

## Prof Ivica Crnkovic – Curriculum Vitae, 2011-03-01

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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

- 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 Rade Koncar, Industrial Systems, Zagreb, Croatia

### Additional Appointments

- 2010- Professor in Software Engineering at Osijek University, Osijek, Croatia
- 2009- 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 - 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

### Other achievements

- Director of Industrial PHD school
- Co-organizer of Global Software Engineering European Program – Joint program of Vrije Universiteit Amsterdam, Westminster University London, L'Aquila University and Mälardalen University
- Organizer of Forum Industrial IT – a group consisting of ABB and MdH representative discussing research and marketing trends in initiating different events and projects.
- Owner of IT-comp consultant company.

### Graduate and Undergraduate courses developed and taught

- 2008 - Software Engineering Project master course
- 2008 – Software Modelling – in cooperation with ETFOS, University Osijek, Croatia
- 2007 - Component-based development, –in cooperation with FOI, Varazdin, University of Zagreb
- 2002 - Distributed Software Development – in cooperation with FER, University of Zagreb
- 2001 - Advanced Component-based software engineering Ph.D. course, 7.5 ECTS
- 2000 - Guest lecturer to 20 different courses
- 2005 - 2007 Software Projects management – Zagreb School of Economics and Management
- 2000 - 2007 Software Engineering Course, 15 ETCS

- 2001 - 2003 Research project planning, Ph.D. course, 7.5 ECTS
- 1995 - 2001 Unix Course, 7.5 ECTS
- 1999 Object Oriented programming Using C++ , 7.5 ECTS

## Grants

<b>Personal grants and grants achieved as the proposal coordinator or coordinator at MDH</b>			
2010-2014	CONTESSE – a frame program, - contact-based components for embedded systems	Swedish research council	8,5 MSEK
2011-2018	ITS-EASY – Industrial PHD school – Embedded Software systems	KKS & 8 companies	60 MSEK
2009-2010	ECSS - Efficient Certification of functional Safety for Software systems	KKS & CC Systems	700 KSEK
2009-2010	F IND - Flexibilitet i Industriella system	KKS & ENEA	530 KSEK
2008 – 2009	BALSOP - Balancing Software Development	KKS & ABB	660 KSEK
2008-2011	DICES – Distributed Component-based Embedded Systems,	Croatian Government	200 K€
2007-2010	ISE. Industrial Software Engineering Master program	KKS	2 000 KSEK
2007-2010	Hi5 A Holistic and Improved Infrastructure for Increased Industrial Impact of research	Vinnova	10 000 KSEK
2007	Hi5 preparation	Vinnova	100 KSEK
2008-2010	EU STREP – Q-Impress – Quality prediction in Service Software	EU-FP7	1 000€ (MDH)
2007-2009	FLEXI - Flexible Global Product Development and Integration		5 500 KSEK (MDH)
2006-2007	SoftIn “Software Introduction to small companies”	EU “Goal 2”	920 KSEK
2004-2007	ARTIST2, Advanced Real-time systems NoE	EU FP6	10 K€ (MDH)
2004	Proposal for Vinnova excellence centre proposal	Vinnova	250 KSEK
2003-2005	FLEXCON – Flexible controllers	SSF	1 200 KSEK (MDH)
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	9 600 KSEK
<b>Member of the core research staff achieving the following Swedish grants</b>			
2006-2011	PROGRESS excellence centre	SSF	50 MSEK
2006-2008	SAVE++	SSF	2 MSEK
2003-	SAVE	SSF	18 MSEK

2006			
2006-	SAVE-IT industrial school	KKS	20 MSEK

(MSEK = Million Swedish Crowns, KSEC – hundred thousand Swedish crowns, k€=hundred thousand euros)

