

CURRICULUM VITAE

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Jussi Paavo Samuli Parkkinen

Professor

Personal details

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Born 28.12.1953, Mikkeli, Finland. Married, two children.

Citizenship: Finnish

Research fields: color science, pattern recognition, lighting research

Studies

High School graduation	Karhulan yhteiskoulu	1972
Batchelor of Science	Univ. of Kuopio, Finland	1979
Master of Science (physics)	Univ. of Kuopio, Finland	1982
Licentiate of Philosophy (mathematics)	Univ. of Kuopio, Finland	1986
Doctor of Philosophy (Ph.D. mathematics)	Univ. of Kuopio, Finland	1989

Professional career

physicist	Central Hospital of Kotka	1979, 1980
lecturer in mathematics	University of Kuopio	1981
assistant in physics	University of Kuopio	1981-1982
research assistant (mathematics)	University of Kuopio	1983,84-85
lecturer in mathematics	University of Kuopio	1983-1984
research assistant (mathematics)	Academy of Finland	1985
research assistant (computer science)	University of Kuopio	1986
associate professor in computer science	Lappeenranta U of Tech	1.8.1986 – 31.12.1986
research assistant (information technology)	Academy of Finland	1.1.1987 – 31.12.1989
visiting research scientist (Psych Hospital)	The Univ. of Iowa, USA	1.2.1989 – 31.8.1990
visiting professor (School of Engineering)	U of Saskachewan, Canada	19.3.1990 – 21.4.1990
research scientist (physics)	University of Kuopio	1.9.1990 – 31.7.1991
professor in computer science	University of Kuopio	1.8.1991 – 31.7.1992
associate professor in computer science	Lappeenranta U of Tech	1.8.1992 – 31.7.1993
professor in information technology	Lappeenranta U of Tech	1.8.1993 – 31.12.1998
senior scientist	Academy of Finland	1.8.1996 – 31.7.1997
professor in computer science	University of Joensuu	1.1.1999 -
	(since 2010 University of Eastern Finland leave-of-absent 6.9.2011 -)	
senior scientist	Academy of Finland	1.8.2003 – 31.7.2004
professor of electrical and computer systems engineering	Monash University Malaysia	7.9.2011 – 6.9.2014

docent (applied physics)	University of Kuopio	1991-2009
docent (computational engineering)	Helsinki U of Tech	1998-2009
docent (information technology)	Lappeenranta U of Tech	1999-
visiting professor (School of Engineering)	Chiba University, Japan	2007-
guest professor (School Software Eng)	Tongji University, China	2012-2016
adjunct professor (School of Engineering)	Monash University Malaysia	2014-

Fee paid teacher in different universities in Finland, lectures over 1000 hours

Lecturer in the International Summer School on Novel Computing 1996, Finland

Lecturer in the Intensive Program for Computer Vision:

1996 Germany, 1998 Spain, 2000 Finland, 2004 France, 2006 Hungary, 2008 Finland

Lecturer of intensive course in Color Image Analysis, Graduate School of Modern Optics and Photonics, 2000, Finland

Lecturing course of Pattern Recognition: St Petersburg State University, Russia 2005 and University of St Etienne (MSc Program in Color in Informatics and Media Technology), France 2008.

Administrative experience

University of Kuopio, Finland:

Departmental council of Department of Mathematics, Physics and Chemistry:

member 1977-1982

vice member 1983-1986

Faculty council of Faculty of Natural and Environmental Sciences:

member 1987-1988, 1991-1992

Head of Department of Computer Science and Applied Mathematics 1991-1992

Lappeenranta University of Technology, Finland:

University governing board: vice member 1993-1994

member 1995-1998

Teaching and research council: member 1993-1994

Department of Information Technology:

vice dean 1993-1994

dean 1995-1998

Laboratory of Information Processing:

head of lab 1993-1998

University of Joensuu, Finland:

Member of the Council of the Faculty of Science 1999-2001

Head of the Department of Computer Science 1999-2006

Dean of Faculty of Science 2006-2007

Vice Rector for research at the University of Joensuu 2007-2009

University of Eastern Finland (merger of U of Joensuu and U of Kuopio):

