

## 1 Προσωπικά στοιχεία

Διομήδης Δ. Σπινέλλης  
Καθηγητής  
Τμήμα Διοικητικής Επιστήμης και Τεχνολογίας  
Οικονομικό Πανεπιστήμιο Αθηνών  
Πατησίων 76, 104 34 Αθήνα  
Τηλ: 2108203621  
FAX: 2108203685  
email: <mailto:dds@aueb.gr>  
Web: <http://www.dmst.aueb.gr/dds>

## 2 Ερευνητικά ενδιαφέροντα

- Τεχνολογία λογισμικού: εργαλεία και τεχνικές προγραμματισμού
- Ανάλυση δεδομένων μεγάλου όγκου και τεχνολογίες υπολογιστικού νέφους
- Ασφάλεια πληροφοριακών συστημάτων

## 3 Εκπαίδευση

- Διδακτορικό δίπλωμα στην Επιστήμη Υπολογιστών με θέμα μια αντικειμενοστρεφή λύση στο πρόβλημα του πολυπαραδειγματικού προγραμματισμού. Imperial College London, UK. 1990–1994.
- Πτυχίο Master of Engineering (MEng) Μηχανικού Λογισμικού (Software Engineering) με απολυτήριο βαθμό First Class Honours (άριστα). Associateship του City and Guilds of London Institute (ACGI) με βαθμό First Class Honours. Imperial College London. 1986–1990.
- Άριστη γνώση της αγγλικής και της γερμανικής γλώσσας.

## 4 Βραβεία και διακρίσεις

- «Certificate of Appreciation» από το ACM SIGSOFT International Symposium on the Foundations of Software Engineering «for Outstanding Service on the Organization Committee as Demonstration Track Co-Chair», 2016.
- «Certificate of Appreciation» από την IEEE Computer Society με τίτλο «In recognition of your contribution as Associate Editor for *IEEE transactions on Emerging Topics in Computing*», 2016.
- “Best Data Showcase Award” της εργασίας: Diomidis Spinellis. A Repository with 44 Years of Unix Evolution. *MSR '15: Proceedings of the 12th Working Conference on Mining Software Repositories*, 2015.
- «Certification of Appreciation» από την IEEE Computer Society με τίτλο «In recognition of his contributions on behalf of the Computer Society’s Transformation Initiative as Chair of the Ad Hoc Committee on Professional Education and Training», 2014.
- Διάκριση «Golden Core» από την IEEE Computer Society, 2013.
- Διάκριση «Highly Commended Paper» στο «Awards for Excellence 2012» του Emerald Literati Network της εργασίας: Dimitris Mitropoulos, Vassilios Karakoidas, Panagiotis Louridas and Diomidis Spinellis. Countering code injection attacks: a unified approach. *Information Management and Computer Security*, 19(3):177–194, 2011.
- Αναφορά στον ιστότοπο Ελλήνων επιστημόνων με υψηλό αριθμό αναφορών (Highly Cited Greek Scientists) <http://www.highlycitedgreekscientists.org/> (Οκτώβριος 2011). Η βάση δεδομένων περιλαμβάνει όλα τα επιστημονικά πεδία και περιλαμβάνει 137 Έλληνες επιστήμονες που έχουν δημοσιεύσει ως πρώτοι ή τελευταίοι συγγραφείς τουλάχιστον μια εργασία (άρθρο, βιβλίο ή άλλη) που να έχει λάβει πάνω από 1000 αναφορές στην επιστημονική βιβλιογραφία. Σύμφωνα με τον ιστότοπο, αυτό το όροσημο είναι πολύ δύσκολο να επιτευχθεί, ακόμα και από άριστους επιστήμονες.
- Πιστοποιητικό Αναγνώρισης από το περιοδικό *IEEE Software* για τη σύνταξη του τεύχους Ιουλίου/Αυγούστου 2009.

- Βραβείο στο Διαγωνισμό Επιστημονικού Πειράματος «Μάγοι της Επιστήμης 2009» που διοργανώθηκε στις 14 και 15 Φεβρουαρίου 2009 από το μη κερδοσκοπικό οργανισμό CAID σε συνεργασία με το Ίδρυμα Ευγενίδου για το πείραμα «Το Τρένο της Πληροφορίας». Ο διαγωνισμός έχει ως στόχο να προσελκύσει την προσοχή των νέων σχετικά με την επιστήμη και να εξάψει την περιέργεια των παιδιών για το πείραμα και τη γνώση, ενθαρρύνοντας τη σχέση των μαθητών με την επιστήμη και την τεχνολογία.
- Διάκριση «Highly Commended Paper» στο «Awards for Excellence 2008» του Emerald Literati Network της εργασίας: Vasileios Vlachos and Diomidis Spinellis. A Proactive Malware Identification System based on the Computer Hygiene Principles. *Information Management and Computer Security*, 15(4):295–312, 2007.
- Πιστοποιητικό Αναγνώρισης από το περιοδικό *IEEE Software* για τη σύνταξη του τεύχους Σεπτεμβρίου/Οκτωβρίου 2008.
- Διάκριση «Software Development Productivity Award» για τη μονογραφία *Code Quality: The Open Source Perspective* (Addison-Wesley, 2006) στην κατηγορία βιβλίων τεχνικού περιεχομένου. Μάρτιος 2007.
- ACM Computing Reviews. «Featured Reviewer». Αύγουστος 2006.
- Διάκριση «Software Development Productivity Award» για τη μονογραφία *Code Reading: The Open Source Perspective* (Addison-Wesley, 2003) στην κατηγορία βιβλίων τεχνικού περιεχομένου. Μάρτιος 2004.
- Διάκριση της καλύτερης εργασίας που υποβλήθηκε υπό κρίση. Giorgos Gousios and Diomidis Spinellis. A comparison of portable dynamic web content technologies for the apache web server. In *Proceedings of the 3rd International System Administration and Networking Conference SANE 2002*, pages 103–119, Maastricht, The Netherlands, May 2002.
- Βραβείο στο διαγωνισμό «Open Source Projects» της Usenix Association σε συνεργασία με την Compaq Research. 2000.
- Βραβεία στο διεθνή διαγωνισμό «International Obfuscated C Code Contest». 1988, 1990, 1991, 1996.
- Για συνεισφορά στην «Ομάδα Έρευνας Συστημάτων Υπολογιστών» (Computer Science Research Group — CSRG) του πανεπιστημίου California at Berkeley το βραβείο «Lifetime Achievement Award» της Usenix Association. 1993.
- Υποτροφία του Βρετανικού Υπουργείου Εμπορίου και Βιομηχανίας (DTI). 1993.
- Υποτροφία διδασκτρων για σπουδές επιπέδου διδακτορικής διατριβής από το Βρετανικό Ίδρυμα Έρευνας και Τεχνολογίας (SERC). 1990–1994.
- Βραβείο της Addison-Wesley «Prize in Computer Science for Excellence in Academic Achievement». 1990.
- Πρώτη νίκη στο διεθνή διαγωνισμό του Usenet για το μικρότερο αυτοαναπαράγόμενο πρόγραμμα σε ANSI C. 1988.
- Πρώτη νίκη στο διαγωνισμό προγραμματισμού Prolog του τμήματος της ACM του Imperial College. 1987.

## 5 Επιστημονικές, επαγγελματικές και τεχνολογικές δραστηριότητες

### 5.1 Μέλος επιστημονικών και επαγγελματικών οργανώσεων

- Διακεκριμένο μέλος (Senior Member), ACM.
- Διακεκριμένο μέλος (Senior Member), IEEE.
- Μέλος IEEE Computer Society.
- Μέλος, City and Guilds of London Institute (ACGI).
- Μέλος, USENIX Association.
- Μέλος του Τεχνικού Επιμελητηρίου Ελλάδος (ΤΕΕ).
- Μέλος της Ελληνικής Εταιρίας Επιστημόνων Πληροφορικής (ΕΠΥ).

### 5.2 Μέλος συντακτικής επιτροπής επιστημονικών περιοδικών

- IEEE Software. Διευθυντής της συντακτικής επιτροπής (Editor in Chief). 2015–.
- IEEE Transactions on Emerging Topics in Computing. Μέλος της συντακτικής επιτροπής. 2013–2015.
- IEEE Software. Μέλος της συντακτικής επιτροπής και συντάκτης της μόνιμης στήλης «Tools of the Trade». 2005–2014.
- Journal in Computer Virology (Springer Verlag). Μέλος της συντακτικής επιτροπής. 2005–.
- Recent Patents on Engineering (Bentham Science). Μέλος της συντακτικής επιτροπής. 2006–2014.
- Σύνταξη (guest editor) της έκδοσης του περιοδικού IEEE Software με θέμα « Domain Specific Modelling», τεύχος Ιουλίου 2009.

- Σύνταξη (guest editor) της έκδοσης του περιοδικού IEEE Software με θέμα «Software Development Tools», τεύχος Νοεμβρίου 2008.
- Σύνταξη (guest editor) της έκδοσης του περιοδικού IEEE Intelligent Systems με θέμα «Advanced Heuristics in Transportation and Logistics», τεύχος Ιουλίου 2005.
- Σύνταξη (guest editor) της έκδοσης του περιοδικού IEEE Software με θέμα «Developing with Open Source Software», τεύχος Ιανουαρίου 2004.

### 5.3 Μέλος επιτροπής προγράμματος συνεδρίων

1. Μέλος της Επιτροπής Προγράμματος. *1th International Symposium on Empirical Software Engineering and Measurement (ESEM 2017)*, short-papers and posters track. Toronto, Canada. Νοέμβριος 2017.
2. Μέλος της Επιτροπής Προγράμματος. *11th Joint Meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2017)*. Paderborn, Germany. Σεπτέμβριος 2017.
3. Μέλος της Επιτροπής Προγράμματος. *14th International Conference on Mining Software Repositories (MSR 2017)*. Buenos Aires, Argentina. Μάιος 2017.
4. Μέλος της Επιτροπής Προγράμματος. *13th International Conference on Open Source Software Systems (OSS 2017)*. Buenos Aires, Argentina. Μάιος 2017.
5. Μέλος της Επιτροπής Προγράμματος. *First International Workshop on Technical Debt Analytics (TDA 2016)*, in conjunction with the 23rd Asia-Pacific Software Engineering Conference (APSEC 2016). Hamilton, New Zealand. Δεκέμβριος 2016.
6. Πρόεδρος της Επιτροπής Προγράμματος. *International Symposium on the Foundations Software Engineering (FSE 2016)*, Demonstration Track. Seattle, WA. Νοέμβριος 2016.
7. Μέλος της Συντονιστικής Επιτροπής (Steering Committee). *International Conference on Mining Software Repositories (MSR)*. 2016–.
8. Μέλος της Επιτροπής Προγράμματος. *12th International Conference on Open Source Software Systems (OSS 2016)*. Gothenburg, Sweden. Μάιος 2016.
9. Μέλος της Επιτροπής Προγράμματος. *International Conference on Software Engineering (ICSE 2016)*, Software Engineering in Practice (SEIP) track. Austin, Texas. Μάιος 2016.
10. Μέλος της Επιτροπής Προγράμματος. *13th International Conference on Mining Software Repositories (MSR 2016)*. Austin, Texas. Μάιος 2016.
11. Μέλος της Επιτροπής Προγράμματος. *24th IEEE International Conference on Program Comprehension, Tools Demo Track*. Austin, Texas. Μάιος 2016.
12. Μέλος της Επιτροπής Προγράμματος. *20th Panhellenic Conference on Informatics (PCI 2016)*. Patra, Greece. Νοέμβριος 2016.
13. Μέλος της Επιτροπής Προγράμματος. *6th International e-Democracy Conference on “e-Democracy — Security, Privacy and Trust in a Digital World”*. Athens, Greece. Δεκέμβριος 2015.
14. Μέλος της Επιτροπής Προγράμματος. *19th Panhellenic Conference on Informatics (PCI 2015)*. Athens, Greece. Οκτώβριος 2015.
15. Μέλος της Επιτροπής Προγράμματος. *International Conference on Software Engineering (ICSE 2015)*, Software Engineering in Practice (SEIP) track. Florence, Italy. Μάιος 2015.
16. Μέλος της Επιτροπής Προγράμματος. *11th International Conference on Open Source Systems (OSS 2015)*. Florence, Italy. Μάιος 2015.
17. Μέλος της Επιτροπής Προγράμματος. *22nd International Conference on Software Analysis, Evolution (SANER 2015) (former CSMR-WCRE)*. Québec, Canada. Μάρτιος 2015.
18. Μέλος της Επιτροπής Προγράμματος. *18th Panhellenic Conference on Informatics (PCI 2014)*. Athens, Greece. Οκτώβριος 2014.
19. Μέλος της Επιτροπής Προγράμματος. *8th ACM/IEEE International Symposium of Empirical Software Engineering and Measurement (ESEM 2014)*, Industry Track. Torino, Italy. Σεπτέμβριος 2014.
20. Μέλος της Επιτροπής Προγράμματος. *10th International Conference on Open Source Systems (OSS 2014)*. San José, Costa Rica. Μάιος 2014.
21. Μέλος της Επιτροπής Προγράμματος. *Joint Conference on Software Maintenance and Reengineering (CSMR) and Working Conference on Reverse Engineering (WCRE) (CSMR-WCRE)*, Early Research Achievements (ERA) track. Antwerp, Belgium. Φεβρουάριος 2014.