## Merits of Relevance

- Supervising currently 8 Ph.D. students. Three of the students are industrial PhD students. In addition 8 students have completed the studies, 7 have obtained PhD degree (2004 Magnus Larsson, 2006: Rikard Land, Frank Lüders , 2007: Stig Larsson, 2008: Johan Fredriksson, Mikael Åkerholm, 2010 Kurt Wallnau ) and three Licentiate degrees (2003: Christina Wallin , 2004, Goran Mustapic, 2005: Annita Persson-Dahlqvist)
- Director of Software Engineering Master study, 2006 – 2007
- Organiser and coordinator of GSEEM – Global Software Engineering Program, a common master program of 4 EU universities
- General Chair of Comparch – federated conference event 2011
- Program Chair of ECSA (European Software Eng 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 –
- 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 3<sup>rd</sup>, 4<sup>th</sup> and 6<sup>th</sup> 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 several conferences and workshops related to software engineering
- Co-editor of special issues of Journal of Systems and Software, Component-Based Software Engineering: 2002, 2003, 2006
- Co-editor of an issue of Journal of Systems and Software, Software Configuration Management, 2006
- Member of several projects and member of reference group of several projects at “The Association of Swedish Engineering Industries”(1996-2002)
- Referee for several international journals, including IEEE Software, Information and Software Technology, Software Practice and Experience, etc.
- Opponent to 15 PhD thesis, and member of examination committee in several PhD and lic. thesis
- 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

### Books

1. Software Configuration management, Ivica Crnkovic, Fraunhofer, IESE, September, 2009
2. 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
3. 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
4. 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
5. 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
6. 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
7. 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
8. Ivica Crnkovic, Magnus Larsson: *Building Reliable Component-Based Software Systems*, Artech House publisher, ISBN: ISBN 1-58053-327-2, 2002

### Journals

9. Oh Dear, We Bought Our Competitor: Integrating Similar Software Systems, Rikard Land, Ivica Crnkovic, IEEE Software, vol 28, Issue 2, p75-82, IEEE, March, 2011
10. A Classification Framework for Software Component Models, Ivica Crnkovic, Séverine Sentilles, Aneta Vulgarakis, Michel Chaudron (Technical University Eindhoven), IEEE Transaction of Software Engineering, vol Submitted for publishing, p1-25, IEEE, October, 2010
11. 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

12. 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
13. Patricia Lago , Henry Muccini , Ljerka Beus-Dukic , Ivica Crnkovic, Sasikumar Punnekkat: *GSEEM: a European Master Programme on Global Software Engineering*, International Journal on Endengineering Education, vol (To be published), IJEE, May, 2008
14. René Krikhaar , Ivica Crnkovic: *Software Configuration Management*, Science of Computer Programming, vol 65, nr 3, p215-221, Elsevier, April, 2007
15. 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
16. 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
17. 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
18. Ivica Crnkovic, Michel Chaudron (*Technical University Eindhoven*), Stig Larsson: *Component-based Development Process and Component Lifecycle, Pages*, Journal of Computing and Information Technology, vol 13, nr 4, p321-327, University Computer Center, Zagreb, November, 2005
19. 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
20. 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
21. 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
22. 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
23. 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

24. 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
25. Ivica Crnkovic, Judith Stafford : *Component-Based Software Engineering: Building Systems from Components*, Software Engineering Notes, vol 27, nr 3, ACM SIGSOFT, May, 2002
26. Ivica Crnkovic, Magnus Larsson: *Challenges of Component-based Development*, Journal of Software Systems, Elsevier Science Home, December, 2001
27. Ivica Crnkovic: *Component-based Software Engineering - New Challenges in Software Development*, Software Focus, John Wiley & Sons, December, 2001
28. 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
29. Ivica Crnkovic: *Controlling Software Products*, Automatika, nr nr. 5-6, Automatika, Zagreb, Croatia, June, 1989
30. Ivica Crnkovic: *A Software Configuration Management Model*, Automatika, nr 3-4, Automatika, Zagreb, Croatia, March, 1989

#### **Articles in collection**

31. Michel Chaudron (*Technical University Eindhoven*), 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
32. 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
33. 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
34. 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
35. 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

36. Ivica Crnkovic, Stig Larsson, Judith Stafford : *Workshop on Component-Based Software Engineering: Composing Systems from Components*, In ECBS 2002 Proceedings, IEEE, ACM, 2002
37. 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
38. 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
39. Ivica Crnkovic, Magnus Larsson, Kung-Kiu Lau , Juliana K. Küster Filipe : *Object-Oriented Design Frameworks: Formal Specifcation 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***