Head of School of Computing 2010

Monash University Malaysia:

Head of Electrical and Computer Systems Engineering Discipline	2011 – 2014
Deputy Head of School of Information Technology	2013 - 2014
Monash University, Faculty of Engineering	
Faculty Board member	2012 – 2013
Faculty of Information Technology	
Senior management group member	2013 - 2014

Head of the East Finland Universities Graduate School in Computer Science and Engineering (ECSE) 1995 - 1998, 2001-2002

Chairman of the best PhD-award committee of the Nordic Countries Pattern Recognition Societies 1997 – 2001, committee member 2002-2006

Head of the Finnish-Russian Cross Border University, International MSc-program of Information Technology 2007 – 2011

Local Head of the EU Erasmus Mundus International MSc Program “Color in Informatics and Media Technology, CIMET” 2007 - 2011

Reviewer, supervisor and other official duties

A number of reviews for professorship, associate professorship, and docentship for Finnish universities and in Jordan.

PhD-thesis opponent or PhD review committee member:

Chiba University, Japan

Swedish University of Agricultural Studies, Sweden

Uppsala University, Sweden

Linköping University, Sweden

University of Western Ontario, Canada

Tampere, Helsinki and Lappeenranta University of Technology, Finland

University of Oulu, Tampere, Helsinki, Jyväskylä and Turku, Finland

Danish Technical University, Denmark

The University of Western Ontario, Canada

Official reviewer for PhD-thesis:

A number of Finnish universities, in Australia, India and Spain

Supervisor/co-supervisor of PhD-theses:

Lappeenranta University of Technology, Finland (6),

University of Joensuu, Finland (7)

University of Kuopio, Finland (2)

University of Eastern Finland, Finland (7)

Chiba University, Japan (1)

Monash University Malaysia, Malaysia (1)

Supervisor of a number of Lic Phil and Master's these in:

Lappeenranta University of Technology, Finland

University of Joensuu, Finland

University of Kuopio, Finland

University of Eastern Finland, Finland

Reviewer of grant applications for:

Academy of Finland

Canada Foundation for Innovation

Israel Science Foundation

Czech Science Foundation

Fonds zur Förderung der wissenschaftlichen Forschung, Austria

Editorial board member:

Pattern Analysis and Applications 1998 – 2003
Pattern Recognition and Image Analysis 2005 –

Reviewer for the scientific journals and conferences:

Journal of Imaging Science and Technology; Journal of Electronic Imaging; Computing Surveys; Neural Networks; Pattern Analysis and Applications; The Journal of Mathematical Imaging and Vision; IEEE transactions on Systems, Man and Cybernetics; IEEE transactions of Pattern Analysis and Machine Intelligence; Optical Engineering; Pattern Recognition Letters; IEEE transactions on Instrumentation and Measurement; Australian Journal of Intelligent Information Processing Systems; Journal of Optical Society of America; Color Research and Applications; etc.,
a number of international scientific conferences

10th Scandinavian Conference on Image Analysis 1997:
chairman of program committee,

1st Russian-Scandinavian Workshop on Pattern Recognition and Image Analysis 1997:
general chair of the workshop

Multispectral Color Science 2001 (MCS'01): cochairman of the conference

Multispectral Color Science conference: steering committee member 2002 -

14th Scandinavian Conference of Image Analysis 2005: general chair

European Color Conference of IS&T (CGIV):
2008 program committee chair
2010 general chair

International Conference on Pattern Recognition (ICPR): program committee co-chair 2010.

Program committee member in a number of international conferences

A number of plenary and invited lectures in international conferences

Member in scientific societies:

Finnish Pattern Recognition Society:
secretary 1984-1988, chairman 1995-1999

Governing board member of the International Association for Pattern Recognition (IAPR):
1998 – 2003, IAPR Fellow 2002

Member of CIE technical committee for Multispectral Imaging, 2002 - , Chairman 2004 – 2008

Recipient of the IS&T Raymond C. Bowman Award 2013

Research in the fields of color science, pattern recognition, image analysis, lighting and molecular computing

In total 80 research articles in scientific journals or book chapters

In total over 130 scientific conference reports