

Prof Ivica Crnkovic – Curriculum Vitae, 2014-10-01

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Professional Preparation

- Ph.D. in Computer Science from Zagreb University, Croatia, 1991. Thesis: *Large Scale Software System Management*.
- Technical Licentiate in Computer Science from Zagreb University, Croatia, 1983. Thesis: *Cross assembler generator*
- M.Sc. in Theoretical Physics, University of Zagreb, Croatia, 1984, *Solid-state plasma oscillations*
- M.Sc. in Electrical Engineering, University of Zagreb, 1979, *Configurations of Industrial Control System*

Employments

- 2014 - Professor in Software Engineering at Chalmers University, Västerås, Sweden
- 2000 - Professor in Industrial Software Engineering at Mälardalen University, Västerås, Sweden
- 1999 - 2000 Senior lecturer at Mälardalen University, Västerås, Sweden
- 1989 - 1999 Development Manager/Project Manager at ABB Automation Products, Västerås Sweden
- 1985 - 1985 Consultant at ABB Automation Products, Västerås, Sweden.
- 1979 – 1985 Software Development Engineer at Koncar, Industrial Systems, Zagreb, Croatia

Additional Appointments

- 2011- 2014 Director if ITS-EASY Industrial PhD school
- 2010- Professor in Software Engineering at Osijek University, Osijek, Croatia
- 2009- 2013 MBA Study director, IT Management, School of Economics and Management, Zagreb
- 2005 - Guest Professor at University of Zagreb, Faculty of Electrical Engineering and Computing
- 2008 - 2011 Chair Software Engineering Division at Mälardalen University
- 2003 - 2008 Chair Software Engineering Laboratory at Mälardalen University
- 2006 - 2007 Director of Software Engineering Master Study
- 2001 - 2003 Assistant Chair Department of Computer Science and Engineering, Mälardalen University,
- 2000 - 2003 Chair Computer Science Laboratory Mälardalen University
- 1997 - 1999 Responsible worldwide for Development Environment - at ABB Automation Products
- 1992 -1997 Group and section development manager, ABB Automation Products, Västerås, Sweden

Grants

| Personal grants and grants achieved as the proposal coordinator or coordinator at MDH | | | |
|---|--|------------------------------|-----------|
| 2013-2018 | ITS-EASY+ – Industrial Research School in Embedded Software and Systems | KKS & 8 companies | 42 MSEK |
| 2013-2016 | HELPING: Heterogeneous Platform Deployment Modelling of Embedded Systems | Swedish Research Council | 2,55 MSEK |
| 2012-2017 | RALF3 - Software for Embedded High Performance Architectures | SSF | 29 MSEK |
| 2012-2013 | Linnaeus-Palme Project – Sweden – Croatia (MDH – ETFOS/Osijek) – Students and teacher exchange | Swedish International office | 0,1 MSEK |
| 2011-2013 | Linnaeus-Palme Project – Sweden – Brazil (MDH – UFBA/Salvador) – Students and teacher exchange | Swedish International office | 0,5 MSEK |
| 2011-2017 | ITS-EASY – Industrial Research School in Embedded Software and Systems | KKS & 10 companies | 50 MSEK |
| 2010-2014 | CONTESSE – a frame program, - contact-based components for | Swedish Research | 8,5 MSEK |