40. Software Maintenance Research in the PROGRESS Project for Predictable Embedded Software Systems, Johan Kraft, Holger Kienle, Thomas Nolte, Ivica Crnkovic, Hans Hansson, 15th European Conference on Software Maintenance and Reengineering (CSMR'11), Oldenburg, Germany, March, 2011
41. Classification and Survey of Component Models, Ivica Crnkovic, Aneta Vulgarakis, Mario Zagar (University of Zagreb), Ana Petricic, Juraj Feljan, Luka Lednicki, Josip Maras, DICES workshop @ SoftCOM 2010, Bol, Croatia, September, 2010
42. PRIDE, Ivica Crnkovic, Séverine Sentilles, Thomas Leveque, Mario Zagar (University of Zagreb), Ana Petricic, Juraj Feljan, Luka Lednicki, Josip Maras, DICES workshop @ SoftCOM 2010, Bol, Croatia, September, 2010
43. Performing a project in a Distributed Software Development Course: Lessons Learned, Federico Ciccuzzi, Ivica Crnkovic, ICGSE 2010 - IEEE International Conference on Global Software Engineering, IEEE, Princeton, August, 2010
44. Project Monitoring and Control In Model-Driven and Component-Based Development of Embedded Systems : The CARMA Principle and Preliminary Results, Rikard Land, Jan Carlson, Stig Larsson, Ivica Crnkovic, 5th International Conference on Evaluation of Novel Approaches to Software Engineering, SciTePress, Athens, Greece, July, 2010

45. A Systematic Review on Architecting for Software Evolvability, Hongyu Pei-Breivold, Ivica Crnkovic, 21st Australian Software Engineering Conference (ASWEC), IEEE, Auckland, New Zealand , April, 2010
46. Josip Maras, Ivica Crnkovic: phpModeler - a web model extractor, International Conference on Automated Software Engineering - ASE 2009, Auckland, New Zealand, November, 2009
47. Hongyu Pei-Breivold, Ivica Crnkovic: *Analysis of Software Evolvability in Quality Models*, 35th Euromicro Conference on Software Engineering and Advanced Applications (SEAA), Software Process and Product Improvement (SPPI) Track, IEEE, Patras, Greece, August, 2009
48. Cristina Seceleanu, Ivica Crnkovic: *Transaction level control for application execution on the SegBus Platform*, 33rd Annual IEEE International Computer Software and Applications Conference, IEEE, Seattle, Washington, July, 2009
49. Rikard Land, Jan Carlson, Stig Larsson, Ivica Crnkovic: *Towards Guidelines for a Development Process for Component-Based Embedded Systems*, Workshop on Software Engineering Processes and Applications (SEPA) in conjunction with the International Conference on Computational Science and Applications (ICCSA), p 43-58, Springer, Yongin, Korea, June, 2009
50. Séverine Sentilles, Petr Stepan (*external*), Jan Carlson, Ivica Crnkovic: *Integration of Extra-Functional Properties in Component Models*, 12th International Symposium on Component Based Software Engineering (CBSE 2009), LNCS 5582, Springer Berlin, LNCS 5582, East Stroudsburg University, Pennsylvania, USA, Editor(s):Christine Hofmeister, Grace A. Lewis, Iman Poernomo, June, 2009
51. Ivica Crnkovic, Ivano Malavolta (*University di Aquila*), Henry Muccini (*external*): *A Model-Driven Engineering Framework for Component Models Interoperability*, Proceedings of the 12th International Symposium on Component-Based Software Engineering (CBSE 2009), Springer, LNCS 5582, Editor(s):Christine Hofmeister, Grace A. Lewis, Iman Poernomo, June, 2009
52. Ana Petricic, Luka Lednicki, Ivica Crnkovic: *Using UML for Domain-Specific Component Models*, Fourteenth International Workshop on Component-Oriented Programming, June, 2009
53. Séverine Sentilles, Anders Pettersson, Dag Nyström, Thomas Nolte, Paul Pettersson, Ivica Crnkovic: *Save-IDE - A Tool for Design, Analysis and Implementation of Component-Based Embedded Systems*, Proceedings of the Research Demo Track of the 31st International Conference on Software Engineering (ICSE), Vancouver, May, 2009
54. Ana Petricic, Ivica Crnkovic, Mario Zagar : *Models transformation between UML and a Domain Specific Language*, Eight Conference on Software Engineering Research and Practice in Sweden (SERPS 08), p 10, November, 2008
55. Hongyu Pei-Breivold, Ivica Crnkovic, Rikard Land, Magnus Larsson: *Analyzing Software Evolvability of an Industrial Automation Control System: A Case Study*, The Third International Conference on Software Engineering Advances (ICSEA), IEEE, Sliema, Malta, October, 2008

