

Zeljko Obrenovic - Published papers

Books

1. **Z. Obrenovic**, *Research and Practice: Essays of a Researcher-Practitioner*, LeanPub 2017.
2. **Z. Obrenovic**, *Human-Computer Interaction*, FON: TEMPUS, Belgrade, 2004, ISBN 86-7680-027-8, (in Serbian, adapted PhD Thesis).

International journal papers

1. **Z. Obrenovic**, "Insights from the Past: The IEEE Software History Experiment", *IEEE Software*, vol. 34, No. 7, (Jul/Aug 2017), pp. 71-78.
2. **Z. Obrenovic**, "Research and Practice: The Curious Case of 'Small' Researchers-Practitioners", *Communications of the ACM*, vol. 56, No. 9, (Sept 2013), pp. 38-40.
3. **Z. Obrenovic**, "The Hawthorne Studies and Their Relevance to HCI Research", *ACM interactions* 21, 6 (Nov-Dec 2014), pp. 46-51.
4. **Z. Obrenovic**, "Design as a Political Activity: Borrowing From Classical Political Theories", *ACM interactions* 22, 6 (Nov-Dec 2015), pp. 42-45.
5. **Z. Obrenovic**, "Doing research in practice: some lessons learned". *ACM Crossroads*, 20, 4 (June 2014), 15-17.
6. **Z. Obrenovic**, "The four points of the HCI research compass". *ACM interactions* 20, 3 (May 2013), 34-37. **Z. Obrenovic**, "Software Sketchifying – Bringing Innovation into Software Development," *IEEE Software*, vol. 30, no. 3 (March 2013), pp. 80-86.
7. **Z. Obrenovic**, Bart den Haak, "Integrating End-User Customization and Authentication: The Identity Crisis," *IEEE Security and Privacy*, September/October 2012, Vol. 10, No. 5, pp. 82-85.
8. **Z. Obrenovic**, J.B. Martens, *Sketching Interactive Systems with Sketchify*, *ACM Transactions on Computer Human Interaction (ToCHI)*, Vol. 18, no. 1, March 2011. (Also presented at the ACM CHI 2011 conference)
9. **Z. Obrenovic**, D. Gašević, "End-User Service Computing: Spreadsheets as a Service Composition Tool", *IEEE Transactions on Services Computing*, vol. 1, no. 4, pp. 229-242, October-December, 2008.
10. **Z. Obrenovic**, J. Abascal, D. Starcevic, "Universal Accessibility as a Multimodal Design Issue", *Communications of the ACM*, Vol. 50, No. 5, May 2007, pp. 83-88.
11. **Zeljko Obrenovic**, Dušan Starcevic, Bran Selic, "A Model Driven Approach to Content Repurposing", *IEEE Multimedia*, Vol. 11, No. 1, January-March 2004, pp. 62-71.

12. **Z. Obrenovic**, D. Starcevic, "Modelling Multimodal Human-Computer Interaction", *IEEE Computer*, Vol. 37, No. 9, September 2004, pp. 65-72.
13. **Z. Obrenovic**, "Rethinking HCI education: teaching interactive computing concepts based on the experiential learning paradigm". *ACM interactions* 19, 3 (May 2012), 66-70.
14. **Z. Obrenovic**, "Design-Based Research: What We Learn When We Engage In Design Of Interactive Systems". *ACM interactions* 18, 5 (September 2011), 56-59.
15. **Zeljko Obrenovic**, Dragan Gasevic, Anton Eliens, "Stimulating Creativity Through Opportunistic Software Development", *IEEE Software*, Vol. 25, No. 6, Nov/Dec, 2008, pp. 64-70.
16. **Zeljko Obrenovic**, Dragan Gasevic, "Open-Source Software: All you do is put it together", *IEEE Software*, Vol. 24, No. 5, Sept/Oct, 2007, pp. 86-95.
17. **Zeljko Obrenovic**, Dragan Gasevic, "Mashing Up Oil and Water: Combining Heterogeneous Services for Diverse Users," *IEEE Internet Computing*, vol. 13, no. 6, pp. 56-64, November/December, 2009.
18. Lynda Hardman, **Zeljko Obrenovic**, Frank Nack, Brigitte Kerhervé, Kurt Piersol "Canonical processes of semantically annotated media production", *ACM Multimedia Systems Journal*, Volume 14, Number 6 / December, 2008, pp. 327-340.
19. **Zeljko Obrenovic**, "Web Accessibility and Open Source Software", *Disability & Rehabilitation: Assistive Technology* 2009, Vol. 4, No. 4, Pages 227-235.
20. **Z. Obrenovic**, Dušan Starcevic, "Adapting the Unified Software Development Process for User Interface Development", *Computer Science and Information Systems*, Volume 03, Issue 01 (June 2006), pp. 33-52.
21. M. Jovanovic, D. Starcevic, **Z. Obrenovic**, "Designing Aircraft Cockpit Displays: Borrowing from Multimodal User Interfaces", *Transactions on Computational Science* 3: pp. 55-65, 2009.
22. Emil Jovanov, Dušan Starcevic, Aleksandar Samardzic, Andy Marsh, **Zeljko Obrenovic**, "EEG analysis in a telemedical virtual world", *Future Generation Computer Systems* 15 (1999), pp. 255-263.

Contributions to books

1. L. Hardman, **Z. Obrenovic**, and F. Nack, "Canonical Processes of Semantically Annotated Media Production", in Raphael Troncy, Benoit Huet, Simon Schenk (Editors), *Multimedia Semantics: Metadata, Analysis and Interaction*, August 2011, Wiley-Blackwell, pages 21-34.

2. **Zeljko Obrenovic**, Dusan Starcevic, Emil Jovanov, "Multimodal Presentation of Biomedical Data", in Metin Akay (Editor): *Wiley Encyclopedia of Biomedical Engineering*, Wiley, 2006, ISBN: 0-471-24967-X, DOI: 10.1002/9780471740360.ebs1325.
3. **Zeljko Obrenovic**, Dusan Starcevic, Emil Jovanov, "Virtual Instrumentation", in Metin Akay (Editor): *Wiley Encyclopedia of Biomedical Engineering*, Wiley, 2006, ISBN: 0-471-24967-X, DOI: 10.1002/9780471740360.ebs1265.
4. **Z. Obrenovic**, D. Starcevic, "History of Human-Computer Interaction", In Devedzic, V. (ed.) *Intelligent System Technologies*, FON – School of Business Administration & TEMPUS, Belgrade, 2004, pp. 73-90, ISBN 86-7680-026-X (in Serbian).
5. Dušan Starcevic, Emil Jovanov, Vlada Radivojevic, **Zeljko Obrenovic**, Aleksandar Samardzic, "Virtual medical devices for telemedical applications", in P. Spasic, I. Milosavljevic, M. Jancic-Zguricas (Eds.), *Telemedicine*, Academy of Medical Sciences of Serbian Medical Association, Belgrade, Yugoslavia, pp. 218-244, 2000.
6. Dušan Starcevic, Vlada Radivojevic, **Zeljko Obrenovic**, Emil Jovanov, Aleksandar Samardzic, "Technological breakthroughs in neurophysiology: Virtual medical devices for EEG analysis", in *Ilankovic (Ed.): Consciousness, sleeping, dreams*, Belgrade, 1999, pp. 145-158.