22. Μέλος της Επιτροπής Προγράμματος. *5th International e-Democracy Conference on "e-Democracy — Security, Privacy and Trust in a Digital World"*. Athens, Greece. Δεκέμβριος 2013.
23. Μέλος της Επιτροπής Προγράμματος. *17th Panhellenic Conference on Informatics (PCI 2013)*. Thessaloniki, Greece. Σεπτέμβριος 2013.
24. Μέλος της Επιτροπής Προγράμματος. *4th Workshop on Academic Software Development Tools and Techniques (WASDeTT 2014)*, collocated with ECOOP 2013. Montpellier, France. Ιούλιος 2013.
25. Μέλος της Επιτροπής Προγράμματος. *9th International Conference on Open Source Systems (OSS 2013)*. Koper/Capodistria, Slovenia. Ιούνιος 2013.
26. Μέλος της Επιτροπής Προγράμματος. *17th European Conference on Software Maintenance and Reengineering (CSMR 2013)*. Genova, Italy. Μάρτιος 2013.
27. Μέλος της Επιτροπής Προγράμματος. *6th International Workshop on Foundations and Techniques for Open Source Software Certification (OpenCert 2012)*. Thessaloniki, Greece. Οκτώβριος 2012.
28. Μέλος της Επιτροπής Προγράμματος. *16th Panhellenic Conference on Informatics (PCI 2012)*. Peiraias, Greece. Οκτώβριος 2012.
29. Μέλος της Επιτροπής Προγράμματος. *8th International Conference on Open Source Systems (OSS 2012)*. Hammamet, Tunisia. Σεπτέμβριος 2012.
30. Μέλος της Επιτροπής Προγράμματος. *11th International Conference on Mobile Business (ICMB 2012)*. Delft, The Netherlands. Ιούνιος 2012.
31. Μέλος της Επιτροπής Προγράμματος. *Workshop on Reusing Open-Source Software Components (ROSS)* co-located with ACM SigSoft CompArch 2012. Bertinoro, Italy. Ιούνιος 2012.
32. Μέλος της Επιτροπής Προγράμματος. *16th European Conference on Software Maintenance and Reengineering (CSMR 2012)*. Szeged, Hungary. Μάρτιος 2012.
33. Μέλος της Επιτροπής Προγράμματος. *7th International Conference on Open Source Systems (OSS 2011)*. Salvador, BA, Brazil. Οκτώβριος 2011.
34. Μέλος της Επιτροπής Προγράμματος. *15th Panhellenic Conference on Informatics (PCI 2011)*. Kastoria, Greece. Σεπτέμβριος 2011.
35. Μέλος της Επιτροπής Προγράμματος. *Programming Languages (PL) Track, 26th ACM Symposium on Applied Computing (SAC 2011)*. Taichung, Taiwan. Μάρτιος 2011.
36. Μέλος της Επιτροπής Προγράμματος. *14th Panhellenic Conference on Informatics (PCI 2010)*. Tripoli, Greece. Σεπτέμβριος 2010.
37. Μέλος της Επιτροπής Προγράμματος. *9th International Conference on Mobile Business (ICMB 2010)*. Athens, Greece. Ιούλιος 2010.
38. Μέλος της Επιτροπής Προγράμματος. *6th International Conference on Open Source Systems (OSS 2010)*. Notre Dame, IN, USA. Μάιος–Ιούνιος 2010.
39. Μέλος της Επιτροπής Προγράμματος. *New Ideas and Emergent Results Track (NIER), 32nd ACM/IEEE International Conference on Software Engineering (ICSE 2010)*. Cape Town, South Africa. Μάιος 2010.
40. Μέλος της Επιτροπής Προγράμματος. *Programming Languages (PL) Track, 25th ACM Symposium on Applied Computing (SAC 2010)*. Sierre, Switzerland. Μάρτιος 2010.
41. Μέλος της Επιτροπής Προγράμματος. *14th European Conference on Software Maintenance and Reengineering (CSMR 2010)*. Madrid, Spain. Μάρτιος 2010.
42. Μέλος της Επιτροπής Προγράμματος. *4th International Symposium on Information Security (IS '09)*. Vilamoura, Algarve, Portugal. Νοέμβριος 2009.
43. Μέλος της Επιτροπής Προγράμματος. *13th Panhellenic Conference on Informatics (PCI '2009)*. Corfu, Greece. Σεπτέμβριος 2009.
44. Πρόεδρος της Επιτροπής Προγράμματος. *Mediterranean Conference on Information Systems (MCIS 2009). Free, Libre and Open Source Software and use in the Mediterranean region track*. Athens, Greece. Σεπτέμβριος 2009.
45. Μέλος της Επιτροπής Προγράμματος. *23rd European Conference on Object Oriented Programming (ECOOP 2009)*. Genova, Italy. Ιούνιος 2009.
46. Μέλος της Επιτροπής Προγράμματος. *IFIP WG 2.13 Conference on Free/Open Source Software (F/OSS 2009)*. Skovde, Sweden. Ιούνιος 2009.
47. Μέλος της Επιτροπής Προγράμματος. *Second International Workshop on Free/Libre/Open Source Software Systems (FLOSS)*. ICSE 2009, Vancouver, BC, Canada. Μάιος 2009.
48. Μέλος της Επιτροπής Προγράμματος. *2009 ACM Symposium on Applied Computing: Programming Languages*

- (PL) Track. Honolulu, Hawaii. Μάρτιος 2009.
49. Μέλος της Επιτροπής Προγράμματος. *4th International Workshop on Public Data about Software Development (WoPDS 2009)*. Skovde, Sweden. Μάρτιος 2009.
  50. Μέλος της Επιτροπής Προγράμματος. *13th European Conference on Software Maintenance and Reengineering (CSMR 2009)*. Kaiserslautern, Germany. Μάρτιος 2009.
  51. Μέλος της Επιτροπής Προγράμματος. *4th European Conference on Computer Network Defense (EC2ND)*. Dulin, Ireland. Δεκέμβριος 2008.
  52. Μέλος της Επιτροπής Προγράμματος. *3rd International Symposium on Information Security (IS'08)*. Monterrey, Mexico. Νοέμβριος 2008
  53. Μέλος της Επιτροπής Προγράμματος. *3rd International Annual Workshop on Digital Forensics & Incident Analysis (WDFIA 2008)*. Malaga, Spain. Οκτώβριος 2008.
  54. Μέλος της Επιτροπής Προγράμματος. *3rd International Workshop on Public Data about Software Development (WoPDS 2008)*. Milan, Italy. Σεπτέμβριος 2008.
  55. Μέλος της Επιτροπής Προγράμματος. *International Conference on Open Source Systems*. Milan, Italy. Σεπτέμβριος 2008.
  56. Μέλος της Επιτροπής Προγράμματος. *12th Panhellenic Conference on Informatics (PCI '2008)*. Samos, Greece. Αύγουστος 2008.
  57. Μέλος της Επιτροπής Προγράμματος. *AISEW 2008: Artificial Intelligence Techniques in Software Engineering Workshop*, collocated with the 18th European Conference on Artificial Intelligence. Patras, Greece, 22 Ιούλιος 2008.
  58. Μέλος της Επιτροπής Προγράμματος. *International Workshop on Advanced Software Development Tools and Techniques (WASDeTT 2008)*, collocated with ECOOP 2008. Paphos, Cyprus. Ιούλιος 2008.
  59. Μέλος της Επιτροπής Προγράμματος. *12th European Conference on Software Maintenance and Reengineering (CSMR 2008)*. Athens, Greece. Απρίλιος 2008.
  60. Μέλος της Επιτροπής Προγράμματος. *3rd European Conference on Computer Network Defense (EC2ND)*. ICS-FORTH, Crete, Greece. Οκτώβριος 2007.
  61. Μέλος της Επιτροπής Προγράμματος. *Second Annual Workshop on Digital Forensics & Incident Analysis*. Samos, Greece. Αύγουστος 2007.
  62. Μέλος της Επιτροπής Προγράμματος. *Second International Workshop on Public Data about Software Development (WoPDS 2007)*. Limerick, Ireland.
  63. Μέλος της Επιτροπής Προγράμματος. *International Conference on Global Software Engineering (ICGSE) 2007*. Munich, Germany. Αύγουστος 2007.
  64. Μέλος της Επιτροπής Προγράμματος. *11th Panhellenic Conference on Informatics (PCI '2007)*. Patras, Greece. Μάιος 2007.
  65. Μέλος της Επιτροπής Προγράμματος. *Libre Software as a Matter of Research* workshop, held in conjunction with *FOSDEM 2007*. Brussels, Belgium. Φεβρουάριος 2007.
  66. Μέλος της Επιτροπής Προγράμματος. *First International Workshop on Global Software Development for the Practitioner, GSD 2006*, held in conjunction with the *28th International Conference and Software Engineering 2006*. Shanghai, China. 23 Μάιος 2006.
  67. Μέλος της Επιτροπής Προγράμματος. *10th Panhellenic Conference on Informatics (PCI '2005)*. Volos, Greece. Νοέμβριος 2005.
  68. Μέλος της Επιτροπής Προγράμματος. *Public Key Infrastructure: First European PKI Workshop: Research and Applications, EuroPKI 2004*. Samos, Greece. Ιούνιος 2004.
  69. Μέλος της Επιτροπής Προγράμματος. *ETHICOMP-2004 — Challenges for the Citizen of the Information Society*. Syros, Greece. Απρίλιος 2004.
  70. Πρόεδρος της Επιτροπής Προγράμματος. *ACM Symposium on Applied Computing 2004, Track on Ubiquitous Computing Applications*. Nicosia, Cyprus. Μάρτιος 14–17, 2004.
  71. Πρόεδρος της Επιτροπής Προγράμματος. *CMSD-2003 — International Conference on Cross-Media Service Delivery*. Santorini, Greece. Μάιος 2003.
  72. Μέλος της Επιτροπής Προγράμματος. *18th IFIP International Information Security Conference*. Athens, Greece. Μάιος 2003.
  73. Μέλος της Επιτροπής Προγράμματος. *International Conference on Production System Design, Supply Chain Management and Logistics*. Miedzyzdroje, Poland. Οκτώβριος 23–25, 2002.

## 5.4 Άλλη εθελοντική υπηρεσία σε επιστημονικές και επαγγελματικές οργανώσεις

- Εκπρόσωπος του Οικονομικού Πανεπιστημίου Αθηνών στη Γενική Συνέλευση του μη κερδοσκοπικού Οργανισμού Ανοιχτών Τεχνολογιών (ΕΕΛΛΑΚ), μέλος του διοικητικού συμβουλίου (2008–2009, 2011–), και πρόεδρος ΔΣ (2015–).
- Μέλος της επιτροπής για τον αναδιορισμό αρχισυντάκτη του περιοδικού *IEEE Transactions on Emerging Topics in Computing*, 2013.
- Μέλος της διευθύνουσας επιτροπής του IEEE Center for Secure Design, 2014.
- Πρόεδρος της επιτροπής της IEEE Computer Society για την αναμόρφωση του προϋπολογισμού των εκπαιδευτικών δραστηριοτήτων, 2014.
- Πρόεδρος της επιτροπής για τον αναδιορισμό αρχισυντάκτη του περιοδικού *IEEE Security & Privacy*, 2013.
- Μέλος του Συμβουλίου Διοίκησης της IEEE Computer Society (2013–2015).
- Μέλος της επιτροπής της IEEE Computer Society για τη λειτουργία της ψηφιακής βιβλιοθήκης (Digital Library Operations Committee), 2013–.
- Μέλος της επιτροπής για την αναζήτηση και επιλογή αρχισυντάκτη του περιοδικού *IEEE Cloud Computing*, 2013.

## 5.5 Επιλεγμένη δημόσια παραγωγή λογισμικού

Οι παρακάτω παράγραφοι περιγράφουν λογισμικό το οποίο έχω σχεδιάσει, υλοποιήσει και προσφέρει για δημόσια χρήση με τη μορφή ελεύθερου λογισμικού / λογισμικού ανοικτού κώδικα (open source software).

**UMLGraph** Δηλωτική γλώσσα περιγραφής διαγραμμάτων UML βασισμένη σε Java doclets. Η έξοδος του συστήματος μπορεί να χρησιμοποιηθεί από το πρόγραμμα AT&T GraphViz.

**CScout** Εργαλείο ανάλυσης, φυλλομέτρησης και επανασχεδιασμού (refactoring browser) συλλογών προγραμμάτων που έχουν υλοποιηθεί στη γλώσσα προγραμματισμού C. Το σύστημα αυτό επιτρέπει την ασφαλή και ορθή αλλαγή ονομάτων μεταβλητών και συναρτήσεων σε προγράμματα C. Περιέχει πλήρη υλοποίηση του προεπεξεργαστή, του λεκτικού αναλυτή, και του συντακτικού αναλυτή της γλώσσας C. Το CScout έχει δοκιμαστεί με επιτυχία σε έργα που απαρτίζονται από περισσότερες από 3 εκατομμύρια γραμμές κώδικα, όπως ο πυρήνας των λειτουργικών συστημάτων FreeBSD, Linux και Windows.

**Unix sed(1) stream editor** Επανυλοποίηση σύμφωνα με το πρότυπο POSIX του διορθωτή ροής του Unix sed(1). Αποτελεί τμήμα των λειτουργικών συστημάτων OS X, 4.4BSD, NetBSD, FreeBSD.

**Outwit** Επιτρέπει την πρόσβαση στοιχείων των Microsoft Windows όπως τις σχεσιακές βάσεις δεδομένων, το clipboard, τις ιδιότητες των εγγράφων, τις συντομεύσεις και το registry σε εργαλεία του Unix.

**Socketpipe** Άμεση διασύνδεση καταμεμημένων εργαλείων του λειτουργικού συστήματος Unix μέσω διαδικτυακής διασώληνωσης.

**Prune** Ελεγχόμενη διατήρηση αντιγράφων εφεδρείας με εκθετική, κανονική, ή κατά Fibonacci κατανομή.

**Grconv** Μετατρέπει ανάμεσα σε 100 περίπου διαφορετικά πρότυπα παράστασης και κωδικοποίησης ελληνικών χαρακτήρων. Τα πρότυπα περιλαμβάνουν διαφορετικές κωδικοσελίδες, μεταγραφή, μεταγραμματισμό και κωδικοποίηση των χαρακτήρων.

**Ckjm** υπολογίζει τιμές για τις αντικειμενοστρεφείς μετρικές των Chidamber and Kemerer σε προγράμματα Java επεξεργαζόμενο το μεταγλωττισμένο τους κώδικα.

## 6 Δημοσιεύσεις

Ενημερωμένα στοιχεία για όλες τις δημοσιεύσεις, καθώς και το πλήρες κείμενό τους (για όποιες αυτό είναι δυνατό) βρίσκονται στην ιστοσελίδα <http://www.dmst.aueb.gr/dds/pubs>.

### 6.1 Βιβλία: μονογραφίες και έκδοση συλλογικών τόμων

1. Diomidis Spinellis. *Effective Debugging: 66 Specific Ways to Debug Software and Systems*. Addison-Wesley Professional, Boston, MA, 2016.
2. Diomidis Spinellis. *The Elements of Computing Style: 180+ Tips for Busy Knowledge Workers*. Leanpub, Vancouver, BC, Canada, 2014.

3. Diomidis Spinellis and Georgios Gousios, editors. *Beautiful Architecture: Leading Software Engineers Explain How They Think*. O'Reilly, Sebastopol, CA, 2009.
4. Chrissoleon T. Papadopoulos, Michael E. J. O'Kelly, Michael J. Vidalis, and Diomidis Spinellis. *Analysis and Design of Discrete Part Production Lines*. Springer, 2009.
5. Diomidis Spinellis. *Code Quality: The Open Source Perspective*. Addison-Wesley, Boston, MA, 2006.
6. Diomidis Spinellis. *Code Reading: The Open Source Perspective*. Addison-Wesley, Boston, MA, 2003.
7. Diomidis Spinellis, editor. *Cross-Media Service Delivery*, volume 740 of *The Kluwer international series in engineering and computer science*. Kluwer Academic Publishers, Boston, MA, 2003.

