



WG 5.7

SIG on Experimental Interactive Learning in Industrial Management

The IFIP SIG was founded in 1994. The founding Chair was Professor Jens Ove Riis, Aalborg University, Department of Production, Denmark.

Since 2000, the chair has been Professor Riitta Smeds, Aalto University (former TKK), School of Science, Department of Industrial Engineering and Management, SimLab, Finland.

The SIG workshops 2011-14 collaborated with the EU FP7 ICT Network of Excellence “Game and Learning Alliance” GaLA consisting of 31 partners, and coordinated by University of Genova, <http://www.galanoe.eu/>

In 2013 and 2014, the SIG workshop was arranged in conjunction with the Conference of the International Simulation And Gaming Association ISAGA.

Future events

19th International Workshop on Experimental Interactive Learning in Industrial Management

will be arranged in collaboration with the APMS 2015 Conference “Innovative production management towards sustainable growth: Service, Manufacturing, and Resilient Value-Chain”, Musashi University, Tokyo, Japan, September 5-9, 2015

- Special Workshop Track “Co-creating Sustainable Business Processes and Ecosystems”
 - Date: September 7-8, 2015
 - Venue: Musashi University, Tokyo, Japan
 - Chair of the 19th SIG workshop: Prof. Riitta Smeds, Aalto University, Finland

Past SIG workshops (1994-2014)

Dates	Name	Location	No. of Partici-pants	Organizer	Sponsor
May 1994	1 st International workshop of the IFIP 5.7 Special Interest Group on Simulation Games in Industrial Management: "Simulation Games in Production Management"	Aalborg, Denmark		Aalborg University, Department of Production.	
June 13-15 1995	2 nd International workshop of the IFIP 5.7 Special Interest Group on Simulation Games in Industrial Management: "Design of Games for Production Management"	Sonderborg, Denmark		Aalborg University, Department of Production and Handelshöjskole Syd.	
June 27-29 1997	3 rd International workshop of the IFIP 5.7 Special Interest Group on Simulation Games in Industrial Management: "The effects of games on developing production management"	Espoo, Finland		Helsinki University of Technology, Department of Industrial Management.	
November 26-29 1998	4 th International workshop of the IFIP 5.7 Special Interest Group on Simulation Games in Industrial Management: "Experimental Learning in Industrial Management"	Ghent, Belgium		University of Ghent, Department of Industrial Management, Faculty of Engineering.	
May 14-16 2000	5 th International workshop of the IFIP 5.7 Special Interest Group on Simulation Games in Industrial Management: "Design and Application of Simulation Games in Industry and Services"	Karlsruhe, Germany		University of Karlsruhe, Institute of Human and Industrial Engineering.	
July 2-4 2001	6 th International workshop of the Special Interest Group on Simulation Games in Industrial Management: "Experimental Learning in Industrial Management. Transference and Creation of Knowledge"	Madrid, Spain		University of Zaragoza, Project Engineering Area.	
May 22-24 2003	7 th International workshop of the IFIP 5.7 Special Interest Group on Experimental Interactive Learning in Industrial Management: "Experimental Interactive Learning in Industrial Management"	Aalborg, Denmark		Aalborg University, Department of Production, Center for Industrial Production	

