### School for Information and Knowledge Systems (SIKS) in 2007

*Richard Starmans (UU)*

**Introduction**

SIKS is the Dutch Research School for Information and Knowledge Systems. It was founded in 1996 by researchers in the field of Artificial Intelligence, Databases & Information Systems and Software Engineering. Its main concern is research and education in the field of information and computing sciences, more particular in the area of information and knowledge systems. SIKS is an interuniversity research school that comprises 12 research groups from 10 universities and CWI. Currently, over 400 researchers are active, including nearly 200 Ph.D.-students. The Vrije Universiteit in Amsterdam is SIKS' administrative university, and as off January 1 2006 Prof.dr. R.J. Wieringa (UT) was appointed scientific director. The office of SIKS is located at Utrecht University. SIKS received its first accreditation by KNAW in 1998 and was re-accredited in June 2003 for another period of 6 years.

**Activities**

We here list the main activities (co-)organized or (co-)financed by SIKS. We distinguish basic courses, advanced courses and other activities (including master classes, workshops, one-day seminars, conferences, summer schools, doctoral consortia and research colloquia)

**Basic courses:**

“Learning and Reasoning”, May 21-22, 2007, Landgoed Huize Bergen, Vught

Course directors: dr. A. Ten Teije (VU), dr. G.A.W. Vreeswijk (UU)

“Information Retrieval”, May 23-24, 2007, Landgoed Huize Bergen, Vught

Course director: Prof. dr. ir. Th. Van der Weide (RUN)

“Research methods and methodology for IKS", November 14-16, 2007, Vught

Course directors: dr. H. Weigand (UvT), prof. dr. R. Wieringa (UT), prof.dr. H. Akkermans (VU)

prof. dr. J-J.Ch. Meyer (UU), dr. R. Starmans (UU)

“Agent Technology”, December 10-11, 2007 , Landgoed Huize Bergen, Vught

Course directors: Prof. dr. C.M. Jonker (TUD), Prof. dr. J.-J.Ch. Meyer (UU),
Prof. dr. B. De Schutter (TUD), Prof. dr. C. Witteveen (TUD).

**Advanced courses:**

“Computational Intelligence: AI and Probability”, April 16-17 2007, Woudschoten, Zeist

Course director: Dr. T. Heskes (RUN)

“Summer course on Datamining”, July 02-06, 2007, Maastricht

Course directors: Dr. E. Smirnov (UM), Dr. J. Donkers (UM), Prof. dr. E.O. Postma (UM)

“Service-oriented computing”, October 04-05, 2007, Landgoed Huize Bergen, Vught

Course directors: Dr. H. Weigand (UvT), Dr. W.-J. van den Heuvel (UvT)

“Multi Agent Systems: Theory, Technology and Applications”,

December 12-13, 2007, Landgoed Huize Bergen, Vught

Course directors: Prof. dr. C.M. Jonker (TUD), Prof. dr. J.-J.Ch. Meyer (UU),
Prof. dr. B. De Schutter (TUD), Prof. dr. C. Witteveen (TUD).