## 6.2 Πτυχιακές εργασίες και διδακτορικές διατριβές

1. Diomidis Spinellis. *Programming Paradigms as Object Classes: A Structuring Mechanism for Multiparadigm Programming*. PhD thesis, Imperial College, London, UK, February 1994.
2. Diomidis Spinellis. An implementation of the Haskell language. Master's thesis, Imperial College, London, UK, June 1990.

## 6.3 Πλήρη άρθρα σε επιστημονικά περιοδικά με σύστημα κριτών

1. Diomidis Spinellis and Marios Fragkoulis. Extending Unix pipelines to DAGs. *IEEE Transactions on Computers*, 2017.
2. Les Hatton, Diomidis Spinellis, and Michiel van Genuchten. The long-term growth rate of evolving software: Empirical results and implications. *Journal of Software: Evolution and Process*, 2017.
3. Diomidis Spinellis. A repository of Unix History and evolution. *Empirical Software Engineering*, 22(3):1372–1404, 2017.
4. Dimitris Mitropoulos, Konstantinos Stroggylos, Diomidis Spinellis, and Angelos D. Keromytis. How to train your browser: Preventing XSS attacks using contextual script fingerprints. *ACM Transactions on Privacy and Security*, 19(1):2:1–2:31, July 2016.
5. Marios Fragkoulis, Diomidis Spinellis, and Panos Louridas. An interactive SQL relational interface for querying main-memory data structures. *Computing*, 97:1141–1164, December 2015.
6. Vassilios Karakoidas, Dimitris Mitropoulos, Panagiotis Louridas, and Diomidis Spinellis. A type-safe embedding of SQL into Java using the extensible compiler framework J%. *Computer Languages, Systems & Structures*, 41:1–20, April 2015.
7. Maria Kechagia, Dimitris Mitropoulos, and Diomidis Spinellis. Charting the API minefield using software telemetry data. *Empirical Software Engineering*, 20:1785–1830, December 2015.
8. Georgios Gousios and Diomidis Spinellis. Conducting quantitative software engineering studies with Alitheia Core. *Empirical Software Engineering*, 19(4):885–925, August 2014.
9. Diomidis Spinellis and Panos Louridas. The carbon footprint of conference papers. *PLoS ONE*, 8(6):e66508, May 2013.
10. George M. Giaglis and Diomidis Spinellis. Division of effort, productivity, quality, and relationships in FLOSS virtual teams: Evidence from the FreeBSD project. *Journal of Universal Computer Science*, 18(19):2625–2645, November 2012.
11. Diomidis Spinellis and Vaggelis Giannikas. Organizational adoption of open source software. *Journal of Systems and Software*, 85(3):666–682, March 2012.
12. Dimitris Mitropoulos, Vassilios Karakoidas, Panagiotis Louridas, and Diomidis Spinellis. Countering code injection attacks: A unified approach. *Information Management and Computer Security*, 19(3):177–194, 2011.
13. Maria Halkidi, Diomidis Spinellis, George Tsatsaronis, and Michalis Vazirgiannis. Data mining in software engineering. *Intelligent Data Analysis*, 15(3):413–441, 2011.
14. Euripides Loukis, Diomidis Spinellis, and Anastasios Katsigiannis. Barriers to the adoption of B2B e-marketplaces by large enterprises: Lessons learned from the Hellenic Aerospace Industry. *Information Systems Management*, 28(2):130–146, 2011.
15. Stephanos Androutsellis-Theotokis, Diomidis Spinellis, Maria Kechagia, and Georgios Gousios. Open source software: A survey from 10,000 feet. *Foundations and Trends in Technology, Information and Operations Management*, 4(3–4):187–347, 2011.

16. Diomidis Spinellis. CScout: A refactoring browser for C. *Science of Computer Programming*, 75(4):216–231, April 2010.
17. Stephanos Androutsellis-Theotokis, Diomidis Spinellis, Panos Louridas, and Kostas Stroggylos. A market-based approach to managing the risk of peer-to-peer transactions. *Computer Networks*, 54(5):675–688, April 2010.
18. Diomidis Spinellis. User-level operating system transactions. *Software: Practice & Experience*, 39(14):1215–1233, September 2009.
19. Diomidis Spinellis. Optimizing header file include directives. *Journal of Software Maintenance and Evolution: Research and Practice*, 21(4):233–251, July/August 2009.
20. Dimitris Mitropoulos and Diomidis Spinellis. SDriver: Location-specific signatures prevent SQL injection attacks. *Computers and Security*, 28:121–129, May/June 2009.
21. Simon Frankau, Diomidis Spinellis, Nick Nassuphis, and Christoph Burgard. Commercial uses: Going functional on exotic trades. *Journal of Functional Programming*, 19(1):27–45, January 2009.
22. Panagiotis Louridas, Diomidis Spinellis, and Vasileios Vlachos. Power laws in software. *ACM Transactions on Software Engineering and Methodology*, 18(1):1–26, September 2008. Article 2.
23. Diomidis Spinellis and Panagiotis Louridas. The collaborative organization of knowledge. *Communications of the ACM*, 51(8):68–73, August 2008.
24. Diomidis Spinellis. The Antikythera mechanism: A computer science perspective. *IEEE Computer*, 41(5):22–27, May 2008.
25. Vassilios Karakoidas and Diomidis Spinellis. FIRE/J — optimizing regular expression searches with generative programming. *Software: Practice & Experience*, 38(6):557–573, May 2008.
26. Vasileios Vlachos and Diomidis Spinellis. A P proactive malware identification system based on the computer hygiene principles. *Information Management and Computer Security*, 15(4):295–312, 2007.
27. Diomidis Spinellis, Panagiotis Zaharias, and Adam Vrechopoulos. Coping with plagiarism and grading load: Randomized programming assignments and reflective grading. *Computer Applications in Engineering Education*, 15(2):113–123, 2007.
28. Vassilis Prevelakis and Diomidis Spinellis. The Athens affair. *IEEE Spectrum*, 44(7):26–33, July 2007.
29. Diomidis Spinellis and Panagiotis Louridas. A framework for the static verification of API calls. *Journal of Systems and Software*, 80(7):1156–1168, July 2007.
30. Dimitrios Lekkas and Diomidis Spinellis. Implementing regular cash with blind fixed-value electronic coins. *Computer Standards & Interfaces*, 29(3):277–288, March 2007.
31. Konstantinos Chorianopoulos and Diomidis Spinellis. Coping with TiVo: Opportunities of the networked digital video recorder. *Telematics and Informatics*, 24(1):48–58, February 2007.
32. Konstantinos Chorianopoulos and Diomidis Spinellis. User interface evaluation of interactive TV: A media studies perspective. *Universal Access in the Information Society*, 5(2):209–218, August 2006.
33. Adamantia D. Pateli, George M. Giaglis, and Diomidis D. Spinellis. Wireless value-added services in exhibition shows. *International Journal of Mobile Communications*, 4(2):193–209, 2006.
34. Dimitrios Lekkas and Diomidis Spinellis. Handling and reporting security advisories: A scorecard approach. *IEEE Security and Privacy*, 3(4):32–41, July/August 2005.
35. Diomidis Spinellis. Index-based persistent document identifiers. *Information Retrieval*, 8(1):5–24, January 2005.
36. Stephanos Androutsellis-Theotokis and Diomidis Spinellis. A survey of peer-to-peer content distribution technologies. *ACM Computing Surveys*, 36(4):335–371, December 2004.
37. Konstantinos Chorianopoulos and Diomidis Spinellis. Affective usability evaluation for an interactive music television channel. *Computers in Entertainment*, 2(3):14, July 2004.
38. Vasileios Vlachos, Stefanos Androutsellis-Theotokis, and Diomidis Spinellis. Security applications of peer-to-peer networks. *Computer Networks*, 45(2):195–205, June 2004.
39. Konstantinos Chorianopoulos and Diomidis Spinellis. User interface development for interactive television: Extending a commercial DTV platform to the virtual channel API. *Computers & Graphics*, 28(2):157–166, April 2004.
40. Diomidis Spinellis. Global analysis and transformations in preprocessed languages. *IEEE Transactions on Software Engineering*, 29(11):1019–1030, November 2003.
41. John Iliadis, Stefanos Gritzalis, Diomidis Spinellis, Danny de Cock, Bart Preneel, and Dimitris Gritzalis. Towards a framework for evaluating certificate status information mechanisms. *Computer Communications*, 26(16):1839–1850, October 2003.



42. Victoria Skoularidou and Diomidis Spinellis. Security architectures for network clients. *Information Management and Computer Security*, 11(2):84–91, 2003.
43. Diomidis Spinellis. Position-annotated photographs: A geotemporal web. *IEEE Pervasive Computing*, 2(2):72–79, April-June 2003.
44. Diomidis Spinellis. The information furnace: Consolidated home control. *Personal and Ubiquitous Computing*, 7(1):53–69, 2003.
45. Diomidis Spinellis. Reliable identification of bounded-length viruses is NP-complete. *IEEE Transactions on Information Theory*, 49(1):280–284, January 2003.
46. Diomidis Spinellis. The decay and failures of web references. *Communications of the ACM*, 46(1):71–77, January 2003.
47. Diomidis Spinellis and Dimitris Gritzalis. Panoptis: Intrusion detection using a domain-specific language. *Journal of Computer Security*, 10:159–176, 2002.
48. Diomidis Spinellis. Unix tools as visual programming components in a GUI-builder environment. *Software: Practice & Experience*, 32(1):57–71, January 2002.
49. Konstantinos Raptis, Diomidis Spinellis, and Sokratis Katsikas. Multi-technology distributed objects and their integration. *Computer Standards & Interfaces*, 23:157–168, July 2001.
50. Euripides Loukis and Diomidis Spinellis. Information systems security in the Greek public sector. *Information Management and Computer Security*, 9(1):21–31, 2001.
51. Diomidis Spinellis. Notable design patterns for domain specific languages. *Journal of Systems and Software*, 56(1):91–99, February 2001.
52. Diomidis Spinellis and Chrissoleon Papadopoulos. Modular production line optimization: The exPLOre architecture. *Mathematical Problems in Engineering*, 6:527–541, 2001.
53. Diomidis Spinellis. Reflection as a mechanism for software integrity verification. *ACM Transactions on Information and System Security*, 3(1):51–62, February 2000.
54. Diomidis Spinellis and Konstantinos Raptis. Component mining: A process and its pattern language. *Information and Software Technology*, 42(9):609–617, June 2000.
55. Diomidis Spinellis and Chrissoleon T. Papadopoulos. A simulated annealing approach for buffer allocation in reliable production lines. *Annals of Operations Research*, 93:373–384, 2000.
56. Konstantinos Raptis, Diomidis Spinellis, and Sokratis Katsikas. Distributed object bridges and a Java-based object mediator. *Informatik / Informatique*, 2:4–8, April 2000.
57. Diomidis Spinellis and Chrissoleon Papadopoulos. Stochastic algorithms for buffer allocation in reliable production lines. *Mathematical Problems in Engineering*, 5:441–458, 2000.
58. Diomidis Spinellis, Chrissoleon Papadopoulos, and Jim MacGregor Smith. Large production line optimization using simulated annealing. *International Journal of Production Research*, 38(3):509–541, February 2000.
59. Diomidis Spinellis, Stefanos Gritzalis, John Iliadis, Dimitris Gritzalis, and Sokratis Katsikas. Trusted third party services for deploying secure telemedical applications over the WWW. *Computers and Security*, 18(7):627–639, 1999.
60. Diomidis Spinellis, Spyros Kokolakis, and Stephanos Gritzalis. Security requirements, risks, and recommendations for small enterprise and home-office environments. *Information Management and Computer Security*, 7(3):121–128, 1999.
61. Stephanos Gritzalis, John Iliadis, Dimitris Gritzalis, Diomidis Spinellis, and Sokratis Katsikas. Developing secure Web-based medical applications. *Medical Informatics and the Internet in Medicine*, 24(1):75–90, March 1999.
62. Stefanos Gritzalis, Diomidis Spinellis, and Panagiotis Georgiadis. Security protocols over open networks and distributed systems: Formal methods for their analysis, design, and verification. *Computer Communications*, 22(8):695–707, May 1999.
63. Stefanos Gritzalis, George Aggelis, and Diomidis Spinellis. Architectures for secure portable executable content. *Internet Research*, 9(1):16–24, 1999.
64. Diomidis Spinellis. A critique of the Windows application programming interface. *Computer Standards & Interfaces*, 20(1):1–8, November 1998.
65. Stefanos Gritzalis and Diomidis Spinellis. The cascade vulnerability problem: The detection problem and a simulated annealing approach for its correction. *Microprocessors and Microsystems*, 21(10):621–628, April 1998.
66. Diomidis Spinellis. Palmtop programmable appliance controls. *Personal Technologies (Personal and Ubiquitous Computing)*, 2(1):11–17, March 1998.

67. Sokratis Katsikas, Diomidis Spinellis, John Iliadis, and Bernd Blobel. Using trusted third parties for secure telemedical applications over the WWW: The EUROMED-ETS approach. *International Journal of Medical Informatics*, 49(1):59–68, March 1998.
68. Diomidis Spinellis, Sophia Drossopoulou, and Susan Eisenbach. Object-oriented technology in multiparadigm language implementation. *Journal of Object-Oriented Programming*, 8(1):33–38, March/April 1995.
69. Diomidis Spinellis. Checking C declarations at link time. *The Journal of C Language Translation*, 4(3):238–249, March 1993.
70. Diomidis Spinellis. Implementing Haskell: Language implementation as a tool building exercise. *Structured Programming (Software Concepts and Tools)*, 14:37–48, 1993.