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| | embedded systems | Council | |
| 2009-2010 | ECSS - Efficient Certification of functional Safety for Software systems | KKS & CC Systems | 0,7 MSEK |
| 2009-2010 | F IND - Flexibilitet i Industriella system | KKS & ENEA | 0,53 MKSEK |
| 2008-2009 | BALSOP - Balancing Software Development | KKS & ABB | 0,66 MSEK |
| 2008-2011 | DICES – Distributed Component-based Embedded Systems | Croatian Government | 200 K€ |
| 2007-2010 | ISE - Industrial Software Engineering Master program | KKS | 2 MSEK |
| 2007-2010 | Hi5 - A Holistic and Improved Infrastructure for Increased Industrial Impact of research | Vinnova | 10 MSEK |
| 2007 | Hi5 preparation | Vinnova | 0,1 MSEK |
| 2008-2010 | EU STREP – Q-Impress – Quality prediction in Service Software | EU-FP7 | 1 000 K€ (MDH) |
| 2007-2009 | FLEXI - Flexible Global Product Development and Integration | ITEA2 | 5,5 MSEK (MDH) |
| 2006-2007 | SoftIn “Software Introduction to small companies” | EU “Goal 2” | 0,9 MSEK |
| 2004-2007 | ARTIST2, Advanced Real-time systems NoE | EU FP6 | 10 K€ (MDH) |
| 2004 | Proposal for Vinnova excellence centre proposal | Vinnova | 0,25 MSEK |
| 2003-2005 | FLEXCON – Flexible controllers | SSF | 1,2 MSEK |
| 2002-2004 | DOTS | EU FP5 | 100 K€ (MDH) |
| 2002-2004 | ARTIST - Advanced Real-time systems NoE | EU FP5 | 80 K € (MDH) |
| 2001-2006 | Professorship position at MDH | ABB donation | 9,6 MSEK |
| Member of the core research staff achieving the following Swedish grants | | | |
| 2006-2011 | PROGRESS excellence centre | SSF | 50 MSEK |
| 2006-2008 | SAVE++ | SSF | 2 MSEK |
| 2003-2006 | SAVE | SSF | 18 MSEK |
| 2006- | SAVE-IT industrial school | KKS | 20 MSEK |

Graduate and Undergraduate courses developed and taught

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|-------------|---|---------------------|---|
| 2001 - 2014 | Advanced Component-based software engineering | PhD & master course | MDH |
| 2003 - 2014 | Distributed Software Development | Master course | MDH, University of Zagreb and Politecnico di Milano |
| 2008 - 2014 | Software Engineering Project | Master course | MDH |
| 2012 - | Formal Languages and Automata | Master course | MDH and University Osijek |
| 2010 - 2014 | System Analysis and Design | MBA Course | Zagreb School of Economics and Management |
| 2008 – | Software Modeling and Design | Master course | MDH and University Osijek |
| 2007 - | Software Processes | PhD Course | University of Zagreb |
| 2007 - | Component-based development | PhD Course | University of Zagreb |
| 2009 - | Component-based development | PhD Course | University of Split |
| 2003 - 2005 | Component Technologies | Master course | MDH |
| 2005 - 2007 | Software Projects management | Master Course | Zagreb School of Economics and Management |
| 2000 - 2007 | Software Engineering Course | Bachelor course | MDH |
| 2001 - 2003 | Research project planning | Ph.D. course | MDH |
| 1995 - 2001 | Unix Course | Bachelor course | MDH |
| 1999 | Object Oriented programming Using C++ | Bachelor course | MDH |
| 1999 - | Guest lecturer to 30 different courses | | |

Awards:

- a student team, the overall winner of SCORE@ICSE 2013, San Francisco
- 2 student teams out of 5 teams at SCORE@ICSE 2011, Hawaii
- 3 student teams out of 6 teams in the finale at SCORE@ICSE 2009, Vancouver, and one team as the overall winner

Merits of Relevance

Supervision

- Supervising currently 4 Ph.D. students. In addition 14 students have completed the studies, 10 have obtained PhD degree (2004 Magnus Larsson, 2006: Rikard Land, Frank Lüders, 2007: Stig Larsson, 2008: Johan Fredriksson, Mikael Åkerholm, 2010 Kurt Wallnau, 2011 Hongyu Pei-Breivold, 2012 Aneta Vulgarakis, 2012 Séverine Sentilles, 2014 Josup Maras) and 3 Licentiate degrees (2003: Christina Wallin , 2004, Goran Mustapic, 2005: Annita Persson-Dahlqvist)
- Examiner of more than 80 master thesis

Additional Management activities

- Director of ITS-EASY PhD Industrial research school (2011 - 2014)
- Deputy director of MRTC Research centre at Mälardalen University (2011 - 2014)
- Director of Software Engineering Master study, 2006 – 2007
- Organizer and coordinator of GSEEM – Global Software Engineering Program, a common master program of 4 EU universities (2007 -)
- Member of several projects and member of reference group of several projects at “The Association of Swedish Engineering Industries”(1996-2002)

