

PERSONAL INFORMATION

Prof. Dr. Adrian Schwaninger



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 <http://www.fhnw.ch/people/adrian-schwaninger/> <http://www.casra.ch/en/about-us/team.html>

Sex Male | Date of birth 07 December 1970 | Nationality Swiss

WORK EXPERIENCE

01/09/2010–Present

Vice Director School of Applied Psychology FHNW

University of Applied Sciences and Arts Northwestern Switzerland (FHNW), School of Applied Psychology, Institute Human in Complex Systems
Riggenbachstr. 16, 4600 Olten (Switzerland)
<http://www.fhnw.ch/aps>

01/05/2009–Present

Head of Institute Humans in Complex Systems

University of Applied Sciences and Arts (FHNW), School of Applied Psychology, Institute Humans in Complex Systems
Riggenbachstr. 16, 4600 Olten (Switzerland)
<http://www.fhnw.ch/miks>

01/01/2008–Present

Professor

University of Applied Sciences and Arts (FHNW), School of Applied Psychology, Institute Humans in Complex Systems
Riggenbachstr. 16, 4600 Olten (Switzerland)
<http://www.fhnw.ch/personen/adrian-schwaninger/>

01/01/2008–Present

Chairman of CASRA

Center for Adaptive Security Research and Applications (CASRA)
Thurgauerstr. 39, 8050 Zurich (Switzerland)
<http://www.casra.ch>

1999–2008

Head of Visual Cognition Research Group (VICOREG)

University of Zurich, Department of Psychology, General Psychology (Cognition)
Binzmühlestrasse 14/22, 8050 Zurich (Switzerland)

2004–2008

Research Scientist

Max Planck Institute for Biological Cybernetics, Department for Cognitive and Computational Psychophysics
Speemannstr. 38, 72076 Tübingen (Germany)

2003–2008

Lecturer (Oberassistent)

University of Zurich, Department of Psychology, General Psychology (Cognition)
Binzmühlestrasse 14/22, 8050 Zurich (Switzerland)

2001–2003

Graduate Student

Max Planck Institute for Biological Cybernetics, Department for Cognitive and Computational

Psychophysics
Speemannstr. 38, 72076 Tübingen (Germany)

- 1998–2003 **Scientific Assistant**
University of Zurich, Department of Psychology, General Psychology (Cognition)
Binzmühlestrasse 14/22, 8050 Zurich (Switzerland)
- 2000–2002 **Coordinator Graduate Program Cognitive Psychology**
University of Berne, Department of Psychology, General Psychology and Methods
Muesmattstr. 45, 3000 Bern (Switzerland)
- 1996–1998 **Teacher (part-time)**
IBM, Zurich (Switzerland)
- 1992–1998 **Security Officer (part-time)**
Securitas, Zurich (Switzerland)

EDUCATION AND TRAINING

- 1999–2003 **Doctoral Thesis**
University of Zurich and Max Planck Institute for Biological Cybernetics Tübingen
Thesis Title: "Perception and Representation of Faces"
- 01/11/1999–31/03/2003 **Graduate Program Cognitive Psychology Switzerland**
Universities of Bern, Geneva, Fribourg and Zurich
- 15/07/1997–15/10/1997 **Scientific Internship**
University Autonoma Madrid, Institute for Psychobiology, Madrid (Spain)
- 1991–1998 **Studies of Psychology, Neuropsychology, Neurophysiology, and Informatics**
University of Zurich, Zurich (Switzerland)
Thesis Title (Lizentiat, equivalent to Master's Degree): "Processing of component and configural information and mental rotation of faces: testing hypotheses for the face inversion effect"
- 01/06/1990–31/08/1990 **English Courses**
LCP Institute, Covina, CA (United States)
- 1984–1990 **Matura Typus B**
Kantonsschule Winterthur, Winterthur (Switzerland)

PERSONAL SKILLS

Mother tongue(s) German

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B2	B2	B2	B2	A2
Spanish	C2	C1	C2	C2	A1
Italian	C1	B2	A2	A2	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

Good team spirit; good ability to adapt to interdisciplinary environments, gained through work experience; good communication skills gained through experience as project manager, Head of Research Group, Head of Institute, and Vice Director.

Organisational / managerial skills

Strong skills in coordination, management and leadership of people, projects and budgets demonstrated through success in leading several international research and consulting projects funded by appropriate authorities, government organizations, airports and security companies.

For a complete track record of research and consultancy projects see the following webpages:

<http://www.fhnw.ch/aps/miks/research-and-development>

<http://www.fhnw.ch/aps/miks/dienstleistung-en/aktuelle-Projekte>

<http://www.casra.ch/en/research-consulting/funded-projects.html>

Job-related skills

Contribution as domain expert to a variety of multi-lateral and bi-lateral international research agreements requiring interaction between science, politics and the industry. Member of the ECAC Training Task Force, Expert of the ECAC Technical Task Force, ICAO Working Group on Training, InterTAG, Chairman of the InterTAG ad hoc Working Group on Certification and Competency Assessment.

Member of three Commissions of the University of Zurich 2006-2008 (Forschungskommission, Kommission Titularprofessuren, Kommission Jahrespreis)

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital competences - Self-assessment grid

MS Office, MS Project, MS Access, Adobe Photoshop, Visual Studio, Visual Basic, Pascal

ADDITIONAL INFORMATION

Awards

2003 ASI international award of excellence in aviation security (enhancement of human factors)

1999 Young researcher award of the Swiss Psychological Society

Reviewer Activities

Ad hoc reviewer for the following journals:

- ACM Transactions on Applied Perception
- Acta Psychologica
- Applied Cognitive Psychology
- Ergonomics
- Frontiers in Psychology
- Human Factors

- IEEE Transactions on Aerospace and Electronic Systems
- Journal of Experimental Psychology: Applied
- Journal of Experimental Psychology: Human Perception & Performance
- Journal of Transportation Security
- Journal of Vision
- Nature Neuroscience
- Neuropsychologia
- Perception
- Psychological Research
- Psychonomic Bulletin & Review
- Quarterly Journal of Experimental Psychology
- Swiss Journal of Psychology • Theoretical Issues in Ergonomics Science

Memberships

- European Civil Aviation Conference (ECAC)
- Gesellschaft für Arbeitswissenschaft (GfA)
- IEEE Aerospace and Electronic Systems Society
- IEEE Robotics and Automation Society
- IEEE Systems, Man, and Cybernetics Society
- Schweizerische Gesellschaft für Arbeits- und Organisationspsychologie (SGAOP)

Teaching

Prof. Dr. Adrian Schwaninger has been lecturing at the University of Zurich 1999-2015 and at the University of Applied Sciences and Arts Northwestern Switzerland since 2008. For more information see <http://www.casra.ch/en/about-us/team/teaching.html>

Publications

Prof. Dr. Adrian Schwaninger has more than 100 publications in the following areas: Aviation security human factors, scientifically based software development, applied cognitive psychology, computational modeling, and human-machine interaction. For more information see <http://www.fhnw.ch/personen/adrian-schwaninger/publikationen>

Last updated

June 13, 2017