#### 6.4 Εισαγωγές αρχισυντάκτη και προσκεκλημένου εκδότη επιστημονικών περιοδικών

1. Diomidis Spinellis. How abundance changes software engineering. *IEEE Software*, 34(3):4–7, May 2017.
2. Diomidis Spinellis. The social responsibility of software development. *IEEE Software*, 34(2):4–6, March 2017. Also republished in Computing Edge (May 2017).
3. Diomidis Spinellis. Software-engineering the internet of things. *IEEE Software*, 34(1):4–6, January 2017.
4. Diomidis Spinellis. The changing role of the software architect. *IEEE Software*, 33(6):4–6, November 2016.
5. Diomidis Spinellis. Reflecting on quality. *IEEE Software*, 33(4):4–5, July 2016. Also republished in Computing Edge (November 2016).
6. Diomidis Spinellis. Managing a software business. *IEEE Software*, 33(5):4–7, September 2016.
7. Diomidis Spinellis. Being a DevOps developer. *IEEE Software*, 33(3):4–5, May/June 2016. Also republished in Computing Edge (July 2016).
8. Diomidis Spinellis. Serving professionals. *IEEE Software*, 33(2):4–6, Mar/Apr 2016.
9. Diomidis Spinellis. Developer, debug thyself. *IEEE Software*, 33(1):3–5, Jan/Feb 2016.
10. Diomidis Spinellis. Extending our field’s reach. *IEEE Software*, 32(6):4–6, Nov/Dec 2015.
11. Diomidis Spinellis. Architecture from a developer’s perspective. *IEEE Software*, 32(5):4–7, Sep/Oct 2015.
12. Diomidis Spinellis. Introductions. *IEEE Software*, 32(4):3–5, July/Aug 2015.
13. Diomidis Spinellis. Recruiting a star team. *IEEE Software*, 32(3):3–5, May/June 2015.
14. Diomidis Spinellis. The strategic importance of release engineering. *IEEE Software*, 32(2):3–5, March/April 2015.
15. Diomidis Spinellis. Fewer dead trees, more engagement. *IEEE Software*, 32(1):4–6, January/February 2015.
16. Jonathan Sprinkle, Marjan Mernik, Juha-Pekka Tolvanen, and Diomidis Spinellis. What kinds of nails need a domain-specific hammer? *IEEE Software*, 26(4):15–18, July/August 2009. Guest Editors’ Introduction: Domain Specific Modelling.
17. Simon Helsen, Arthur Ryman, and Diomidis Spinellis. Where’s my jetpack? *IEEE Software*, 25(5):18–21, September/October 2008. Guest Editors’ Introduction: Software Development Tools.
18. Christos D. Tarantilis, Diomidis Spinellis, and Michel Gendreau. Advanced heuristics in transportation and logistics. *IEEE Intelligent Systems*, 20(4):16–18, July 2005. Guest Editors’ Introduction.
19. Diomidis Spinellis and Clemens Szyperski. How is open source affecting software development? *IEEE Software*, 21(1):28–33, January/February 2004. Guest Editors’ Introduction: Developing with Open Source Software.

#### 6.5 Στήλες σε επιστημονικά περιοδικά

1. Diomidis Spinellis. A DIY Lego controller: A low-cost way to program Lego machines. *IEEE Spectrum*, 53(11):21–22, November 2016.
2. Diomidis Spinellis. Simple online tools to make hiring easier. *Harvard Business Review*, May 2015. Digital Article. Available online <https://hbr.org/2015/05/simple-online-tools-to-make-hiring-easier>. Product H021KX-PDF-ENG.
3. Diomidis Spinellis and Stephanos Androutsellis-Theotokis. Software development tooling: Information, opinion, guidelines, and tools. *IEEE Software*, 31(6):21–23, November/December 2014.
4. Diomidis Spinellis. First, do no harm. *IEEE Software*, 31(5):12–14, September/October 2014.
5. Diomidis Spinellis. Service orchestration with Rundeck. *IEEE Software*, 31(4):16–18, July/August 2014.
6. Diomidis Spinellis. Developing in the cloud. *IEEE Software*, 31(2):41–43, March/April 2014.

7. Diomidis Spinellis. Bespoke infrastructures. *IEEE Software*, 31(1):23–25, January/February 2014.
8. Diomidis Spinellis. The frictionless development environment scorecard. *IEEE Software*, 30(6):30–32, November/December 2013.
9. Diomidis Spinellis. Differential debugging. *IEEE Software*, 30(5):19–21, September/October 2013.
10. Diomidis Spinellis. Portability: Goodies vs. the hair shirt. *IEEE Software*, 30(4):22–23, July/August 2013.
11. Diomidis Spinellis. Systems software. *IEEE Software*, 30(3):18–19, May/June 2013.
12. Diomidis Spinellis. The importance of being declarative. *IEEE Software*, 30(1):90–91, January/February 2013.
13. Diomidis Spinellis. APIs, libraries, and code. *IEEE Software*, 29(6):85–86, November/December 2012.
14. Diomidis Spinellis. Virtualize me. *IEEE Software*, 29(5):91–93, September/October 2012.
15. Diomidis Spinellis. Don't install software by hand. *IEEE Software*, 29(4):86–87, July/August 2012.
16. Diomidis Spinellis. Git. *IEEE Software*, 29(3):100–101, May/June 2012.
17. Diomidis Spinellis. Package management systems. *IEEE Software*, 29(2):84–86, March/April 2012.
18. Diomidis Spinellis. Refactoring on the cheap. *IEEE Software*, 29(1):96–95, January/February 2012.
19. Diomidis Spinellis and Henry Spencer. Lessons from space. *IEEE Software*, 28(6):26–28, November/December 2011.
20. Diomidis Spinellis. Faking it. *IEEE Software*, 28(5):96, 95, September/October 2011.
21. Diomidis Spinellis. Agility drivers. *IEEE Software*, 28(4):96, 95, July/August 2011.
22. Diomidis Spinellis. Choosing and using open source components. *IEEE Software*, 28(3):96, 95, May/June 2011.
23. Diomidis Spinellis. elyts edoc. *IEEE Software*, 28(2):104–103, March/April 2011.
24. Diomidis Spinellis. Farewell to disks. *IEEE Software*, 27(6):82–83, November/December 2010.
25. Diomidis Spinellis. UML everywhere. *IEEE Software*, 27(5):90–91, September/October 2010.
26. Diomidis Spinellis. Code documentation. *IEEE Software*, 27(4):18–19, July/August 2010.
27. Diomidis Spinellis. Software tracks. *IEEE Software*, 27(2):10–11, March/April 2010.
28. Diomidis Spinellis. Basic etiquette of technical communication. *IEEE Software*, 26(5):14–15, November/December 2009.
29. Diomidis Spinellis. Job security. *IEEE Software*, 26(5):14–15, Sep/Oct 2009.
30. Diomidis Spinellis. Drawing tools. *IEEE Software*, 26(3):12–13, May/June 2009.
31. Diomidis Spinellis. Start with the most difficult part. *IEEE Software*, 26(2):70–71, March/April 2009.
32. Diomidis Spinellis. The way we program. *IEEE Software*, 25(4):89–91, July/August 2008.
33. Diomidis Spinellis. Software builders. *IEEE Software*, 25(3):22–23, May/June 2008.
34. Diomidis Spinellis. Using and abusing XML. *IEEE Software*, 25(2):88–89, March/April 2008.
35. Diomidis Spinellis. Rational metaprogramming. *IEEE Software*, 25(1):78–79, January/February 2008.
36. Diomidis Spinellis. On paper. *IEEE Software*, 24(6):24–25, November/December 2007.
37. Diomidis Spinellis. Abstraction and variation. *IEEE Software*, 24(5):24–25, September/October 2007.
38. Diomidis Spinellis. The tools we use. *IEEE Software*, 24(4):20–21, July/August 2007.
39. Diomidis Spinellis. Silver bullets and other mysteries. *IEEE Software*, 24(3):22–23, May/June 2007.
40. Diomidis Spinellis. I spy. *IEEE Software*, 24(2):16–17, March/April 2007.
41. Diomidis Spinellis. Cracking software reuse. *IEEE Software*, 24(1):12–13, January/February 2007.
42. Diomidis Spinellis. Open source and professional advancement. *IEEE Software*, 23(5):70–71, September/October 2006.
43. Diomidis Spinellis. Choosing a programming language. *IEEE Software*, 23(4):62–63, July/August 2006.
44. Diomidis Spinellis. Debuggers and logging frameworks. *IEEE Software*, 23(3):98–99, May/June 2006.
45. Diomidis Spinellis. Bug busters. *IEEE Software*, 23(2):92–93, March/April 2006.
46. Diomidis Spinellis. Project asset portability. *IEEE Software*, 23(1):100–101, January/February 2006.
47. Diomidis Spinellis. Working with Unix tools. *IEEE Software*, 22(6):9–11, November/December 2005.
48. Diomidis Spinellis. Software engineering glossary, version control, part 2. *IEEE Software*, 22(6):c2–c3, November/December 2005.
49. Diomidis Spinellis. Version control systems. *IEEE Software*, 22(5):108–109, September/October 2005.
50. Diomidis Spinellis. Software engineering glossary, version control, part 1. *IEEE Software*, 22(5):107, September/October 2005.
51. Diomidis Spinellis. Tool writing: A forgotten art? *IEEE Software*, 22(4):9–11, July/August 2005.
52. Diomidis Spinellis. Java makes scripting languages irrelevant? *IEEE Software*, 22(3):70–71, May/June 2005.
53. Diomidis Spinellis. Dear editor. *IEEE Software*, 22(2):14–15, March/April 2005.

54. Diomidis Spinellis. The tools at hand. *IEEE Software*, 22(1):10–13, January/February 2005.
55. Diomidis Spinellis. Reflections on trusting trust revisited. *Communications of the ACM*, 46(6):112, June 2003.
56. Diomidis Spinellis. On the declarative specification of models. *IEEE Software*, 20(2):94–96, March/April 2003.
57. Diomidis Spinellis. Fear of coding, and how to reduce it. *IEEE Computer*, 34(8):98–100, August 2001.
58. Diomidis Spinellis. Explore, excogitate, exploit: Component mining. *IEEE Computer*, 32(9):114–116, September 1999.
59. Diomidis Spinellis. The computer’s new clothes. *IEEE Software*, 15(6):14–17, November/December 1998.

## 6.6 Κεφάλαια σε βιβλία

1. Diomidis Spinellis. Tools! tools! we need tools! In Tim Menzies, Laurie Williams, and Thomas Zimmermann, editors, *Perspectives on Data Science for Software Engineering*, pages 143–148. Morgan Kaufmann, 2016.
2. Diomidis Spinellis. Tools and techniques for analyzing product and process data. In Tim Menzies, Christian Bird, and Thomas Zimmermann, editors, *The Art and Science of Analyzing Software Data*, pages 161–212. Morgan-Kaufmann, 2015.
3. Diomidis Spinellis. The information train. In Newton Lee, editor, *Digital Da Vinci: Computers in the Arts and Sciences*, chapter 7, pages 129–142. Springer, 2014.
4. Diomidis Spinellis. Guerrilla tactics in public administration. In *From the University to Public Administration: A Return Trip*, pages 115–146. Papazisis, Athens, Greece, 2014. In Greek.
5. Diomidis Spinellis. Quality wars: Open source versus proprietary software. In Andy Oram and Greg Wilson, editors, *Making Software: What Really Works, and Why We Believe It*, chapter 15, pages 259–293. O’Reilly and Associates, Sebastopol, CA, 2010.
6. Diomidis Spinellis. The Unix tools are your friends. In Kevlin Henney, editor, *97 Things Every Programmer Should Know*, pages 176–177. O’Reilly, Sebastopol, CA, 2010.
7. Diomidis Spinellis. Put everything under version control. In Kevlin Henney, editor, *97 Things Every Programmer Should Know*, pages 136–137. O’Reilly, Sebastopol, CA, 2010.
8. Diomidis Spinellis. Large interconnected data belongs to a database. In Kevlin Henney, editor, *97 Things Every Programmer Should Know*, pages 96–97. O’Reilly, Sebastopol, CA, 2010.
9. Diomidis Spinellis. Foreword. In Sulayman K. Sowe, Ioannis G. Stamelos, and Ioannis Samoladas, editors, *Emerging Free and Open Source Software Practices*, pages vi–vii. IGI Publishing, Hershey, PA, 2007.
10. Diomidis Spinellis. Another level of indirection. In Andy Oram and Greg Wilson, editors, *Beautiful Code: Leading Programmers Explain How They Think*, chapter 17, pages 279–291. O’Reilly and Associates, Sebastopol, CA, 2007.

## 6.7 Δημοσιεύσεις σε επιστημονικά συνέδρια

### 6.7.1 Διεθνή συνέδρια

1. Antonis Gkortzis, Stamatia Rizou, and Diomidis Spinellis. An empirical analysis of vulnerabilities in virtualization technologies. In *CloudCom 2016: IEEE International Conference on Cloud Computing Technology and Science*, pages 533–538, December 2016.
2. Diomidis Spinellis, Panos Louridas, and Maria Kechagia. The evolution of C programming practices: A study of the Unix operating system 1973–2015. In Willem Visser and Laurie Williams, editors, *ICSE ’16: Proceedings of the 38th International Conference on Software Engineering*, pages 748–759, New York, May 2016. Association for Computing Machinery.
3. Tushar Sharma, Marios Fragkoulis, and Diomidis Spinellis. Does your configuration code smell? In *MSR ’16: Proceedings of the 13th Conference on Mining Software Repositories*, pages 189–200. Association for Computing Machinery, 2016.
4. Diomidis Spinellis, Panagiotis Louridas, and Maria Kechagia. An exploratory study on the evolution of C programming in the Unix operating system. In Qing Wang and Guenther Ruhe, editors, *ESEM ’15: 9th International Symposium on Empirical Software Engineering and Measurement*, pages 54–57. IEEE, October 2015.