Conference and research-events organization

- General Chair of European Conference on Software Architecture, 2015
- PC Chair of COMPSAC 2015
- General Chair of Automated Software Engineering Conference, ASE 2014
- General Chair of ACM CompArch (Components and Architecture) – federated conference event 2011
- Program Chair of ECSA (European Software Engineering Conference) 2011
- General Chair of European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering, ESEC/FSE 2007
- Chair of Steering Committee of COMPARCH – federated conferences. 2008 –2011
- Member of the steering committee of CBSE symposium
- Member of the steering committee of ESEC/FSE conferences
- Co-chair of the technical board of Chair of Euromicro Conference on Software Engineering and Advanced Applications, 2006 -
- General Chair of Euromicro Conference on Software Engineering and Advanced Applications, 2006
- Program Chair of Euromicro Conference on Software Engineering and Advanced Applications, 2005
- General Chair of Component-based Software Engineering Symposium, CBSE 2006
- General Chair of International Conference on the Quality of Software Architectures, QoSA 2006
- Program Chair CBSE Component-based Software Engineering Symposium, associated event to International Conference of Software engineering (ICSE), CBSE 2004
- Co-chair of 3rd, 4th and 6th Component-based Software Engineering Workshop at International Conference on Software Engineering (ICSE 2001,2002,2003)
- Chair of Component-based Software Engineering Track at Euromicro conference, 2001-2006
- Member of Program Committee of Conference on Software Engineering in Sweden, 2001, 2002, 2003
- Member of Program Committee of more than 40 conferences and workshops related to software engineering

Invited Talks, Keynotes, Tutorials

- Keynote Talk, Conference ISD 2014, Varazdin, Croatia
- Invited Talk, Continuous Software Engineering Workshop @ ICSE 2014
- Invited Talk, Charles University in Prague, 2013
- Invited Talk, Charles University in Prague, 2012
- Invited Panel, Software Product Lines Conference, Savlador 2012

- Invited Panel, WICSA 2012 (Working Conference on Software Engineering), Helsinki 2012
- Invited Talk, CompArch'12, Bertinoro 2012
- Invited Talk, SEES@ICSE 2012
- Invited Talk, Mipro Conference, Croatia 2012
- Invited Talk, Grenoble University, Resilient systems, Grenoble France, 2011
- Keynote at SERENE conference 2011, Resilient Systems Evolution, Geneva Switzerland, 2011
- Invited Talk, Thessaloniki University, Component Models Classification Framework, Thessaloniki Greece, 2011
- Invited Talk, Charles University, Distributed Software Development Education, Prague Czech Republic, 2011
- Keynote at EuSEC 2010 Conference, System and Software Engineering, Stockholm Sweden, 2010
- Keynote at Annual French Software Engineering Symposium, Software Component models, Pau France, 2010
- Invited Talk, Mannheim University, Software Component models, Mannheim Germany, 2009
- Invited Talk, Campinas University, Software Components for Embedded Systems, Campinas Brazil, 2009
- Invited Talk, University of Split, Distributed embedded component-based systems, Split Croatia, 2009
- Keynote at Balkan ICT conference, Education in software engineering, Sofia Bulgaria 2009
- Keynote at DESSERT, Kirovograd, Composition of extra-functional properties Ukraine, 2008
- Keynote at RISE Brazilian conference, Extra-functional properties and reusability, Recife Brazil, 2008
- Tutorial at RISE summer school, Component-based Software Engineering, Recife Brazil, 2008
- Tutorial at ICSE 2007, Evaluating Dependability Attributes of Component-Based Specifications, Minneapolis USA 2007
- Tutorial at ICSE 2005, Component-based Software Engineering for Embedded Systems, , St. Luis, USA, 2005
- Tutorial at ASE 2004, Component-based development for Embedded Systems, Linz Austria, 2005