# Other activities:

* Conference: Benelearn 07, May 14-15, 2007, Amsterdam
* Conference: BNAIC 07, November 05-06, 2007, Utrecht
* Conference: Collective Intelligent Agents, September 19-21,2007, Delft
* Conference: Dutch-Belgian Database Day 2007 (DBDBD), Eindhoven
* Conference: DIR 2007, March 28-29, 2007, Leuven (BE)
* Conference: Enterprise Information Systems (EIS), June 26, 2007, Groningen
* Conference: 2nd Int. Conf. on the Pragmatic Web, October 22-23, 2007, Tilburg
* Doctoraal Consortium EIS, June 25, 2007, Groningen
* Masterclass: Norms and Institutions, June 25, 2007,Utrecht
* Masterclass: Towards a Science of the Semantic Web, February 05, 2007, Amsterdam
* NVTI Theory Day 2007, March 09, 2007, Utrecht
* SIKS-day 2007, May 04, 2007, Utrecht
* Seminar on Information Retrieval, November 01, 2007, Amsterdam
* Seminar on the Semantic Web, 11 April 2007, Utrecht
* SIKS-Agent Colloquia (9 times), Utrecht/Delft/Amsterdam
* SIKS-IKAT colloquia (5 times ), Maastricht
* SIKS-UU seminars on Cognition (2 times) Utrecht
* Summerschool DECOI, August 20-24, 2007, Amsterdam
* Summerschool EASSS 2007, August, 27-31, 2007, Durham (UK)
* Symposium: Human Computer Interaction, November 23, 2007, Amsterdam
* Symposium: Intelligent Systems, October 12, 2007, Maastricht
* Symposium: Logic and Cognition, June 01, 2007, Groningen
* Symposium: Situated Models of Cognition and Perception, September 19, 2007, Maastricht
* Tutorial Program SIGIR, July 23-27, 2007, Amsterdam
* Winterschool Ten Competence, January 22-26, 2007, Innsbruck
* Workshop on Computer Games, June 15-17, 2007, Amsterdam
* Workshop Machine Learning for Natural Language Processing, May 16, 2007, Amsterdam
* Workshop: Latent Semantic Analysis, March 29-30, 2007, Heerlen
* Workshop: Value Modeling, January 18-19, 2007,Tilburg

## Ph.D.-defenses in 2007

In 2007 25 researchers successfully defended their Ph.D.-thesis and published their work in the SIKS-dissertation Series.

2007-01

Kees Leune (UvT)
Access Control and Service-Oriented Architectures
Promotor: Prof.dr.ir. M.P. Papazoglou (UvT)
Co-promotor: Dr. W-J. van den Heuvel (UvT)
Promotion: 28 February 2007

2007-02

Wouter Teepe (RUG)
Reconciling Information Exchange and Confidentiality: A Formal Approach
Promotor: Prof. dr. L.R.B. Schomaker (RUG)
Co-promotor: Dr. L.C. Verbrugge (RUG)
Promotion: 18 January 2007

2007-03

Peter Mika (VU)
Social Networks and the Semantic Web
Promotor: Prof.dr. J.M. Akkermans (VU), prof.dr. T. Elfring (VU)
Co-promotor: Dr. P. Groenewegen (VU)
Promotion: 05 February 2007

2007-04

Jurriaan van Diggelen (UU)
Achieving Semantic Interoperability in Multi-agent Systems: a dialogue-based approach
Promotor: Prof.dr. J.-J. Ch. Meyer (UU)
Co-promotores: Dr. ir. R.-J. Beun (UU), dr. F. P.M. Dignum (UU), dr. R. M. van Eijk (UU)
Promotion: 21 March 2007

2007-05

Bart Schermer (UL)
Software Agents, Surveillance, and the Right to Privacy: a Legislative Framework for Agent-enabled Surveillance
Promotor: Prof.dr. H.J. van den Herik (UM/UL)
Promotion: 09 May 2007

2007-06

Gilad Mishne (UVA)
Applied Text Analytics for Blogs
Promotor: Prof.dr. M. de Rijke (UVA)
Promotion: 27 April 2007

2007-07

Natasa Jovanovic' (UT)
To Whom It May Concern - Addressee Identification in Face-to-Face Meetings
Promotor: Prof. dr. ir. A. Nijholt (UT)
Co-promotor: Dr. ir. H.J.A. op den Akker (UT)
Promotion: 14 March 2007

2007-08

Mark Hoogendoorn (VU)
Modeling of Change in Multi-Agent Organizations
Promotores: Prof. dr. J. Treur (VU) , Prof. dr. C.M. Jonker (TUD)
Promotion: 18 June 2007

2007-09

David Mobach (VU)
Agent-Based Mediated Service Negotiation
Promotor: Prof.dr. F.M.T. Brazier (VU)
Co-promotor: Dr. B.J. Overeinder (VU)
Promotion: 21 May 2007

2007-10

Huib Aldewereld (UU)
Autonomy vs. Conformity: an Institutional Perspective on Norms and Protocols
Promotor: Prof.dr. J.-J. Ch. Meyer (UU)
Co-promotor: Dr. F.Dignum (UU)
Promotion: 04 Juni 2007