5. Vassilios Karakoidas, Dimitris Mitropoulos, Georgios Gousios, Diomidis Spinellis, and Panagiotis Louridas. Generating the blueprints of the Java ecosystem. In *MSR '15: Proceedings of the 12th Working Conference on Mining Software Repositories*, pages 510–513. IEEE, 2015.
6. Diomidis Spinellis. A repository with 44 years of Unix evolution. In *MSR '15: Proceedings of the 12th Working Conference on Mining Software Repositories*, pages 462–465. IEEE, 2015. Best Data Showcase Award.
7. Diomidis Spinellis. Against the odds: Managing the unmanagable in a time of crisis. In Matthias Jarke, John Mylopoulos, Christoph Quix, Colette Rolland, Yannis Manolopoulos, Haralambos Mouratidis, and Jennifer Horkoff, editors, *CAiSE 2014: Proceedings of the 26th International Conference on Advanced Information Systems Engineering*, pages 24–41. Springer Verlag, June 2014. Lecture Notes in Computer Science 8484.
8. Dimitris Mitropoulos, Georgios Gousios, Panagiotis Papadopoulos, Vassilios Karakoidas, Panos Louridas, and Diomidis Spinellis. The vulnerability dataset of a large software ecosystem. In *Proceedings of the 3rd International Workshop on Building Analysis Datasets and Gathering Experience Returns for Security (BADGERS 2014), colocated with the 19th European Symposium on Research in Computer Security (ESORICS 2014)*, pages 69–74. IEEE Computer Society, September 2014.
9. Konstantinos Stroggylos, Dimitris Mitropoulos, Zacharias Tzermias, Panagiotis Papadopoulos, Fotios Rafailidis, Diomidis Spinellis, Sotiris Ioannidis, and Panagiotis Katsaros. TRACER: A platform for securing legacy code. In *TRUST '14: Proceedings of 7th International Conference on Trust & Trustworthy Computing — Poster Presentation Track*, pages 218–219. Springer, June 2014.
10. Maria Kechagia and Diomidis Spinellis. Undocumented and unchecked: Exceptions that spell trouble. In *MSR '14: Proceedings of the 11th Working Conference on Mining Software Repositories*, pages 312–315. ACM, 2014.
11. Dimitris Mitropoulos, Vassilios Karakoidas, Panos Louridas, Georgios Gousios, and Diomidis Spinellis. The bug catalog of the Maven ecosystem. In *MSR '14: Proceedings of the 2014 International Working Conference on Mining Software Repositories*, pages 372–365. ACM, 2014.
12. Marios Fragkoulis, Diomidis Spinellis, Panos Louridas, and Angelos Bilas. Relational access to Unix kernel data structures. In *EuroSys 2014: Proceedings of the 9th European Conference on Computer Systems*, pages 12:1–12:14, 2014.
13. Maria Kechagia, Dimitris Mitropoulos, and Diomidis Spinellis. Improving the quality of APIs through the analysis of software crash reports. In Andrew V. Jones and Nicholas Ng, editors, *2013 Imperial College Computing Student Workshop*, volume 35 of *OpenAccess Series in Informatics (OASICs)*, pages 57–64, Dagstuhl, Germany, 2013. Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik.
14. Dimitris Mitropoulos, Vassilios Karakoidas, Panos Louridas, Georgios Gousios, and Diomidis Spinellis. Dismal code: Studying the evolution of security bugs. In *Proceedings of the LASER Workshop 2013, Learning from Authoritative Security Experiment Results*, pages 37–48. Usenix Association, October 2013.
15. Steven Fraser, Kendra Cooper, Jim Coplien, Ruth G. Lennon, Ramya Ravichandar, Diomidis Spinellis, and Giancarlo Succi. Software tools research: a matter of scale and scope — or commoditization? In Gary T. Leavens, editor, *SPLASH '12: Conference on Systems, Programming, and Applications: Software for Humanity*, pages 59–62. ACM, October 2012. Invited panel presentation.
16. Diomidis Spinellis, Vassilios Karakoidas, and Panagiotis Louridas. Comparative language fuzz testing: Programming languages vs. fat fingers. In *PLATEAU 2012: 4th Annual International Workshop on Evaluation and Usability of Programming Languages and Tools—Systems, Programming, Languages and Applications: Software for Humanity (SPLASH 2012)*. ACM, October 2012.
17. Dimitris Mitropoulos, Georgios Gousios, and Diomidis Spinellis. Measuring the occurrence of security-related bugs through software evolution. In *PCI 2012: Proceedings of 16th Panhellenic Conference on Informatics (PCI 2012)*, pages 117–122. IEEE Computer Society, October 2012.
18. Georgios Gousios and Diomidis Spinellis. GHTorrent: Github’s data from a firehose. In Michele Lanza, Massimiliano Di Penta, and Tao Xie, editors, *9th IEEE Working Conference on Mining Software Repositories (MSR)*, pages 12–21. IEEE, June 2012.
19. Maria Kechagia, Diomidis Spinellis, and Stephanos Androutsellis-Theotokis. Open source licensing across package dependencies. In Costas Vassilakis and Nikolaos Tselikas, editors, *PCI 2010: Proceedings of 14th Panhellenic Conference on Informatics*, pages 27–32, Los Alamitos, CA, USA, September 2010. IEEE Computer Society.
20. Konstantinos Kravvaritis, Dimitris Mitropoulos, and Diomidis Spinellis. Cyberdiversity: Measures and initial results. In Costas Vassilakis and Nikolaos Tselikas, editors, *PCI 2010: Proceedings of 14th Panhellenic Conference on Informatics*, pages 135–140, Los Alamitos, CA, USA, September 2010. IEEE Computer Society.

21. Marian Jureczko and Diomidis Spinellis. Using object-oriented design metrics to predict software defects. In *Models and Methodology of System Dependability. Proceedings of RELCOMEX 2010: Fifth International Conference on Dependability of Computer Systems DepCoS*, Monographs of System Dependability, pages 69–81, Wrocław, Poland, 2010. Oficyna Wydawnicza Politechniki Wrocławskiej.
22. Vasileios Vlachos, Diomidis Spinellis, and Stefanos Androutsellis-Theotokis. Biological aspects of computer virology. In *3rd International Conference on e-Democracy*, September 2009.
23. Diomidis Spinellis and Vaggelis Giannikas. Open source adoption in large US companies. In A. Poulymenakou, N. Pouloudi, and K. Pramataris, editors, *MCIS 2009: 4th Mediterranean Conference on Information Systems*, pages 580–587, September 2009.
24. Dimitris Mitropoulos, Vassilios Karakoidas, and Diomidis Spinellis. Fortifying applications against XPath injection attacks. In A. Poulymenakou, N. Pouloudi, and K. Pramataris, editors, *MCIS 2009: 4th Mediterranean Conference on Information Systems*, pages 1169–1179, September 2009.
25. Eirini Kalliamvakou, Georgios Gousios, Diomidis Spinellis, and Nancy Pouloudi. Measuring developer contribution from software repository data. In A. Poulymenakou, N. Pouloudi, and K. Pramataris, editors, *MCIS 2009: 4th Mediterranean Conference on Information Systems*, pages 600–611, September 2009.
26. Dimitris Mitropoulos and Diomidis Spinellis. Securing e-voting against MITM attacks. In Vassilios Chrissikopoulos, Nikolaos Alexandris, Christos Douligeris, and Spyros Sioutas, editors, *PCI 2009: Proceedings of 13th Panhellenic Conference on Informatics*, September 2009.
27. Vassilios Karakoidas and Diomidis Spinellis. J%: Integrating domain specific languages with Java. In Vassilios Chrissikopoulos, Nikolaos Alexandris, Christos Douligeris, and Spyros Sioutas, editors, *PCI 2009: Proceedings of 13th Panhellenic Conference on Informatics*, pages 109–113. IEEE Computer Society, September 2009.
28. Georgios Gousios and Diomidis Spinellis. A platform for software engineering research. In Michael W. Godfrey and Jim Whitehead, editors, *MSR '09: Proceedings of the 6th Working Conference on Mining Software Repositories*, pages 31–40. IEEE, May 2009.
29. Georgios Gousios and Diomidis Spinellis. Alitheia Core: An extensible software quality monitoring platform. In *ICSE '09: Proceedings of the 31st International Conference on Software Engineering — Formal Research Demonstrations Track*, pages 579–582. IEEE, May 2009.
30. Vasilios Almaliotis, Alexandros Loizidis, Panagiotis Katsaros, Panagiotis Louridas, and Diomidis Spinellis. Static program analysis for Java Card applets. In Gilles Grimaud and François-Xavier Standaert, editors, *Smart Card Research and Advanced Applications — CARDIS 2008: Proceedings of the 8th IFIP Smart Card Research and Advanced Application Conference*, pages 17–31. Springer Verlag, September 2008. Lecture Notes in Computer Science 5189.
31. Ioannis Samoladas, Georgios Gousios, Diomidis Spinellis, and Ioannis Stamelos. The SQO-OSS quality model: Measurement based open source software evaluation. In Ernesto Damiani and Giancarlo Succi, editors, *Open Source Development, Communities and Quality — OSS 2008: 4th International Conference on Open Source Systems*, pages 237–248, Boston, September 2008. IFIP 20th World Computer Congress, Working Group 2.3 on Open Source Software, Springer.
32. Georgios Gousios and Diomidis Spinellis. Java performance evaluation using external instrumentation. In Stefanos Gritzalis, Dimitris Plexousakis, and Dionysios Pnevmatikatos, editors, *PCI 2008: 12th Panhellenic Conference on Informatics*, pages 173–177, Los Alamitos, CA, August 2008. IEEE Computer Society.
33. Georgios Atsaras, Diomidis Spinellis, and Panagiotis Louridas. Site-specific versus general purpose web search engines: A comparative evaluation. In Stefanos Gritzalis, Dimitris Plexousakis, and Dionysios Pnevmatikatos, editors, *PCI 2008: 12th Panhellenic Conference on Informatics*, pages 44–48, Los Alamitos, CA, August 2008. IEEE Computer Society.
34. Diomidis Spinellis. CScout: A refactoring browser for C. In Kim Mens, Mark van den Brand, Adrian Kuhn, Holger M. Kienle, and Roel Wuyts, editors, *WASDeTT 2008: International Workshop on Advanced Software Development Tools and Techniques*, July 2008.
35. Diomidis Spinellis. A tale of four kernels. In Wilhelm Schäfer, Matthew B. Dwyer, and Volker Gruhn, editors, *ICSE '08: Proceedings of the 30th International Conference on Software Engineering*, pages 381–390, New York, May 2008. Association for Computing Machinery.
36. Georgios Gousios, Eirini Kalliamvakou, and Diomidis Spinellis. Measuring developer contribution from software repository data. In Ahmed E. Hassan, Michele Lanza, and Michael W. Godfrey, editors, *MSR '08: Mining Software Repositories*, pages 129–132, New York, May 2008. Association for Computing Machinery.

37. Diomidis Spinellis, Georgios Gousios, Vassilios Karakoidas, Panagiotis Louridas, Paul J. Adams, Ioannis Samoladas, and Ioannis Stamelos. Evaluating the quality of open source software. In *SQM 2008: Second International Workshop on Software Quality and Maintainability—12th European Conference on Software Maintenance and Reengineering (CSMR 2008) satellite event*, pages 5–28. The Reengineering Forum, April 2008. Electronic Notes in Theoretical Computer Science Volume 233 (March 2009).
38. Stephanos Androutsellis-Theotokis and Diomidis Spinellis. Ptrim: A market-based approach to managing the risk of peer-to-peer transactions. In Sonia Bergamaschi, Zoran Despotovic, Sam Joseph, and Gianluca Moro, editors, *DBISP2P 2007: Fifth International Workshop on Databases, Information Systems and Peer-to-Peer Computing*, September 2007.
39. Konstantinos Stroggylos and Diomidis Spinellis. Refactoring: Does it improve software quality? In B. Boehm, S. Chulani, J. Verner, and B. Wong, editors, *5th International Workshop on Software Quality*, pages 1–6. ACM Press, May 2007.
40. Vasileios Vlachos, Eirini Kalliamvakou, and Diomidis Spinellis. Simulating bandwidth-limited worms: One graph to rule them all? In Theodore S. Papatheodorou, Dimitris N. Christodoulakis, and Nikitas N. Karanikolas, editors, *Current Trends in Informatics: 11th Panhellenic Conference on Informatics, PCI 2007*, volume B, pages 151–162, Athens, May 2007. New Technologies Publications.
41. Dimitris Mitropoulos and Diomidis Spinellis. Countering SQL injection attacks with a database driver. In Theodore S. Papatheodorou, Dimitris N. Christodoulakis, and Nikitas N. Karanikolas, editors, *Current Trends in Informatics: 11th Panhellenic Conference on Informatics, PCI 2007*, volume B, pages 105–115, Athens, May 2007. New Technologies Publications.
42. Georgios Gousios, Vassilios Karakoidas, Konstantinos Stroggylos, Panagiotis Louridas, Vasileios Vlachos, and Diomidis Spinellis. Software quality assessment of open source software. In Theodore S. Papatheodorou, Dimitris N. Christodoulakis, and Nikitas N. Karanikolas, editors, *Current Trends in Informatics: 11th Panhellenic Conference on Informatics, PCI 2007*, volume A, pages 303–315, Athens, May 2007. New Technologies Publications.
43. Stephanos Androutsellis-Theotokis, Diomidis Spinellis, and Vasileios Vlachos. The MoR-Trust distributed trust management system: Design and simulation results. In Sandro Etalle, Sara Foresti, and Pierangela Samarati, editors, *Proceedings of the Second International Workshop on Security and Trust Management (STM'06)*, pages 3–15, September 2006. Electronic Notes in Theoretical Computer Science, Volume 179, July 2007.
44. Vasileios Vlachos, Andreas Raptis, and Diomidis Spinellis. PROMISing steps towards computer hygiene. In Steven Furnell, editor, *International Network Conference (INC2006)*, pages 229–236, July 2006.
45. Diomidis Spinellis. Global software development in the FreeBSD project. In P. Kruchten, Y. Hsieh, E. MacGregor, D. Moitra, and W. Strigel, editors, *International Workshop on Global Software Development for the Practitioner*, pages 73–79. ACM Press, May 2006.
46. Giorgos Gousios, Vassilios Karakoidas, and Diomidis Spinellis. Tuning Java's memory manager for high performance server applications. In Alexios Zavras, editor, *Proceedings of the 5th International System Administration and Network Engineering Conference SANE 06*, pages 69–83. NLUUG, Stichting SANE, May 2006.
47. Adamantia G. Pateli, George M. Giaglis, and Diomidis D. Spinellis. Trial evaluation of wireless info-communication and indoor location-based services in exhibition shows. In Panagiotis Bozanis and Elias N. Houstis, editors, *Advances in Informatics: 10th Panhellenic Conference on Informatics, PCI 2005*, pages 199–210, Berlin, November 2005. Springer-Verlag. Lecture Notes in Computer Science 3746.
48. Vasileios Vlachos, Vassiliki Vouzi, Damianos Chatziantoniou, and Diomidis Spinellis. NGCE — network graphs for computer epidemiologists. In Panagiotis Bozanis and Elias N. Houstis, editors, *Advances in Informatics: 10th Panhellenic Conference on Informatics, PCI 2005*, pages 672–683, Berlin, November 2005. Springer-Verlag. Lecture Notes in Computer Science 3746.
49. Stephanos Androutsellis-Theotokis, Vassilios Karakoidas, Georgios Gousios, Diomidis Spinellis, and Yannis Charalambidis. Building an e-business platform: An experience report. In Paul Cunningham and Miriam Cunningham, editors, *Innovation and the knowledge Economy — Issues, Applications Case Studies. Proceedings of the eChallenges 2005 conference*, volume 1, pages 199–206, Amsterdam, Netherlands, October 2005. IOS Press.
50. Stephanos Androutsellis-Theotokis, Diomidis Spinellis, and Vassilios Karakoidas. Performing peer-to-peer e-business transactions: A requirements analysis and preliminary design proposal. In Nitya Karmakar and Pedro Isaías, editors, *IADIS International e-Commerce 2004 Conference Proceedings*, pages 399–404, December 2004.