Editorial

- Co-editor of a special issue of Elsevier Journal of System Architecture, 2012
- Co-editor of special theme in IEEE Software: Software Components beyond Programming: From Routines to Services; 2011
- Co-editor of special issues of Journal of system Architecture, 2011, 2008
- Co-editor of special issues of Journal of Systems and Software, Component-Based Software Engineering: 2002, 2003, 2006
- Co-editor of a special issue of Journal of Systems and Software, Software Configuration Management, 2006
- Referee for several international journals, including IEEE Software, Information and Software Technology, Software Practice and Experience, etc.
- Opponent and a reviewer to 20 PhD thesis, and member of examination committee in several PhD and lic. theses
- Member of steering group for Introduction of CMM (Capability Maturity Model) and development process improvement at ABB, 1998-1999
- Main designer and developer for Software Development Environment tools used worldwide at ABB Industrial processes, 1993-1999

Publications

2014-11-01- No. of citations 3700, h-index 26, i10-index 67 (google scholar)

Books (Author and Editor)

1. Ivica Crnkovic, Judith A. Stafford, Dorina C. Petriu, Jens Happe, Paola Inverardi: 7th International Conference on the Quality of Software Architectures, QoSA 2011 and 2nd International Symposium on Architecting Critical Systems, ISARCS 2011. Boulder, CO, USA, June 20-24, 2011, Proceedings ACM 2011
2. Ivica Crnkovic, Judith A. Stafford, Antonia Bertolino, Kendra M. L. Cooper: Proceedings of the 14th International ACM Sigsoft Symposium on Component Based Software Engineering, CBSE 2011, part of Comparch '11 Federated Events on Component-Based Software Engineering and Software Architecture, Boulder, CO, USA, June 20-24, 2011 ACM 2011
3. Ivica Crnkovic, Volker Gruhn, Matthias Book: Software Architecture - 5th European Conference, ECSA 2011, Essen, Germany, September 13-16, 2011. Proceedings Springer 2011
4. Ivica Crnkovic, Software Configuration management, Fraunhofer, IESE, September, 2009
5. Heinz Schmidt , Ivica Crnkovic, George Heineman , Judith Stafford : *Component-Based Software Engineering, 10th International Symposium, CBSE 2007*, Springer, LNCS Series, Vol. 4608, ISBN: 978-3-540-73550-2, 2007

6. Ian Gorton , George Heineman , Ivica Crnkovic, Heinz Schmidt , Judith Stafford , Kurt Wallnau: *Component-Based Software Engineering, 9th International Symposium, CBSE 2006*, Springer, Lecture Notes in Computer Science 4063, ISBN: ISBN 3-540-35628-2, 2006
7. Ivica Crnkovic, Christine Hofmeister , Ralf Reussner : *Quality of Software Architectures, Second International Conference on Quality of Software Architectures, QoSA*, Springer Berlin / Heidelberg, ISBN: ISBN-10: 3-540-48819-7, 2006
8. George Heineman , Ivica Crnkovic, Heinz Schmidt , Judith Stafford , Kurt Wallnau : *Component-Based Software Engineering, 8th International Symposium, CBSE 2005*, Springer, Lecture Notes in Computer Science, ISBN: 3-540-25877-9, August, 2005
9. Ivica Crnkovic, Judith Stafford , Heinz Schmidt , Kurt Wallnau : *Component-based Software engineering - CBSE 2004 Symposium*, Springer Verlag, LNCS 3054, ISBN: 3-540-21998-6, 2004-05-17
10. Ivica Crnkovic, Ulf Asklund , Annita Persson-Dahlqvist: *Implementing and Integrating Product Data Management and Software Configuration Management*, Artech House Publishers, ISBN: 1-58053-498-8, 2003
11. Ivica Crnkovic, Magnus Larsson: *Building Reliable Component-Based Software Systems*, Artech House publisher, ISBN: ISBN 1-58053-327-2, 2002