56. Séverine Sentilles, Aneta Vulgarakis, Tomas Bures, Jan Carlson, Ivica Crnkovic: *A Component Model for Control-Intensive Distributed Embedded Systems*, Proceedings of the 11th International Symposium on Component Based Software Engineering (CBSE2008), p 310-317, Springer Berlin, Karlsruhe, Germany, Editor(s): Michel R.V. Chaudron and Clemens Szyperski, October, 2008
57. Rikard Land, Alexandre Alvaro (*CESAR*), Ivica Crnkovic: *Towards Efficient Software Component Evaluation: An Examination of Component Selection and Certification*, Euromicro SEAA SPPI Track, IEEE, Parma, Italy, September, 2008
58. Séverine Sentilles, John Håkansson (*Department of Information Technology, Uppsala University*), Paul Pettersson, Ivica Crnkovic: *Save-IDE – An Integrated development environment for building predictable component-based embedded systems*, Proceedings of the 23rd IEEE/ACM International Conference on Automated Software Engineering (ASE 2008), L'Aquila, Italy, September, 2008
59. Hongyu Pei-Breivold, Ivica Crnkovic, Rikard Land, Stig Larsson: *Using Dependency Model to Support Software Architecture Evolution*, 4th Intl. ERCIM Workshop on Software Evolution and Evolvability (Evol'08), at the 23rd IEEE/ACM Intl. Conf. on Automated Software Engineering, IEEE, L'Aquila, Italy, September, 2008
60. Mikael Åkerholm, Kristian Sandström, Ivica Crnkovic: *Introducing Component Based Software Engineering at an Embedded Systems Sub-Contractor*, 34th EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA), IEEE, Parma, Italy, September, 2008
61. Séverine Sentilles, Florian Noyrit, Ivica Crnkovic: *Collaboration between Industry and Research for the Introduction of Model-Driven Software Engineering in a Master Program*, Educators Symposium at the 11th International Conference MODELS 2008, p 75-80, Toulouse, France, September, 2008
62. Hongyu Pei-Breivold, Ivica Crnkovic, Peter Eriksson : *Analyzing Software Evolvability*, IEEE International Computer Software and Applications Conference (COMPSAC 2008), Turku, Finland, July, 2008
63. Rikard Land, Laurens Blankers, Michel Chaudron (*Technical University Eindhoven*), Ivica Crnkovic: *COTS Selection Best Practices in Literature and in Industry*, 10th International Conference on Software Reuse (ICSR), Springer, Beijing, China, May, 2008
64. Radu Dobrin, Ivica Crnkovic, Sasikumar Punnekkat, Damir Isovici, GENESIS consortium : *GENESIS - A Framework for Global Engineering of Embedded Systems*, Software Engineering in East and South Europe (SEESE), ACM, Leipzig, Germany, May, 2008
65. Vittorio Cortaliessa (*University of L'Aquila*), Ivica Crnkovic, Pasqualina Potena, Fabrizio Marinelli (*Laboratoire d'Informatique de l'Ecole Polytechnique, France*): *Driving the selection of COTS components on the basis of system requirements*, Automated Software Engineering (ASE) 2007, IEEE, Atlanta, US, November, 2007