51. Vassilios Karakoidas, Stephanos Androutsellis-Theotokis, Diomidis Spinellis, and Yannis Charalabidis. Applying MDA in enterprise application interoperability: The PRAXIS project. In Harald Kühn, editor, *Workshop on Ontology and Enterprise Modelling: Ingredients for Interoperability*, pages 76–84, December 2004.
52. Yannis Charalabidis, Vassilios Karakoidas, Stephanos Androutsellis-Theotokis, and Diomidis Spinellis. Enabling b2b transactions over the internet through application interconnection: The PRAXIS project. In Paul Cunningham and Miriam Cunningham, editors, *eAdoption and the Knowledge Economy: Issues, Applications and Case Studies*, chapter 7, pages 1554–1561. IOS Press, October 2004. Paper presented at the 2004 e-Challenges Conference, Vienna, Austria.
53. Ada Pateli, Diomidis Spinellis, and Giorgos Giaglis. Wireless info-communication and navigation services in exhibition shows. In Mel Horwitch, editor, *Third International Conference on Mobile Business (ICMB): mBusiness 2004*, July 2004.
54. Diomidis Spinellis, Yannis Charalabidis, and Vassilios Karakoidas. Application interconnection and execution of business to business transactions over the internet. In *20th European Conference on Operational Research (EURO-XX)*. The Association of European Operational Research Societies, July 2004. Poster.
55. George Roussos, George Samaras, and Diomidis Spinellis. Editorial message: Special track on ubiquitous computing. In Hisham M. Haddad, Andrea Omicini, Roger L. Wainwright, and Lorie M. Liebrock, editors, *Proceedings of the 2004 ACM Symposium on Applied Computing*, pages 1565–1566. ACM Press, 2004.
56. Angeliki Tsilira, Adamantia Pateli, Erast Athanasiadis, and Diomidis Spinellis. Targeted messages in indoor mobile environment: A software-oriented approach. In M. H. Hamza, editor, *Proceedings of the IASTED International Conference on Software Engineering*, pages 734–739. IASTED, ACTA Press, February 2004.
57. Konstantinos Chorianopoulos and Diomidis Spinellis. Usability design for the home media station. In Constantine Stephanidis, editor, *Proceedings of the 10th International Conference on Human Computer Interaction — HCI International 2003*, pages 439–443. Lawrence Erlbaum Associates, Inc, June 2003.
58. Konstantinos Chorianopoulos, George Lekakos, and Diomidis Spinellis. The virtual channel model for personalized television. In Judith Masthoff, Richard Griffiths, and Lyn Pemberton, editors, *Proceedings of the European Conference on Interactive Television: from Viewers to Actors?*, pages 59–67, 2003.
59. George Roussos, Panos Kourouthanasis, Diomidis Spinellis, Eugene Gryazin, Mike Pryzbliski, George Kalpogiannis, and George Giaglis. Systems architecture for pervasive retail. In *ACM Symposium on Applied Computing*, pages 631–636, New York, March 2003. ACM, ACM Press.
60. Konstantinos Chorianopoulos, George Lekakos, and Diomidis Spinellis. Intelligent user interfaces in the living room: Usability design for personalized television applications. In *Proceedings of the 2003 International Conference on Intelligent User Interfaces*, pages 230–232. ACM Press, 2003.
61. Ada Pateli, Giorgos Giaglis, and Diomidis Spinellis. Indoor application environments and location-based services. In *Proceedings of Workshop on Location-based Services for Accelerating the European-wide Deployment of Services for the Mobile User and Worker*. The LOBSTER IST Cluster, October 2002.
62. Ioannis Mathes, Adamantia Pateli, Argiris Tsamakos, and Diomidis Spinellis. Context aware services in an exhibition environment- the mEXPRESS approach. In B. Stanford-Smith et al., editor, *Challenges and Achievements in E-business and E-work: Proceedings of the E-business and E-work Conference*, pages 685–692. IOS Press, October 2002.
63. Konstantinos Chorianopoulos and Diomidis Spinellis. A metaphor for personalized television programming. In Noelle Carbonelle and Constantine Stephanides, editors, *Universal Access: Theoretical Perspectives, Practice, and Experience. Proceedings of the 7th ERCIM Workshop on User Interfaces for All*, pages 187–194, Berlin, 2003. Springer-Verlag. Lecture Notes in Computer Science 2615.
64. Panos Kourouthanasis, Diomidis Spinellis, Giorgos Roussos, and Giorgos Giaglis. Intelligent cokes and diapers: MyGrocer ubiquitous computing environment. In *First International Mobile Business Conference*, pages 150–172, July 2002.
65. Victoria Skoularidou and Diomidis Spinellis. Securing the network client. In *Proceedings of the Third International Network Conference INC '02*, pages 389–396, July 2002.
66. Giorgos Gousios and Diomidis Spinellis. A comparison of portable dynamic web content technologies for the apache web server. In *Proceedings of the 3rd International System Administration and Networking Conference SANE 2002*, pages 103–119, May 2002. Best refereed paper award.
67. Diomidis Spinellis. The information furnace: User-friendly home control. In *Proceedings of the 3rd International System Administration and Networking Conference SANE 2002*, pages 145–174, May 2002.



68. Giorgos Lekakos, Kostas Chorianopoulos, and Diomidis Spinellis. Information systems in the living room: A case study of personalized interactive TV design. In *Proceedings of the 9th European Conference on Information Systems*, June 2001.
69. Vassilis Prevelakis and Diomidis Spinellis. Sandboxing applications. In *USENIX 2001 Technical Conference Proceedings: FreeNIX Track*, pages 119–126, Berkeley, CA, June 2001. USENIX Association.
70. Marios Sintichakis, Theodore Kalamboukis, and Diomidis Spinellis. A computer-assisted lexicographic application. In *15th International Symposium on Theoretical & Applied Linguistics*, May 2001.
71. John Iliadis, Diomidis Spinellis, Dimitris Gritzalis, Bart Preneel, and Sokratis Katsikas. Evaluating certificate status information mechanisms. In *Proceedings of the 7th ACM Conference on Computer and Communication Security: CCS '2000*, pages 1–8. ACM, November 2000.
72. Diomidis Spinellis and Dimitris Gritzalis. A domain-specific language of intrusion detection. In *Proceedings of the 1st ACM Workshop on Intrusion Detection Systems*. ACM, November 2000.
73. Ioannis S. Iliadis, Diomidis Spinellis, Sokratis Katsikas, and Bart Preneel. A taxonomy of certificate status information mechanisms. In *Information Security Solutions Europe ISSE 2000*. European Forum for Electronic Business, September 2000.
74. Konstantinos Raptis, Diomidis Spinellis, and Sokratis Katsikas. Java as distributed object glue. In *World Computer Congress 2000*. International Federation for Information Processing, August 2000.
75. Diomidis Spinellis. Outwit: Unix tool-based programming meets the Windows world. In Christopher Small, editor, *USENIX 2000 Technical Conference Proceedings*, pages 149–158, Berkeley, CA, June 2000. USENIX Association.
76. John Tait, Jeremy Ellman, and Diomidis Spinellis. MABLE: a multilingual authoring tool for business letters. In *ASLIB: 21st International Conference on Translating and the Computer*. The Association for Information Management, November 1999.
77. Diomidis Spinellis. Reliable software implementation using domain specific languages. In G. I. Schuëller and P. Kafka, editors, *Proceedings ESREL '99 — The Tenth European Conference on Safety and Reliability*, pages 627–631, Rotterdam, September 1999. ESRA, VDI, TUM, A. A. Balkema.
78. Diomidis Spinellis. Software reliability: Modern challenges. In G. I. Schuëller and P. Kafka, editors, *Proceedings ESREL '99 — The Tenth European Conference on Safety and Reliability*, pages 589–592, Rotterdam, September 1999. ESRA, VDI, TUM, A. A. Balkema.
79. Diomidis Spinellis and Chrissoleon T. Papadopoulos. ExPLOre: A modular architecture for production line optimisation. In Dimitris K. Despotis and Constantin Zopounidis, editors, *Proceedings of the 5th International Conference of the Decision Sciences Institute, DSI '99*, pages 1446–1449. Decision Sciences Institute, July 1999.
80. Dimitrios Lekkas, Sokratis K. Katsikas, Diomidis Spinellis, Pavel Gladychyev, and Ahmed Patel. User requirements of trusted third parties in Europe. In Simone Fisher-Hübner, Gerald Quirchmayr, and Louise Yngström, editors, *User Identification & Privacy Protection: Applications in Public Administration & Electronic Commerce*, pages 229–242. IFIP WG 8.5 and WS 9.6, June 1999.
81. Diomidis Spinellis and Dimitris Gritzalis. Information security best practice dissemination: The ISA-EUNET approach. In Louise Yngström and Simone Fisher-Hübner, editors, *WISE 1: First World Conference on Information Security Education*, pages 111–136. IFIP TC11 WG 11.8, June 1999.
82. Diomidis Spinellis and Chrissoleon T. Papadopoulos. Production line buffer allocation: Genetic algorithms versus simulated annealing. In *Second International Aegean Conference on the Analysis and Modelling of Manufacturing Systems*, pages 89–101. University of the Aegean, Department of Business Administration, May 1999.
83. Stefanos Gritzalis, George Aggelis, and Diomidis Spinellis. Programming languages for mobile code: A problems viewpoint. In *Proceedings of the First International Network Conference INC '98*, pages 210–217. IEE, Internet Research, July 1998.
84. Sokratis Katsikas, Diomidis Spinellis, John Iliadis, and Bernd Blobel. Using TTPs for secure telemedical applications over the WWW: The EUROMED-ETS approach. In *Pre-proceedings of the IMIA WG4 working Conference on Common security solutions for communicating patient data*. International Medical Informatics Association (IMIA), November 1997.
85. Diomidis Spinellis and V. Guruprasad. Lightweight languages as software engineering tools. In *USENIX Conference on Domain-Specific Languages*, pages 67–76, Berkeley, CA, October 1997. USENIX Association.
86. Stefanos Gritzalis and Diomidis Spinellis. Addressing threats and security issues in World Wide Web technology. In *Proceedings CMS '97 3rd IFIP TC6/TC11 International joint working Conference on Communications and Multimedia Security*, pages 33–46. IFIP, Chapman & Hall, September 1997.

87. Stefanos Gritzalis and Diomidis Spinellis. Cryptographic protocols over open distributed systems: A taxonomy of flaws and related protocol analysis tools. In Peter Daniel, editor, *16th International Conference on Computer Safety, Reliability and Security: SAFECOMP '97*, pages 123–137, Berlin, September 1997. European Workshop on Industrial Computer Systems: TC-7, Springer Verlag.
88. Diomidis Spinellis and Chrisoleon T. Papadopoulos. A simulated annealing approach for buffer allocation in reliable production lines. In *International Workshop on Performance Evaluation and Optimization of Production Lines*, pages 365–375. University of the Aegean, Department of Mathematics, May 1997.
89. Stefanos Gritzalis and Diomidis Spinellis. The cascade vulnerability problem for open distributed systems: A review. In *IFIP TC5 WG5.4 3rd International Conference on Reliability, Quality & Safety of Software-Intensive Systems, ENCRESS '97*, pages 175–185. IFIP, Chapman & Hall, May 1997.
90. Diomidis Spinellis, Sophia Drossopoulou, and Susan Eisenbach. An object model for multiparadigm programming. In Dennis Kafura, Greg Lavender, and Siva Challa, editors, *OOPSLA '94 Workshop on Multi-Language Object Models*, October 1994. <http://actor.cs.vt.edu/~siva/wshop.html>.
91. Diomidis Spinellis. The design and implementation of a legal text database. In Dimitris Karagiannis, editor, *DEXA 94: 5th International Conference on Database and Expert Systems Applications*, pages 339–348, Berlin, September 1994. Springer-Verlag. Lecture Notes in Computer Science 856.
92. Diomidis Spinellis, Sophia Drossopoulou, and Susan Eisenbach. Language and architecture paradigms as object classes: A unified approach towards multiparadigm programming. In Jürg Gutknecht, editor, *Programming Languages and System Architectures International Conference*, pages 191–207, Berlin, March 1994. Springer-Verlag. Lecture Notes in Computer Science 782.
93. Diomidis Spinellis. Wux: Unix tools under Windows. In *USENIX Conference Proceedings*, pages 325–336, Berkeley, CA, Winter 1994. USENIX Association.

### 6.7.2 Ελληνικά συνέδρια

1. Διομήδης Σπινέλλης. Το ανοικτό λογισμικό στην εκπαίδευση. Β. Κόμης (επιμελητής έκδοσης) Πρακτικά εισηγήσεων, 4ο Πανελλήνιο Συνέδριο Διδακτικής της Πληροφορικής, σ. 31–32, Πάτρα, Μάρτιος 2008. Πανεπιστήμιο Πατρών, ΕΤΠΕ.
2. Evangelia Koranaki, Vangelis Karkaletsis, Constantine D. Spyropoulos, Nikos Avradinis, Nikos Fakotakis, Theodore Kalamboukis, Basilis Kladis, Yannis Lazarou, Themis Panayiotopoulos, and Diomidis Spinellis. MITOS: An integrated web-based system for information management. Πρακτικά εισηγήσεων 8ο πανελλήνιο συνέδριο πληροφορικής, Λευκωσία, Κύπρος, Νοέμβριος 2001. ΕΠΥ.
3. Διομήδης Σπινέλλης. Νομολογία στο Internet και σε CD-ROM, Πρακτικά εισηγήσεων 1ο Συνέδριο Πληροφορικής ΤΕΕ: Η κοινωνία των πληροφοριών, σ. 546–555, Δεκέμβριος 1995. ΤΕΕ.
4. Διομήδης Σπινέλλης. Ολοκληρωμένη αυτοματοποίηση θερμής έλασης αλουμινίου, Πρακτικά εισηγήσεων Σύγχρονες Τεχνολογίες Αυτομάτου Ελέγχου, σ. 218–221, Δεκέμβριος 1995. ΤΕΕ.
5. Διομήδης Σπινέλλης. Το σύστημα σύνθεσης σχεδιασμού και τρισδιάστατης απεικόνισης αρχιτεκτονικών θεμάτων «Τέκτων», Πρακτικά εισηγήσεων 4ο πανελλήνιο συνέδριο πληροφορικής, σ. 361–372, Πάτρα, Δεκέμβριος 1993. ΕΠΥ.
6. Διομήδης Σπινέλλης. Υλοποίηση εφαρμογών multimedia, Πρακτικά εισηγήσεων multimedia από τη θεωρία στην πράξη, σ. 23–37, Αθήνα, Δεκέμβριος 1992. ΕΠΥ.