Journals

12. An Extended Model for Multi-Criteria Software Component Allocation on a Heterogeneous Embedded Platform Ivan Svogor, Ivica Crnkovic, (Jan 2014), CIT. Journal of Computing and Information Technology (CIT, 2014)
13. Josip Maras, Maja Stula, Jan Carlson, Ivica Crnkovic, Identifying Code of Individual Features in Client-side Web Applications (Dec 2013), IEEE Transactions on Software Engineering (TSE)
- 14.
15. Ivica Crnkovic, Judith Stafford, Embedded Systems Software Architecture (Nov 2013), Journal of Systems Architecture, 2013, 59(10) (JSA, 59(10))
16. Cristina Seceleanu, Ivica Crnkovic, Component Models for Reasoning (Nov 2013), The Computer Journal (Comput. J.)
17. Hongyu Pei-Breivold Ivica Crnkovic, Magnus Larsson, Software Architecture Evolution through Evolvability Analysis, The Journal of Systems & Software, vol 85, p2574-2592, Elsevier, <http://dx.doi.org/10.1016/j.jss.2012.05.085>, July, 2012
18. Hongyu Pei-Breivold, Ivica Crnkovic, Magnus Larsson, A systematic review of software architecture evolution research, *Information and Software Technology*, Elsevier, doi:10.1016/j.infsof.2011.06.002, July, 2011
19. Ivica Crnkovic, Séverine Sentilles, Aneta Vulgarakis, Michel R. V. Chaudron: A Classification Framework for Software Component Models, *IEEE Trans. Software Eng.* 37(5): 593-615 (2011)
20. Ivica Crnkovic, Judith A. Stafford, Clemens A. Szyperski: Software Components beyond Programming: From Routines to Services, *IEEE Software* 28(3): 22-26 (2011)
21. Rikard Land, Ivica Crnkovic: Oh Dear, We Bought Our Competitor: Integrating Similar Software Systems, *IEEE Software* 28(2): 75-82 (2011)
22. Stig Larsson, Petri Ikonen, Fredrik Ekdahl , Ivica Crnkovic: Software product integration: A case study-based synthesis of reference models, *Information and Software Technology*, vol 51, nr 6, p1066-1080, Elsevier, June, 2009
23. Vittorio Cortellessa , Ivica Crnkovic, Fabrizio Marinelli , Pasqualina Potena: Experimenting the Automated Selection of COTS Components Based on Cost and System Requirements, *Journal of Universal Computer Science*, vol 14, nr 8, p1228-1256, J.UCS, July, 2008
24. Patricia Lago , Henry Muccini , Ljerka Beus-Dukic , Ivica Crnkovic, Sasikumar Punnekkat: GSEEM: a European Master Programme on Global Software Engineering, *International Journal on Engineering Education*, , IJEE, May, 2008
25. René Krikhaar , Ivica Crnkovic: Software Configuration Management, *Science of Computer Programming*, vol 65, nr 3, p215-221, Elsevier, April, 2007