66. Hongyu Pei-Breivold, Ivica Crnkovic, Peter Eriksson : *Evaluating Software Evolvability*, Proceedings of the 7th Conference on Software Engineering and Practice in Sweden (SERPS), Göteborg, Sweden, October, 2007
67. Ivica Crnkovic, Michel Chaudron (*Technical University Eindhoven*), Séverine Sentilles, Aneta Vulgarakis: *A Classification Framework for Component Models*, Proceedings of the 7th Conference on Software Engineering and Practice in Sweden, Göteborg, Sweden, October, 2007
68. Frank Lüders, Ivica Crnkovic, Daniel Flemström, Anders Wall: *A Prototype Tool for Software Component Services in Embedded Real-Time Systems*, Proc. Real-Time in Sweden 2007, Västerås, Sweden, August, 2007
69. Séverine Sentilles, Aneta Vulgarakis, Ivica Crnkovic: *A Model-Based Framework for Designing Embedded Real-Time Systems*, Proceedings of the Work-In-Progress (WIP) track of the 19th Euromicro Conference on Real-Time Systems (ECRTS 2007), Pisa, Italy, July, 2007
70. Patricia Lago , Henry Muccini , Ljerka Beus-Dukic , Ivica Crnkovic, Sasikumar Punnekkat, Hans Van Vliet : *Towards a European Master Programme on Global Software Engineering*, 20th Conference on Software Engineering Education and Training (CSEE&T 2007), Dublin, July, 2007
71. Ivica Crnkovic, Hongyu Pei-Breivold: *Tutorial: Emerging Technologies in Industrial Context - Component-Based and Service-Oriented Software Engineering*, 31st IEEE International Computer Software and Applications Conference (COMPSAC), Beijing, China, July, 2007
72. Mikael Åkerholm, Joakim Fröberg, Kristian Sandström, Ivica Crnkovic: *A Model for Reuse and Optimization of Embedded Software Components*, 29th International Conference on Information technology Interface, (ITI 2007), IEEE, Cavtat, Croatia, June, 2007
73. Ivica Crnkovic, Lars Grunske : *Evaluating Dependability Attributes of Component-Based Specifications*, International Conference on Software Engineering (ICSE), p 157-158, IEEE, Minneapolis, May, 2007
74. Ivica Crnkovic, Michel Chaudron (*Technical University Eindhoven*), Stig Larsson: *Component-based Development Process and Component Lifecycle*, International Conference on Software Engineering Advances, ICSEA'06, IEEE, Tahiti, French Polynesia, October, 2006
75. Frank Lüders, Ivica Crnkovic, Per Runeson (*Lund University*): *Evaluation of a Tool for Supporting Software Component Services in Embedded Real-Time Systems*, Proceedings of the 6th Conference on Software Engineering and Practice in Sweden, p 49-54, Umeå University, Umeå, Sweden, October, 2006
76. Rikard Land, Stig Larsson, Ivica Crnkovic: *Software In-House Integration – Quantified Experiences from Industry*, Euromicro Conference, Track on Software Process and Product Improvement, IEEE, Cavtat, Croatia, Editor(s):Paul Grünbacher, August, 2006

77. Rikard Land, Jan Carlson, Ivica Crnkovic, Stig Larsson: *Merging In-House Developed Software Systems – A Method for Exploring Alternatives*, Quality of Software Architecture, University of Karlsruhe, Västerås, Sweden, June, 2006
78. Frank Lüders, Daniel Flemström, Anders Wall, Ivica Crnkovic: *A Prototype Tool for Software Component Services in Embedded Real-Time Systems*, Component-Based Software Engineering: 9th International Symposium, CBSE 2006, p 222 - 237, Springer - LNCS, Västerås, Sweden, Editor(s): Ian Gorton, George T. Heineman, Ivica Crnkovic, Heinz W. Schmidt, Judith A. Stafford, Clemens A. Szyperski, Kurt Wallnau, June, 2006
79. Ivica Crnkovic, Karmela Aleksić-Maslač , Hrvoje Jerković : *Holistic approach in Education – Filling the Gap between Different Disciplines*, 28th International Conference on Information Technology Interfaces, 2006., p 35-40, IEEE, Cavtat, Croatia, June, 2006
80. Magnus Larsson, Christer Norström, Anders Wall, Ivica Crnkovic: *Technology Transfer: Why some Succeed and some don't*, Technology Transfer Workshop, ICSE 2006, ACM, Shanghai, May, 2006
81. Gordana Dodig-Crnkovic, Ivica Crnkovic: *Professional Ethics in Software Engineering Curricula*, Cross-disciplinarity in Engineering Education, CeTUSS, Uppsala, December, 2005
82. Rikard Land, Laurens Blankers, Stig Larsson, Ivica Crnkovic: *Architectural Concerns When Selecting an In-House Integration Strategy – Experiences from Industry*, Fifth IEEE/IFIP Conference on Software Architecture (WICSA), IEEE, Pittsburgh, PA, November, 2005
83. Johan Fredriksson, Massimo Tivoli, Ivica Crnkovic: *A component-based development framework for supporting functional and non-functional analysis in control system design*, 20th IEEE/ACM International Conference on Automated Software Engineering (ASE 2005), p 368-371, ACM 2005, Long Beach, CA, USA, November, 2005
84. Ivica Crnkovic, Vikram Jamwal (*K R School of Information Technology, IIT Bombay, Mumbai. India*): *Components and Services Session Report*, 5th Working IEEE/IFIP Conference on Software architecture, WICSA, p 269-271, IEEE, Pittsburgh, PA, US, November, 2005
85. Rikard Land, Laurens Blankers, Stig Larsson, Ivica Crnkovic: *Architectural Concerns When Selecting an In-House Integration Strategy – Experiences from Industry*, 5th Working IEEE/IFIP Conference on Software architecture, WICSA, p 274-275, IEEE, Pittsburgh, PA, USA, November, 2005
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