### 6.8 Δημοσιευμένες επιστολές σε επιστημονικά περιοδικά και στον τύπο

1. Diomidis Spinellis. Trump's triumph. *The Economist*, November 19th 2016.
2. Diomidis Spinellis. I spy. *The Economist*, 404(8798), August 18th 2012.
3. Diomidis Spinellis. Future CS course already here. *Communications of the ACM*, 49(8):13, 2006.
4. Diomidis Spinellis. Why computing parallels brain function. *Communications of the ACM*, 48(10):11, 2005.

### 6.9 Τεχνικές αναφορές και κείμενα εργασίας

1. Diomidis Spinellis. Research priorities in the area of software technologies. Available online <https://ec.europa.eu/digital-single-market/en/news/>

- [future-trends-and-research-priorities-area-software-technologies](#), March 2017. A report prepared for EU DG Communications Networks, Content and Technology.
- Iván Arce, Kathleen Clark-Fisher, Neil Daswani, Jim DelGrosso, Danny Dhillon, Christoph Kern, Tadayoshi Kohno, Carl Landwehr, Gary McGraw, Brook Schoenfield, Margo Seltzer, Diomidis Spinellis, Izar Tarandach, and Jacob West. Avoiding the top 10 software security design flaws. Technical report, IEEE Computer Society, Center for Secure Design, August 2014.
  - Theodoros Evgeniou, Massimiliano Pontil, Diomidis Spinellis, Rafal Swiderski, and Nick Nassuphis. Regularized robust portfolio estimation. Working Paper 2013/79/DS, INSEAD, Fontainebleau, France, July 2013.
  - Diomidis Spinellis. ckjm — a tool for calculating Chidamber and Kemerer Java metrics. Technical report, Athens University of Economics and Business, Athens, Greece, 2006. Available online.
  - Diomidis Spinellis. The CScout refactoring browser. Technical report, Athens University of Economics and Business, Athens, Greece, 2004. Available online.
  - Diomidis Spinellis. Drawing UML diagrams with UMLGraph. Technical report, Athens University of Economics and Business, Athens, Greece, 2004. Available online.
  - Diomidis Spinellis. Greek character encoding for electronic mail messages. Network Information Center, Request for Comments 1947, May 1996. RFC-1947.
  - Diomidis Spinellis. The software management process at ECRC. Project report, Imperial College, London, UK, January 1990.
  - Diomidis Spinellis. The design and implementation of a two process Prolog debugger. Technical Report IR-LP-31-21, ECRC GmbH, Munich, Germany, August 1989.
  - Duncan White, Jan-Simon Pendry, and Diomidis Spinellis. Unix PDP-11 emulator (as11 & em11) user's guide. Laboratory documentation, Imperial College, London, UK, January 1989.
  - Diomidis Spinellis. A dynamically linkable graphics library. Unpublished article, Imperial College, London, UK, March 1988.

## 6.10 Βιβλιοκρισίες

- Diomidis Spinellis. Book review: Beginning Android 3. *ACM Computing Reviews*, 2012.
- Diomidis Spinellis. Book review: Programming in Scala: A comprehensive step-by-step guide. *ACM Computing Reviews*, 51(12), December 2010.
- Diomidis Spinellis. Book review: Principles of computer system design: An introduction. *ACM Computing Reviews*, 51(11), November 2010.
- Diomidis Spinellis. Book review: The art of debugging with GDB, DDD, and Eclipse. *ACM Computing Reviews*, 51(3), March 2010.
- Diomidis Spinellis. Book review: Effective Java (2nd ed.). *ACM Computing Reviews*, 51(3), March 2010.
- Diomidis Spinellis. Book review: Learn to Tango with D. *ACM Computing Reviews*, 50(7), July 2009.
- Diomidis Spinellis. Book review: Processing: A programming handbook for visual designers and artists. *ACM Computing Reviews*, 50(2), February 2009.
- Diomidis Spinellis. Book review: Introduction to scientific visualization. *ACM Computing Reviews*, 49(9), September 2008.
- Diomidis Spinellis. Book review: Security in computing (4th ed.). *ACM Computing Reviews*, 49(5), May 2008.
- Diomidis Spinellis. Book review: Wicked cool Java: code bits, open-source libraries, and project ideas. *ACM Computing Reviews*, 48(12), December 2007.
- Diomidis Spinellis. Book review: The software development edge: essays on managing successful projects. *ACM Computing Reviews*, 48(11), November 2007.
- Diomidis Spinellis. Book review: Sustainable software development: an agile perspective. *ACM Computing Reviews*, 48(10), October 2007. Reprinted in *ACM Queue* 4(10):49, December 2006.
- Diomidis Spinellis. Software engineering for the rest of us. *IEEE Software*, 24(4):107, July/August 2007. Book Review: Code Craft: The Practice of Writing Excellent Code.
- Diomidis Spinellis. Book review: Computer graphics and geometric modelling. *ACM Computing Reviews*, 48(3), March 2007.
- Diomidis Spinellis. Book review: Ajax in action. *ACM Computing Reviews*, 47(12), December 2006.

16. Diomidis Spinellis. Book review: Working effectively with legacy code. *ACM Computing Reviews*, 47(11), November 2006.
17. Diomidis Spinellis. Book review: Hackers & painters: Big ideas from the computer age. *ACM Computing Reviews*, 46(6):382–383, June 2005.
18. Diomidis Spinellis. Book review: The design and implementation of the FreeBSD operating system. *ACM Computing Reviews*, 46(9):560–561, September 2005.
19. Diomidis Spinellis. Coding for numbers. *IEEE Software*, 22(1):95–96, January/February 2005. Book Review: Numerical Recipes in C++: The Art of Scientific Computing, 2nd edition.
20. Diomidis Spinellis. Book review: Agile software development: Principles, patterns, and practices. *ACM Computing Reviews*, 2004.
21. Diomidis Spinellis. Book review: Bell Labs: Life in the crown jewel. *ACM Computing Reviews*, 45(1):12, January 2004.
22. Diomidis Spinellis. Book review: Contributing to Eclipse: Principles, patterns, and plugins. *ACM Computing Reviews*, 45(11):690–691, November 2004.
23. Diomidis Spinellis. Book review: Beyond fear: Thinking sensibly about security in an uncertain world. *ACM Computing Reviews*, 45(5), May 2004.
24. Diomidis Spinellis. Book review: Software ecosystem: Understanding an indispensable technology and industry. *ACM Computing Reviews*, 45(6):345, June 2004.
25. Diomidis Spinellis. Clichés can be both tiring and helpful. *IEEE Software*, 21(3):105, May/June 2004. Book Review: More Secrets of Consulting: The Consultant’s Tool Kit.
26. Diomidis Spinellis. Book review: UNIX systems programming: Communication, concurrency, and threads. *ACM Computing Reviews*, 45(3):142–143, March 2004.
27. Diomidis Spinellis. Book review: The art of Unix programming. *ACM Computing Reviews*, 44(12):754–755, September 2003.
28. Diomidis Spinellis. Book review: The algorithmic beauty of sea shells. *ACM Computing Reviews*, 44(10):627, October 2003.
29. Diomidis Spinellis. Book review: Bebop to the Boolean boogie: an unconventional guide to electronics fundamentals, components and processes. *ACM Computing Reviews*, 44(9):513–514, September 2003.
30. Diomidis Spinellis. Book review: Spiking neuron models: Single neurons, populations, plasticity. *ACM Computing Reviews*, 44(5):272–273, May 2003.
31. Diomidis Spinellis. Book review: Types and programming languages. *ACM Computing Reviews*, 44(4):193–194, April 2003.
32. Diomidis Spinellis. Book review: Non-photorealistic computer graphics: Modeling, rendering, and animation. *ACM Computing Reviews*, 44(3):141, March 2003.
33. Diomidis Spinellis. Book review: Java enterprise in a nutshell: a desktop quick reference. *ACM Computing Reviews*, 44(2):74, February 2003.
34. Diomidis Spinellis. Book review: SSL and TLS: Designing and building secure systems. *ACM Computing Reviews*, 43(4):127–128, April 2002.
35. Diomidis Spinellis. Book review: Building secure software: How to avoid security problems the right way. *ACM Computing Reviews*, 43(4):103–104, April 2002.
36. Diomidis Spinellis. A gentle introduction to embedded systems. *IEEE Software*, 19(1):101–102, January/February 2002. Book Review: Microcontroller Projects with Basic Stamps.
37. Diomidis Spinellis. Book review: Perl developer’s guide. *ACM Computing Reviews*, 41(10):364, October 2001.
38. Diomidis Spinellis. Book review: Virtual private networks: Technologies and solutions. *ACM Computing Reviews*, 42(9):254–255, September 2001.
39. Diomidis Spinellis. Practical testing advice. *IEEE Software*, 18(3):104–105, May/June 2001. Book Review: Testing Computer Software.
40. Diomidis Spinellis. Book review: Building Internet firewalls. *ACM Computing Reviews*, 42(5):155–156, May 2001.
41. Diomidis Spinellis. Practical programming advice. *IEEE Software*, 17(6):104–105, November/December 2000. Book Review: The Pragmatic Programmer.
42. Diomidis Spinellis. Book review: LaTeX for Linux: a vade mecum. *ACM Computing Reviews*, 41(3):154, March 2000.
43. Diomidis Spinellis. Taking common sense to the extreme. *IEEE Software*, 17(4):113–114, July/August 2000. Book

- Review: eXtreme Programming Explained: Embrace Change.
44. Diomidis Spinellis. Book review: Object oriented Perl. *ACM Computing Reviews*, December 1999.
  45. Diomidis Spinellis. Book review: Securing Java: Getting down to business with mobile code. *ACM Computing Reviews*, 40(8):378–379, August 1999.
  46. Diomidis Spinellis. Decrypting the past and exploring the future. *IEEE Software*, 16(4):114–115, July/August 1999. Book Review: *Decrypted Secrets: Methods and Maxims of Cryptology*.
  47. Diomidis Spinellis. Book review: Intrusion detection: Network security beyond the firewall. *ACM Computing Reviews*, 40(2):84–85, February 1999.
  48. Diomidis Spinellis. Book review: Hacker proof: the ultimate guide to network security. *ACM Computing Reviews*, 39(9):437–438, September 1998.
  49. Diomidis Spinellis. Book review: Java in a nutshell (2nd ed.): A desktop quick reference. *ACM Computing Reviews*, 39(8):397, August 1998.
  50. Diomidis Spinellis. Book review: Intranet security. *ACM Computing Reviews*, 39(3):132, March 1998.
  51. Diomidis Spinellis. Book review: High speed Windows applications: Multitasking design methods. *ACM SIGPLAN Notices*, 30(7):4, July 1995.

## 6.11 Δημοσιεύσεις σε περιοδικά του χώρου της πληροφορικής και της διοίκησης

### 6.11.1 Διεθνή περιοδικά

1. Diomidis Spinellis. What I learned from fixing my laptop's motherboard. *Hacker Monthly*, 14:22–23, July 2011.
2. Diomidis Spinellis. 10 tips for spotting low-quality open source code. *Enterprise Open Source Journal*, 2(5):18–21, Sept/Oct 2006.
3. Diomidis Spinellis. Code finessing. *Dr. Dobbs's*, 31(11):58–63, November 2006.
4. Markos Gogoulos and Diomidis Spinellis. Using Linux live CDs for penetration testing. *;login:*, 31(3):40–45, June 2006.
5. Diomidis Spinellis. Some types of memory are more equal than others. *;login:*, 31(2):29–36, April 2006.
6. Diomidis Spinellis. Reading, writing, and code. *ACM Queue*, 1(7):84–89, October 2003.
7. Diomidis Spinellis. Organized pruning of file sets. *;login:*, 28(3):39–42, June 2003.
8. Diomidis Spinellis. A modest proposal for curing the public field phobia. *ACM SIGPLAN Notices*, 37(4):54–56, April 2002.
9. Diomidis Spinellis. Optimal peripheral access using pipe-based double-buffering. *;login:*, 24(4):43–45, August 1999.
10. Diomidis Spinellis. Declarative peephole optimization using string pattern matching. *ACM SIGPLAN Notices*, 34(2):47–51, February 1999.
11. Diomidis Spinellis. Small tools for automatic text generation. *;login:*, 23(4):44–47, August 1998.
12. Diomidis Spinellis and Rob Kolstad. A conversation about Perl and the shell: Choosing the implementation vehicle. *;login:*, 22(3):25–31, June 1997.
13. Diomidis Spinellis. Trace: A tool for logging operating system call transactions. *Operating Systems Review*, 28(4):56–63, October 1994.
14. Diomidis Spinellis. Type-safe linkage for variables and functions. *ACM SIGPLAN Notices*, 26(8):74–79, August 1991.

### 6.11.2 Ελληνικά περιοδικά

1. Διομήδης Σπινέλλης. Προτεραιότητες και κατευθύνσεις για την ηλεκτρονική διακυβέρνηση. *Manager*, (41):42–45, Νοέμβριος – Δεκέμβριος 2016.
2. Διομήδης Σπινέλλης. FreeBSD: Ανάπτυξη λογισμικού σε παγκόσμια κλίμακα. *Linux Format*, (11):60–63, Σεπτέμβριος/Οκτώβριος 2006.
3. Διομήδης Σπινέλλης. Ερωτήσεις και απαντήσεις για τις τηλεφωνικές υποκλοπές. *Περιοδικό On-Line*, (9):16–18, Ιούνιος 2006.
4. Διομήδης Σπινέλλης. Περιμένοντας το επόμενο περιστατικό υποκλοπών. *Popular Science (ένθετο της Κυριακάτικης Καθημερινής)*, 3, Ιούνιος 2006.