26. Gordana Dodig-Crnkovic, Ivica Crnkovic: Increasing Interdisciplinarity by Distance Learning: Examples Connecting Economics with Software Engineering, and Computing with Philosophy, *e-mentor*, vol 19, nr 2, p94-100, WBS, March, 2007
27. Ivica Crnkovic, Heinz Schmidt, Judith Stafford , George Heineman , Kurt Wallnau : Component-Based Software Engineering of Trustworthy Embedded Systems, *Journal of Systems and Software*, vol 80, nr 5, p641-642, Elsevier, January, 2007
28. Rikard Land, Ivica Crnkovic: Software Systems In-House Integration: Architecture, Process Practices and Strategy Selection, *Journal of Information and Software Technology*, vol 49, nr 5, p419-444, Elsevier, September, 2006
29. Ivica Crnkovic, Michel Chaudron (*Technical University Eindhoven*), Stig Larsson: Component-based Development Process and Component Lifecycle, *Journal of Computing and Information Technology*, vol 13, nr 4, p321-327, University Computer Center, Zagreb, November, 2005
30. Paul Caspi at al. , Ivica Crnkovic: Guidelines for a Graduate Curriculum on Embedded Software and Systems, *ACM Transactions on Embedded Computing Systems*, vol 4, nr 3, p587-611, ACM, August, 2005
31. Ivica Crnkovic, Heinz Schmidt , Judith Stafford , Kurt Wallnau : *Report of the International Symposium on Component-Based Software Engineering*, ACM SIGSOFT Software Engineering Notes, vol 30, nr 3, ACM SIGSOFT, May, 2005
32. Ivica Crnkovic, Heinz Schmidt , Judith Stafford , Kurt Wallnau: Automated Component-Based Software Engineering, *Journal of Systems and Software*, vol Volume 74, nr 1, Elsevier, January, 2005
33. Annita Persson-Dahlqvist, Ivica Crnkovic, Magnus Larsson: Managing Complex Systems - Challenges for PDM and SCM, *Projects & Profits*, vol IV-7, nr Rs 60, p36-42, ICFAI Press, Panjagutta, Indien, July, 2004
34. Ivica Crnkovic, Heinz Schmidt , Judith Stafford , Kurt Wallnau : 6th ICSE Workshop on Component-Based Software Engineering: automated reasoning and prediction, *ACM SIGSOFT Software Engineering Notes*, vol 29, nr 3, p1-7, ACM, May, 2004
35. Ivica Crnkovic, Brahim Hnich , Totte Jonsson , Zeynep Kiziltan : Specification, Implementation, and Deployment of Components, *Communications of the ACM (CACM)*, vol 45, nr 10, Association for Computing (ACM), October, 2002
36. Ivica Crnkovic, Judith Stafford : Component-Based Software Engineering: Building Systems from Components, *Software Engineering Notes*, vol 27, nr 3, ACM SIGSOFT, May, 2002
37. Ivica Crnkovic, Magnus Larsson: Challenges of Component-based Development, *Journal of Software Systems*, Elsevier Science Home, December, 2001
38. Ivica Crnkovic: Component-based Software Engineering - New Challenges in Software Development, *Software Focus*, John Wiley & Sons, December, 2001
39. Ivica Crnkovic, Heinz Schmidt, Judith Stafford , Kurt Wallnau : 4th ICSE Workshop on Component-Based Software Engineering: Component Certification and System Prediction, *Software Engineering Notes*, vol 26, nr 10, ACM SIGSOFT, November, 2001
40. Ivica Crnkovic: Controlling Software Products, *Automatika*, nr nr. 5-6, Automatika, Zagreb, Croatia, June, 1989
41. Ivica Crnkovic: A Software Configuration Management Model, *Automatika*, nr 3-4, Automatika, Zagreb, Croatia, March, 1989

Articles in collection

42. Michel Chaudron, Ivica Crnkovic: *Component-based Software Engineering*, Software Engineering, Principle and Practice, p 605-628, Wiley, ISBN: 978-0-470-031467-9, Editor(s): Hans van Vliet, May, 2008
43. Ivica Crnkovic: *Component-based Software Engineering for Embedded Systems*, From MDD Concepts to Experiments and Illustrations, p 71-90, IESTE, Ltd, ISBN: 1-905209-59-2, Editor(s): Jean-Phillipe Babau, Joël Champeau, Sébastien Gérard, 2006
44. Ivica Crnkovic, Magnus Larsson, Otto Preiss (*ABB CRC*): *Concerning Predictability in Dependable Component-Based Systems: Classification of Quality Attributes*, Architecting Dependable Systems III,, p pp. 257 – 278, Springer, LNCS 3549, Editor(s): R. de Lemos et al. (Eds.):, 2005
45. Ivica Crnkovic: *Component-Based System Development - Embedded Systems Design*, , The ARTIST Roadmap for Research and Development, Volume 3436 / 2005, Springer, ISBN: 3-540-25107-3, Editor(s): Bruno Bouyssounouse, Joseph Sifakis, 2005