May 24-26 2004	8th International workshop of the IFIP 5.7 Special Interest Group on Experimental Interactive Learning in Industrial Management: "Experimental Learning in Chains and Networks".	Wageningen , The Netherlands:		Wageningen University, Information Technology Group	
June 5-7, 2005	9 th International Workshop on Experimental Interactive Learning in Industrial Management: "New Approaches to Learning Studying and Teaching"	Espoo, TKK, Finland	33	Riitta Smeds, Miia Jaatinen, Päivi Haho, Jens Riis	European Academy of Industrial Management AIM
June 11-13, 2006	10 th International Experimental Interactive Learning in Industrial Management: "Multidisciplinary Research on Simulation Methods and Educational Games in Industrial Management"	Trondheim, NTNU Norway	30	Björn Andersen, Bassam Hussein, Asbjörn Rolstadås, Riitta Smeds, Jens Riis	European Academy of Industrial Management AIM
May 20-22, 2007	11 th International Experimental Interactive Learning in Industrial Management: "Multidisciplinary Research on New Methods for Learning and Innovation in Enterprise Networks"	Bremen, BIBA Germany	25	Klaus-Dieter Thoben, Jannicke Baalsrud Hauge, Riitta Smeds, Jens Riis	European Academy of Industrial Management AIM
May 26-27, 2008	12 th International Workshop on Experimental Interactive Learning in Industrial Management: "Learning and Evaluation in Manufacturing, Innovation and Networking".	Nottingham University Business School, Centre for Concurrent Enterprise, UK	15	Johann Riedel, Priya Johal, Riitta Smeds, Jens Riis	European Academy of Industrial Management AIM, and the Laboranova project
May 24-26, 2009	13 th International Workshop on Experimental Interactive Learning in Industrial Management: "Multidisciplinary Research on Learning and Cooperation in Value Added Networks".	Zürich, ETH Center for Enterprise Sciences BWI	20	Paul Schönsleben, Matthias Vodicka, Riitta Smeds, Jens Riis	European Academy of Industrial Management AIM, and IMS2020
June 13-15, 2010	14 th International Workshop on Experimental Interactive Learning in Industrial Management: "Experimental Learning on Sustainable Management, Economics and Industrial Engineering"	Milan, Politecnico di Milano, Department of Management Economics and Industrial Engineering	32	Marco Taisch, Jacopo Cassina, Riitta Smeds, Asbjörn Rolstadås, Klaus. D. Thoben, Heiko Duin, Johann Riedel, Sergio Terzi	European Academy of Industrial Management AIM
June 5-7 2011	15 th International Workshop on Experimental Interactive Learning in Industrial	Espoo, Aalto University, Department	26	Riitta Smeds, Päivi Pöyry-Lassila, Lasse	European Academy of Industrial Management AIM,

	Management, in collaboration with the EU Network of Excellence GaLA: “Co-Designing Serious Games”	of Industrial Engineering and Management , SimLab		Korpela, Tuukka Saranpää, Laura Larmi	and GaLA Games and Learning Alliance, the EU Network of Excellence for Serious Games
June 3-5, 2012	16th International Workshop on Experimental Interactive Learning in Industrial Management, in collaboration with the EU Network of Excellence GaLA: “INNOVATION and Serious Games”	Bergische Universität Wuppertal, Germany	17	Dr., Senior Researcher Gabriele Hoeborn, Riitta Smeds	European Academy of Industrial Management AIM, and GaLA Games and Learning Alliance, the EU Network of Excellence for Serious Games
June 25-26, 2013	17th International Workshop on Experimental Interactive Learning in Industrial Management, in collaboration with the EU Network of Excellence GaLA and the 44rd conference of the International Simulation And Gaming Association ISAGA	KTH, Stockholm, Sweden	30 The ISAGA conference as a whole had 120 participants)	Riitta Smeds, Sebastiaan Meijer	European Academy of Industrial Management AIM; Games and Learning Alliance, the EU Network of Excellence for Serious Games GaLA; International Simulation And Gaming Association ISAGA
June 9-10 2014	18 th International Workshop on Experimental Interactive Learning in Industrial Management, in collaboration with the EU Network of Excellence GaLA and the 44rd conference of the International Simulation And Gaming Association ISAGA	University of Applied Sciences Vorarlberg Dornbirn, Austria	6 The ISAGA as a whole had around 250 participants	Riitta Smeds	European Academy of Industrial Management AIM; Games and Learning Alliance, the EU Network of Excellence for Serious Games GaLA; International Simulation And Gaming Association ISAGA

Proceedings and books of the IFIP WG 5.7 SIG on Experimental Interactive Learning in Industrial Management

Sebastiaan Meijer and Riitta Smeds (eds) **(2014)** *Frontiers in Gaming Simulation*, Springer Lecture Notes in Computer Science, Vol. 8264, Springer. ISBN 978-3-319-04953-3, ISSN 0302-9743. 265 p.

Gabriele Hoeborn, ed. **(2012)**: *Innovation and Serious Games*, Proceedings of the IFIP WG 5.7 16th Workshop on Experimental Interactive Learning in Industrial Management, in collaboration with the EU Network of Excellence GaLA. Bergische Universität Wuppertal, Germany, June 3-5, 2012. Workshop Publication ISBN 978-3-86468-187-5. 120 p.

Riitta Smeds (ed) **(2011)**: *Co-designing Serious Games*. Proceedings of the Special Interest Group on Experimental Interactive Learning in Industrial Management of the IFIP Working Group 5.7., in collaboration with the EU Network of Excellence GaLA. Aalto University publication series, Science + Technology 10 / 2011. ISBN 978-952-60-4153-7. 151 p.