5. Διομήδης Σπινέλλης. Αν. Περιοδικό netweek, σ. 24, Σεπτέμβριος 2005.
6. Διομήδης Σπινέλλης. Το Screen Machine MS-Access toolkit. Περιοδικό Win, January 1995.
7. Διομήδης Σπινέλλης. Προστατεύοντας τα προγράμματα από παράνομη αντιγραφή. Περιοδικό Win, σ. 75–77, Μάρτιος 1994.
8. Διομήδης Σπινέλλης. Υλοποίηση εφαρμογών multimedia: Ελέγχοντας τη video machine. Περιοδικό Win, Νοέμβριος 1993.
9. Διομήδης Σπινέλλης. Υλοποίηση εφαρμογών multimedia: Χειρισμός κινούμενης εικόνας. Περιοδικό Win, Οκτώβριος 1993.
10. Διομήδης Σπινέλλης. Υλοποίηση εφαρμογών multimedia: Έλεγχος πολυμέσων με το πρότυπο MCI. Περιοδικό Win, σ. 89–92, Σεπτέμβριος 1993.
11. Διομήδης Σπινέλλης. Υλοποίηση εφαρμογών multimedia: Μέθοδοι αποθήκευσης και συμπίεσης. Περιοδικό Win, σ. 80–83, Ιούλιος 1993.
12. Διομήδης Σπινέλλης. Υλοποίηση εφαρμογών multimedia: Εργαλεία ανάπτυξης. Περιοδικό Win, σ. 65–68, Ιούνιος 1993.
13. Διομήδης Σπινέλλης. Υλοποίηση εφαρμογών multimedia: Προγραμματίζοντας το Windows API. Περιοδικό Win, σ. 64–68, Απρίλιος 1993.
14. Διομήδης Σπινέλλης. Υλοποίηση εφαρμογών multimedia: Εισαγωγή. Περιοδικό Win, σ. 86–89, Μάρτιος 1993.

## 6.12 Προσκεκλημένος ομιλητής

1. Diomidis Spinellis. Half-century of Unix: History, preservation, and lessons learned. Keynote address, June 2017. OW2con'17: New Challenges of Mainstream Open Source Software — Re-inventing business models and value propositions. Paris, France.
2. Diomidis Spinellis. The most important design flaws in IT security and how to avoid them. Keynote address, June 2017. 3rd Annual ICT Security World Congress.
3. Diomidis Spinellis. Greece: Charting a path towards effective e-government. Invited talk, June 2017. 2017 Korean-Hellenic Cooperation Forum.
4. Diomidis Spinellis. Half-century of Unix: History, preservation, and lessons learned. Keynote address, May 2017. MSR 2017: 14th International Conference on Mining Software Repositories. ACM / IEEE. Buenos Aires, Argentina.
5. Diomidis Spinellis. The Unix history repository: Tts creation, contents, and use. Invited talk, April 2017. Faculty of Engineering, Mathematics and Computer Science, Delft University of Technology, Delft, The Netherlands.
6. Diomidis Spinellis. The Unix history repository: Tts creation, contents, and use. Invited talk, March 2017. Department of Electrical and Computer Engineering, McGill University, Montreal, Canada.
7. Diomidis Spinellis. From pipelines to graphs: Escape the tyranny of the shell's linear pipelines with dgsh. Lightning talks track, February 2017. FOSDEM '17: Free and Open Source Software Developers' European Meeting. Brussels, Belgium.
8. Diomidis Spinellis. The role of transparency in overcoming the crisis. Invited talk, December 2016. 9th Transparency International Greece Yearly Conference. Reforms and Transparency: What we Learn from the Crisis. Athens, Greece.
9. Diomidis Spinellis. Domain-specific languages in practice. Invited talk, November 2016. 3rd Software for Domain Experts conference. Athens, Greece.
10. Diomidis Spinellis. Research priorities in software technologies. Invited talk, October 2016. Expert Workshop: Challenges and Opportunities for the European Software Industry. Brussels, Belgium.
11. Diomidis Spinellis. Remove and prevent: Dealing with bugs in software and systems. Invited talk, June 2016. GOTO Amsterdam International Software Development Conference. Amsterdam, Netherlands.
12. Diomidis Spinellis. The Unix history in a repository: 44 years of Unix history in one Git repo. Lightning talks track, January 2016. FOSDEM '16: Free and Open Source Software Developers' European Meeting. Brussels, Belgium.
13. Diomidis Spinellis. C code refactoring: Working with CScout, the C refactoring browser. Lightning talks track, January 2016. FOSDEM '16: Free and Open Source Software Developers' European Meeting. Brussels, Belgium.
14. Diomidis Spinellis. Software engineering in the cloud. Invited talk, October 2015. Software Experts Summit 2015: The Future of Software Engineering. Beijing, China.
15. Diomidis Spinellis. A repository with 44 years of Unix history evolution. Invited talk, October 2015. Department of Computer Science and Technology, Tsinghua University, Beijing, China.

16. Diomidis Spinellis. A repository with 44 years of Unix history evolution. Invited talk, October 2015. Department of Computer Science and Technology, Peking Univeristy, Beijing, China.
17. Diomidis Spinellis. sgsh: Scatter-gather operations on large data sets and streams. Invited talk, November 2014. Department of Computer Science, Columbia University, New York, USA.
18. Diomidis Spinellis. Engineering software analytics studies. Keynote address, September 2014. ESEM 2014: 8th International Symposium on Empirical Software Engineering and Measurement. ACM / IEEE. Torino, Italy.
19. Diomidis Spinellis. 42 years of Unix history in one repository. Presentation, June 2014. Dagstuhl Seminar on Software Development Analytics. LZI Schloss Dagstuhl, Germany.
20. Diomidis Spinellis. Against the odds: Managing the unmanagable in a time of crisis. Keynote address, June 2014. CAiSE 2014: 26th International Conference on Advanced Information Systems Engineering. Thessaloniki, Greece.
21. Diomidis Spinellis. Sgsh: Scatter-gather operations on large data sets and streams. Presentation, September 2013. ASDS 13: Augmenting Software Developer Support to Improve Productivity. Centro Stefano Franscini, Ascona, Switzerland.
22. Diomidis Spinellis. Theory meets reality: Managing IT systems at the Greek ministry of finance. Keynote address, November 2012. 8th European Computer Science Summit. Informatics Europe. Barcelona, Spain.
23. Diomidis Spinellis. Eurozone in crisis: The administrative basis of macroeconomic meltdowns. Invited panel presentation, October 2012. Strategic Management Society: SMS 32nd Annual International Conference: Strategy in Transition.
24. Diomidis Spinellis. Guerrilla tactics in government administration. Talk, September 2012. TEDx Academy. Athens, Greece.
25. Diomidis Spinellis. Fatal injection (and what you can do about it). Keynote address, July 2012. OWASP AppSec Research conference.
26. Diomidis Spinellis. Theory meets reality: Managing IT systems at the Greek Ministry of Finance. Invited talk, June 2012. Software Experts Summit 2012: Mastering Uncertainty in the Software Industry: Risks, Rewards, and Reality. British Computer Society, London, UK.
27. Diomidis Spinellis. UMLGraph and the declarative drawing of diagrams. Invited talk, April 2012. ACCU Conference. Oxford, UK.
28. Diomidis Spinellis. Fair end efficient management of public revenue: Problems and proposals. Hellenic Foundation for European and Foreign Policy. Public debate: Tax evasion and Social Justice. Available online <http://www.eliamep.gr/wp-content/uploads/2011/12/2011-12-13-tax-system-2.pdf>., December 2011. In Greek.
29. Diomidis Spinellis. Farewell to disks: Efficient processing of obstinate data. Keynote address, November 2011. ITPro Dev Connections 2011. In Greek.
30. Diomidis Spinellis. Farewell to disks: Efficient processing of obstinate data. Invited talk, October 2011. Imperial College London. Department of Computing. LSDS — Large-Scale Distributed Systems Group.
31. Diomidis Spinellis. Farewell to disks: Efficient processing of obstinate data. Invited talk, April 2011. ACCU Conference. Oxford, UK.
32. Diomidis Spinellis. Farewell to disks: Efficient processing of obstinate data. Invited talk, March 2011. IRILL — Center for Research and Innovation on Free Software. Paris, France.
33. Diomidis Spinellis. Farewell to disks: Efficient processing of obstinate data. Distinguished Lecturer Series “Leon the Mathematician” at the Department of Informatics, Aristotle University of Thessaloniki Greece, March 2011.
34. Diomidis Spinellis. The Unix toolchest: Power tools for power programmers. Invited talk, April 2010. ACCU Conference. Oxford, UK.
35. Diomidis Spinellis. Security and trust. Invited talk (in Greek), March 2010. IDC IT Security Roadshow 2010: Battling Sophisticated Threats: Security Strategies for the Resilient Enterprise. Athens, Greece.
36. Diomidis Spinellis. Locating and addressing performance issues. Invited talk, February 2010. OOP 2010 — Productivity: People, Process, and Technology. Munich, Germany.
37. Diomidis Spinellis. Beyond four kernels: A platform for software engineering research. Invited talk, June 2009. University of Southern California. Department of Computer Science. Los Angeles, CA.
38. Diomidis Spinellis. The Antikythera mechanism: Hacking with gears. Invited talk, June 2009. USENIX Annual Technical Conference. San Diego, CA.
39. Diomidis Spinellis. Locating and addressing performance issues. Invited talk, April 2009. ACCU Conference. Oxford, UK.

40. Diomidis Spinellis. Evaluating the quality of open source software. Invited talk, October 2008. Technical Workshop on Software Development and Communities. Madrid, Spain.
41. Diomidis Spinellis. Evaluating the quality of open source software. Invited talk, April 2008. SQM 2008: Second International Workshop on Software Quality and Maintainability. Athens, Greece.
42. Diomidis Spinellis. Open source in education, March 2008. Keynote address at the 4th Panhellenic Conference on Computer Science Education. (In Greek.).
43. Diomidis Spinellis. An academic's view of broadband connectivity. Invited talk, July 2007. Athens University of Economics and Business. (In Greek).
44. Diomidis Spinellis. The Antikythera Mechanism on the OLPC. Invited talk, June 2007. Aristotle University of Thessaloniki, Department of Informatics. (In Greek).
45. Diomidis Spinellis. The Antikythera Mechanism on the OLPC. In *Workshop on Software Trends*, Porto Alegre, Brazil, April 2007. ESICenter Brasil.
46. Diomidis Spinellis. Global software development in the FreeBSD project. In *Free/Open Source Software: Research, Communities and Industry*, Thessaloniki, Greece, December 2006. Aristotle University of Thessaloniki.
47. Diomidis Spinellis. Global software development in the FreeBSD project. In *NASSCOM Quality Summit 2006: Setting benchmarks in global outsourcing*, Bangalore, India, September 2006. National Association of Software and Services Companies (NASSCOM). Invited talk.
48. Diomidis Spinellis. The role of open standards and systems in establishing IT security. In *National Strategy Principles for Data and Network Confidentiality and Security*. Hellenic Authority for the Information and Communication Security and Privacy (ADAE), April 2005. In Greek.
49. Diomidis Spinellis. Securing open source software. Information Security Matrix Forum 2003, November 2003.
50. Diomidis Spinellis. Citizen and infrastructure security on the internet. Workshop: Cybersecurity and European Citizens: Awareness and Best Practices in the Digital Age, May 2003. In Greek.
51. Diomidis Spinellis. On the availability of e-government services. European Union, Greek Presidency 2003, Ministry of Interior, Public Administration and Decentralization. Meeting of the e-Government Working Group, March 2003.
52. Diomidis Spinellis. Reliable software implementation using domain-specific languages. Workshop: Analysis and Dimensioning Software — Problems and Applications. University of Thessaloniki, Structural Engineering Department. Postgraduate programme on aseismic design., May 2000. In Greek.
53. Diomidis Spinellis. Cryptography policy in the USA and the European Union. Seminar: IKAROS human network, December 1997. In Greek.
54. Diomidis Spinellis. The transition to Intranet technologies. Talk given to the Athens Netware User's Group, February 1997. In Greek.
55. Diomidis Spinellis. Applying ISO-9001 to the development, supply, and maintenance of software. Seminar: Imperial College, Department of Computing, June 1996.
56. Diomidis Spinellis. Client/server development tools issues. Business Technology '95: Meeting on Client / Server Development tools jointly organised by the Greek Informatics Institute and Greek Management Society, April 1995. In Greek.

### 6.13 Μεταφρασμένα έργα

1. Κινεζική μετάφραση του βιβλίου «*Effective Debugging*», ISBN 978-7-121-31531-2.
2. Ιαπωνική μετάφραση του βιβλίου «*Effective Debugging*», ISBN 978-4-87311-799-7.
3. Κορεάτικη μετάφραση του βιβλίου «*Effective Debugging*», ISBN 9788968487781.
4. Ρωσική μετάφραση του βιβλίου «*Beautiful Architecture*», ISBN 978-5-93286-175-2.
5. Κινεζική μετάφραση του βιβλίου «*Beautiful Architecture*», ISBN 978-7-111-28356-0.
6. Δεύτερη Κινεζική μετάφραση του βιβλίου «*Beautiful Architecture*», ISBN 978-986-276-398-8.
7. Ιαπωνική μετάφραση του βιβλίου «*Beautiful Architecture*», ISBN 978-4-87311-430-9.
8. Κινέζικα σχολιασμένα έκδοση του του βιβλίου «*Code Quality*», ISBN 9787111226710.
9. Διομήδης Σπινέλλης. Ποιότητα κώδικα: Η προοπτική του ανοιχτού λογισμικού. Εκδόσεις Κλειδάριθμος, 2008. (Ελληνική μετάφραση του βιβλίου «*Code Quality*», ISBN 978-960-461-123-2).
10. Κινέζικη μετάφραση του βιβλίου «*Code Quality*», ISBN 9787115167934.
11. Δεύτερη Κινέζικη μετάφραση του βιβλίου «*Code Quality*», ISBN 978-7-121-17421-6.



12. Ιαπωνική μετάφραση του βιβλίου «*Code Quality*», ISBN 978-4-8399-1979-5.
13. Διομήδης Σπινέλλης. Ανάγνωση κώδικα: Η προοπτική του ανοιχτού λογισμικού. Εκδόσεις Κλειδάριθμος, 2005.  
(Ελληνική μετάφραση του βιβλίου «*Code Reading*», ISBN 960-209-845-7).
14. Πολωνική μετάφραση του βιβλίου «*Code Reading*», ISBN 83-7361-555-5.
15. Κορεάτικη μετάφραση του βιβλίου «*Code Reading*», ISBN 89-5674-186-7.
16. Ρωσική μετάφραση του βιβλίου «*Code Reading*», ISBN 5-8459-0604-0.
17. Ιαπωνική μετάφραση του βιβλίου «*Code Reading*», ISBN 4-8399-1265-3.
18. Κινεζική μετάφραση του βιβλίου «*Code Reading*», ISBN 7-302-08072-0.
19. Δεύτερη Κινεζική μετάφραση του βιβλίου «*Code Reading*», ISBN 978-7-121-17481-0.