46. Frank Lüders, Ivica Crnkovic, Per Runeson (*Lund University*): *Adopting a Component-Based Software Architecture for an Industrial Control System – A Case Study*, *Component-Based Software Development for Embedded Systems: An Overview of Current Research Trends*, p 232-248, Springer, LNCS 3778, ISBN: 3-540-30644-7, Editor(s): Colin Atkinson, Christian Bunse, Hans-Gerhard Gross, Christian Peper, 2005
47. Ivica Crnkovic, Stig Larsson, Judith Stafford : *Workshop on Component-Based Software Engineering: Composing Systems from Components*, In ECBS 2002 Proceedings, IEEE, ACM, 2002
48. Ivica Crnkovic, Totte Jonsson , Brahim Hnich , Zeynep Kiziltan : *The Definition and Specification of Components, Building Reliable Component-Based Systems*(editor(s):Ivica Crnkovic and Magnus Larsson), 2002., Artech House Publishers, ISBN: 1-58053-327-2, Editor(s): Ivica Crnkovic and Magnus Larsson, 2002
49. Ivica Crnkovic, Benneth Christiansson , Lars Jakobsson : *Component-Based Development Process, Building Reliable Component-Based Software Systems*, Artech House Publishers, ISBN: 1-58053-327-2, Editor(s): Ivica Crnkovic and Magnus Larsson, 2002
50. Ivica Crnkovic, Magnus Larsson, Kung-Kiu Lau , Juliana K. Küster Filipe : *Object-Oriented Design Frameworks: Formal Specification and Some Implementation Issues*, *Databases and Information Systems, Fourth International Baltic Workshop, Baltic DB&IS*, p pp.237-252, Kluwer Academic Publishers, ISBN: ISBN 0-7923-6823-1, 2001

Conferences and workshops

51. Zdravko Krpić, Ivica Crnkovic, Jan Carlson, Towards a Common Software-to-hardware Allocation Framework for the Heterogeneous High Performance Computing (Jul 2014), The 5th IEEE International Workshop on Component-Based Design of Resource-Constrained Systems (CORCS 2014)
52. Hongyu Pei-Breivold, Ivica Crnkovic, Cloud Computing Education Strategies (May 2014), 27th IEEE Conference on Software Engineering Education and Training (CSEE&T 2014)
- 53.
54. Gaetana Sapienza, Ivica Crnkovic, Pasqualina Potena, Architectural Decisions for HW/SW Partitioning Based on Multiple Extra-Functional Properties (Apr 2014), 11th Working IEEE/IFIP Conference on Software Architecture (WICSA 2014)
55. Hongyu Pei-Breivold, Anton Jansen, Kristian Sandström, Ivica Crnkovic, Virtualize for Architecture Sustainability in Industrial Automation (Dec 2013), 13th IEEE International Conference on Computer and Information Technology (CIT-2013)
- 56.
57. Josip Maras, Jan Carlson, Ivica Crnkovic, Towards Automatic Client-side Feature Reuse (Oct 2013), Web Informations System Engineering, WISE 2014
58. Gaetana Sapienza, Ivica Crnkovic, Tiberiu Seceleanu, Modelling for Hardware and Software Partitioning based on Multiple Properties (Sep 2013), 39th Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2013)
59. Gaetana Sapienza, Ivica Crnkovic, Tiberiu Seceleanu, Partitioning Decision Process for Embedded Hardware and Software Deployment (Jul 2013), The 37th Annual International Computer Software & Applications Conference (COMPSAC 2013)
60. Ivan Svogor, Ivica Crnkovic, Multi-Criteria Software Component Allocation on a Heterogeneous Platform, 35th IEEE International conference on Information Technology Interfaces ITI 2013, IEEE, Cavtat, Croatia, Editor(s):IEEE, June, 2013
61. Gaetana Sapienza, Ivica Crnkovic, Tiberiu Seceleanu, Towards a Methodology for Hardware and Software Design Separation in Embedded Systems, In Proceedings of the Seventh International Conference on Software Engineering Advances (ICSEA 2012), p 557-562, IARIA, Lisbon, Portugal, November, 2012
62. Luka Lednicki, Ivica Crnkovic, Mario Zagar, Automatic Synthesis of Hardware-Specific Code in Component-Based Embedded Systems, Proceedings of The Seventh International Conference on Software Engineering Advances, p 563-570, IARIA, Lisbon, Portugal, November, 2012
63. Luka Lednicki, Ivica Crnkovic, Mario Zagar, Towards Automatic Synthesis of Hardware-Specific Code in Component-based Embedded Systems, Proceedings of 38th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), IEEE, Cesme, Turkey, September, 2012