Taisch, M., Cassina, J. & Smeds, R. (eds.) **(2010)** *Experimental Learning in Sustainable Management, Economics and Industrial Engineering*. Proceedings of the 14th Workshop of the Special Interest Group on Experimental Interactive Learning in Industrial Management of the IFIP Working Group 5.7. Poliprint. Politecnico di Milano, Italy. 251 p

Paul Schönsleben, Matthias Vodicka, Riitta Smeds and Jens Riis **(2009)** (eds.). *Learning and Innovation in Value Added Networks*. Proceedings of the 13th IFIP WG 5.7 Special Interest Group Workshop on Experimental Interactive Learning in Industrial Management. ETH, Zurich. Druckpartner Rübelmann, Hemsbach. 172 p.

Riedel J., Johal, P., Smeds R., Riis, J.O. **(2008)** (eds): *Learning and Evaluation in Manufacturing, Innovation and Networking*. Proceedings of the 12th IFIP 5.7 Special Interest Group Workshop on Experimental Interactive Learning in Industrial Management. Centre for Concurrent Enterprise, Nottingham University Business School. Q3 Digital/Litho, Leicestershire, UK. 108 p.

Thoben, K.-D., Baalsrud Hauge, J., Smeds R., Riis, J. **(2007)** (eds): *Multidisciplinary Research on New Methods for Learning and Innovation in Enterprise Networks*. Proceedings from the 11th International Workshop of the Special Interest Group on Experimental Interactive Learning in Industrial Management. Bremener Schriften zu Betriebstechnik und Arbeitswissenschaft. Universität Bremen. Band 59. Verlag Mainz. 216 p.

Hussein, B.A., Smeds, R. and Riis, J. **(2006)** (eds.): *Multidisciplinary Research on Simulation Methods and Educational Games in Industrial Management*. Proceedings of the 10th International Workshop on Experimental Interactive Learning in Industrial Management: Trondheim, Norway, June 11-13, NTNU, 2006. pp 187-195.

Smeds R., Riis J., Haho P., Jaatinen M. **(2005)** (eds): *Experimental Interactive Learning in Industrial Management: New Approaches to Learning Studying and Teaching*. Proceedings of

the 9th International Workshop of the IFIP WG 5.7 Special Interest Group on Experimental Interactive Learning in Industrial Management. SimLab, Helsinki University of Technology, Espoo, 5-7 June 2005. Otamedia, Espoo 2005. 157 pages.

(electronically available at <http://www.simlab.hut.fi/publications/series.htm>)

Hofstede, G.J., Meijer S., Riis J. O., Smeds, R. (2004) (eds): *Experimental Learning in Chains and Networks*. Proceedings of the 8th International Workshop on Experimental Interactive Learning in Industrial Management. Wageningen University, the Netherlands, May 24-27, 2004. 180 pages.

Production Planning and Control, Vol 13, Number 2, March 2003: Special Issue "Simulation for accelerated learning and development in industrial management". Guest editor Riitta Smeds.

Riis, J.O., Smeds, R. and Nicholson, A (2003) (eds). "Experimental Interactive Learning in Industrial Management". Proceedings of the 7th International Workshop on Experimental Interactive Learning in Industrial Management, May 22-24, 2003, Aalborg. Kommunik, Aalborg. 220 p.

Juan L. Cano and Maria J. Saenz (2001) (eds): *Experimental Learning in Industrial Management: Transference & Creation of Knowledge*. Proceedings of the 6th International Workshop on Simulation Games in Production Management, Madrid June 2-4, 2001. 239 p.

Zülch, G. and Rinn, A. (2000) (eds): *Proceedings of the 5th International Workshop on Simulation Games in Production Management*, Karlsruhe, Germany, May 14-16, 2000. Shaker Verlag, ESIM-Series, Vol 3 - 2000. 252 p.

Riis, J., Smeds, R., Van Landeghem, R. (2000) (Eds.) *Experimental Learning in Operations Management*. Kluwer Academic Publishers, Boston. 202 p. Proceedings of the Fourth International Workshop of the Special Interest Group of IFIP WG 5.7 on "Games in Production Management", Ghent, Belgium, November 26-29, 1998.

Smeds, R. and Riis, J. (1998) (eds) *Experimental Learning in Production Management. The Effects of Using Simulation Games in University and Industry*. Chapman & Hall, London, 1998. 164 p.

Smeds, R. and Riis, J. (1997) (eds) *The Effects of Games on Developing Production Management*. HUT Industrial Management and Work and Organizational Psychology, Working Paper No 8, Libella Oy, Espoo. 115 p.