2007-11

Natalia Stash (TUE)
Incorporating Cognitive/Learning Styles in a General-Purpose Adaptive Hypermedia System
Promotores: Prof.dr. P.M.E. De Bra (TUE), Prof.dr. L. Hardman (CWI / TUE)
Co-promotor: Dr. A.I. Cristea (University of Warwick, UK)
Promotion: 02 July 2007

2007-12

Marcel van Gerven (RUN)
Bayesian Networks for Clinical Decision Support: A Rational Approach to Dynamic Decision-Making under Uncertainty
Promotor: Prof. dr. ir. Th.P. van der Weide (RUN)
Co-promotor: Dr. P.J.F. Lucas (RUN)
Promotion: 05 September 2007

2007-13

Rutger Rienks (UT)
Meetings in Smart Environments; Implications of Progressing Technology
Promotor: Prof. dr. ir. A. Nijholt (UT)
Co-promotor: Dr. D. Heylen (UT)
Promotion: 11 July 2007

2007-14

Niek Bergboer (UM)
Context-Based Image Analysis
Promotores:Prof. dr. H.J. van den Herik (UM), Prof. dr. E.O. Postma (UM)
Promotion: 10 Oktober 2007

2007-15

Joyca Lacroix (UM)
NIM: a Situated Computational Memory Model
Promotores:Prof. dr. J.M.J. Murre (UM/UvA), Prof. dr. E.O. Postma (UM), Prof. dr. H.J. van den Herik (UM)
Promotion: 20 September 2007

2007-16

Davide Grossi (UU)
Designing Invisible Handcuffs. Formal investigations in Institutions and Organizations for Multi-agent Systems
Promotor: Prof.dr. J.-J. Ch. Meyer (UU)
Co-promotor: Dr. F.Dignum (UU)
Promotion: 17 September 2007

2007-17

Theodore Charitos (UU)
Reasoning with Dynamic Networks in Practice
Promotor: Prof.dr.ir L.C. van der Gaag (UU)
Promotion: 17 September 2007

2007-18

Bart Orriens (UvT)
On the development an management of adaptive business collaborations
promotor: Prof. Dr. Ir. M.P. Papazoglou (UvT)
Co-promotor: Dr. J. Yang (UvT)
Promotion: 12 September 2007

2007-19

David Levy (UM)
Intimate relationships with artificial partners
Promotores: Prof. dr. M.J.H. Meijer (UM), Prof. dr. H.J. van den Herik (UM)
Promotion: 11 Oktober 2007

2007-20

Slinger Jansen (UU)
Customer Configuration Updating in a Software Supply Network
Promotores: Prof. dr. S. Brinkkemper (UU), Prof.dr. P. Klint (CWI)
Promotion: 08 Oktober 2007

2007-21

Karianne Vermaas (UU)
Fast diffusion and broadening use: A research on residential adoption and usage of broadband internet in the Netherlands between 2001 and 2005
Promotor: Prof. dr. S. Brinkkemper (UU)
Co-promotor: Dr. L. van de Wijngaert (UU)
Promotion: 26 November 2007

2007-22

Zlatko Zlatev (UT)
Goal-oriented design of value and process models from patterns
Promotor: Prof. dr. R.J. Wieringa (UT)
Promotion: 04 Oktober 2007

2007-23

Peter Barna (TUE)
Specification of Application Logic in Web Information Systems
Promotores: prof. dr. P. De Bra (TUE), prof.dr G.-J. Houben (VUB/TUE)
Promotion: 30 Oktober 2007

2007-24

Georgina Ramírez Camps (CWI)
Structural Features in XML Retrieval
Promotor: Prof. dr. M.L. Kersten (CWI / UVA)
Co-promotor: Dr. A.P. de Vries (CWI/ TUD)
Promotion: 02 November 2007

2007-25

Joost Schalken (VU)
Empirical Investigations in Software Process Improvement
Promotor: Prof. dr. J.C. van Vliet (VU), Prof. dr. S. Brinkkemper (UU)
Promotion: 17 December 2007