64. Josip Maras, Luka Lednicki, Ivica Crnkovic, 5 Years of CBSE Symposium: Impact on the Research Community, CBSE '12 Proceedings of the 15th ACM SIGSOFT symposium on Component Based Software Engineering, p 61-70, ACM, Bertinoro, Italy, June, 2012
65. Igor Cavrak, Marin Orlic, Ivica Crnkovic, Collaboration Patterns in Distributed Software Development Projects, *ICSE 2012, Zurich, Switzerland Software Engineering Education*, p 1256-1265, IEEE, Editor(s):IEEE, June, 2012
66. Umesh Balaji Kothandapani Ramesh, Séverine Sentilles, Ivica Crnkovic, *Energy Management in Embedded Systems – Towards a Taxonomy*, First International Workshop on Green and Sustainable Software (GREENS) at International Conference on Software Engineering (ICSE), ACM, Zurich, Switzerland, Editor(s):IEEE, June, 2012
67. Ivica Crnkovic, Ivana Bosnic, Mario Zagar, Ten Tips to Succeed in Global Software Engineering Education, ICSE 2012, Software Engineering Education, p 1244-1253, ACM, Zurich, Switzerland, June, 2012
68. Juraj Feljan, Ivica Crnkovic, Ivana Bosnic, Marin Orlic, Mario Zagar, Distributed Software Development Course: Students' and Teachers' Perspectives, *Collaborative Teaching of Globally Distributed Software Development - Community Building Workshop (CTGDSD2)*, Zurich, Switzerland, June, 2012
69. Abdulkadir Sajeev, Ivica Crnkovic, Will They Report It? Ethical Attitude of Graduate Software Engineers in Reporting Bad News, *25th IEEE Conference on Software Engineering Education and Training, IEEE*, Nanjing, China, April, 2012
70. Josip Maras, Jan Carlson, Ivica Crnkovic, Extracting Client-side Web Application Code, *World Wide Web Conference 2012*, ACM, Lyon, France, April, 2012
71. Josip Maras, Jan Carlson, Ivica Crnkovic, Client-side Web Application Slicing, *ASE 2011 - Automated Software Engineering*, p 504-507, ASE, Lawrence, Kansas, November, 2011
72. Johan Kraft, Holger M. Kienle, Thomas Nolte, Ivica Crnkovic, Hans Hansson: *Software Maintenance Research in the PROGRESS Project for Predictable Embedded Software Systems*. CSMR 2011: 335-338
73. Ivica Crnkovic: *Predictability and Evolution in Resilient Systems*. SERENE 2011: 113-114
74. Ivica Crnkovic, Ivana Bosnic, Igor Cavrak, Marin Orlic, Mario Zagar: Avoiding Scylla and Charybdis in Distributed Software Development Course, ICSE 2011 Companion Volume,, ACM Digital Library, Honolulu, Hawaii, USA, May, 2011
75. Ivana Bosnic , Igor Cavrak , Marin Orlic, Mario Zagar), Ivica Crnkovic: *Student Motivation in Distributed Software Development Projects*, ICSE 2011 Companion Volume CTGDSD Workshop, ACM Digital Library, Honolulu, Hawaii, USA, May, 2011
76. Johan Kraft, Holger Kienle, Thomas Nolte, Ivica Crnkovic, Hans Hansson: *Software Maintenance Research in the PROGRESS Project for Predictable Embedded Software Systems*, 15th European Conference on Software Maintenance and Reengineering (CSMR'11), Oldenburg, Germany, March, 2011
77. Ivica Crnkovic, Aneta Vulgarakis, Mario Zagar, Ana Petricic, Juraj Feljan, Luka Lednicki, Josip Maras: *Classification and Survey of Component Models*, DICES workshop @ SoftCOM 2010, Bol, Croatia, September, 2010
78. Ivica Crnkovic, Séverine Sentilles, Thomas Leveque, Mario Zagar , Ana Petricic, Juraj Feljan, Luka Lednicki, Josip Maras: *PRIDE*, DICES workshop @ SoftCOM 2010, Bol, Croatia, September, 2010
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