

THOMAS CRISTALLER

born in 1949 in Bonn, Germany

1976 diploma (M.Sc.) in Mathematics at the University of Bonn

1976 - 1982 Faculty of Linguistics and Literature at the University of Bielefeld

1982-1984 Language Faculty at the University of Hamburg

1986 Ph.D. in Computer Science at the University of Hamburg

different positions at the computer science research campus at Schloss Birlinghoven

1989 head of the Artificial Intelligence department at research institute FIT's board of directors in 1989.

1998 – 2007 Executive Director of the research institute for Autonomous Intelligent Systems (AIS) (today known as Fraunhofer Institute for Intelligent Analysis and Information Systems IAIS).

since 2007 member of IAIS's board of directors; professor on Artificial Intelligence at the University of Bielefeld



Activities:

1998 – 2004 member of the German Wissenschaftsrat (Science Board)

since 1998 support of the RoboCup; speaker of the DFG (German Research Foundation) RoboCup Programme

Member of the Association on Computing Machinery (ACM), German Society for Computer Science (Gesellschaft für Informatik (GI)), Society of German Engineers (VDI), American Association for the Advancement of Science (AAAS), and German Society on Cognitive Sciences (Kognitionswissenschaftliche Gesellschaft).

MINORU ASADA

born in 1953

1977 B.E. in control engineering at Osaka University

1979 M.E. in control engineering at Osaka University

1982 Ph.D. in control engineering at Osaka University

1982 to 1988 Research Associate of Control Engineering, Osaka University

1986 - 1987 visiting researcher at the Center for Automation Research, University of Maryland

April 1989 Associate Professor of Mechanical Engineering for Computer-Controlled Machinery, Osaka University

April 1995 Professor of Mechanical Engineering for Computer-Controlled Machinery, Osaka University

April 1997 Professor of the department of Adaptive Machine Systems, Osaka University



Activities:

general chair of IEEE/RSJ 1996 International Conference on Intelligent Robots and Systems (IROS96).

general chair of The Fourth International Conference on Development and Learning (ICDL 05)

IEEE Fellow since 2005; research director for JST ERATO Asada Synergistic Intelligence Project since September 2005.

Commendation by the Minister of Education, Culture, Sports, Science and Technology, Japanese Government as a Person of Distinguished Services to Enlightening People on Science and Technology (2001).

involved in RoboCup activities since early 1990; president of the International RoboCup Federation since 2002

FRANK KIRCHNER

born in 1963

1989 - 1994 Computer Science and Neurobiology at the University of Bonn

1994 Senior Scientist (focussing on cognitive and bio-inspired robotics) at the Gesellschaft für Mathematik und Datenverarbeitung (GMD) in Sankt Augustin (part of Fraunhofer Institute since 1999)

1998 Senior Scientist at the Department for Electrical Engineering at Northeastern University in Boston, MA, USA; builded up a branch of the Fraunhofer Institute for Autonomous Intelligent Systems (FHG-AIS)

1999 Ph.D in Computer Science at the University of Bonn

“Tenure Track Assistant Professor” at the Northeastern University in Boston; in charge of a series of national German and US American projects focussing on autonomous intelligent robots in real-world applications

since 2002 Professor at the University of Bremen, Department for Mathematics and Computer Science; builded up the Robotics Lab

since 2005 Director of the Robotics Laboratory and speaker of the Bremen location of the German Centre for Artificial Intelligence (DFKI); implemented the research area for ‘autonomous intelligent robots’



Activities:

Member of the Programme Committee of KI 2006, the Programme Committee of IEEE International Conference on Robotics and Biomimetics (ROBIO 2006), the Programme Committee of GI Annual Meeting 2007, the Organizing Committee of the 1st International Conference on Dynamics in Logistics in Bremen (2007), the Organizing Committee of IEEE International Conference on Robotics and Automation ICRA 2007

Founding Member of IEEE Robotics and Automation's Technical Committee on Space Robotics

Member of GMT Gesellschaft für Maritime Technik, Hamburg, Germany.

2nd Place in RoboCup-Rescue, Dutch Open 2006, 3rd Place in RoboCup-Rescue, German Open 2005, Multiple Awards for Scorpion Robot at AMAM 2005, NASA Robot of the Month for Scorpion Robot in 2002

TAKANORI SHIBATA

Born in 1967

- 1989 B.S. in Electro-Mechanical Engineering at Nagoya University
- 1991 M.S. in Electro-Mechanical Engineering at Nagoya University
- 1992 Ph.D. in Electro-Mechanical Engineering at Nagoya University
- 1993 - 1998 research scientist at Mechanical Engineering Lab., AIST
- 1995 – 1997 postdoctoral associate at the Artificial Intelligence Lab., Massachusetts Institute of Technology (MIT)
- 1996 visiting researcher at the Artificial Intelligence Lab., University of Zurich
- 1998 visiting researcher at the Artificial Intelligence Lab., MIT
- 1998 – 2001 senior research scientist at Mechanical Engineering Lab., AIST
- since 2001 senior research scientist at Intelligent Systems Research Institute, AIST
research scientist for a project of “interaction and intelligence,” SORST, Japan Science and Technology Agency (JST)



Activities:

member of the IEEE (Institute of Electrical and Electronics Engineers) and other scientific and technical societies

inventor of the seal robot named Paro (World’s Most Therapeutic Robot by Guinness World Records in 2002)

“Robot of the Year” award from the Ministry of Economy, Trade and Industry, Japan in 2006

“The Outstanding Young Person (TOYP) of the world” from Junior Chamber International in 2004

Japanese Prime Minister’s Award in 2003

MARTIN HÄGELE

Born in 1962

1989 diploma in Engineering at the University of Stuttgart, Germany, and Master of Science at the George-Washington University in Washington, D.C.

1993 Head of Robotics System Department at the Fraunhofer Institute for Manufacturing Engineering and Automation (IPA) in Stuttgart

since 2001 member of the Fraunhofer IPA Board



Activities:

pioneering German study on the market potentials and challenges of service robots (1993)

Engelberger Robotics Award, the highest honour in robotics (2007)

member of the International Federation of Robotics (IFR), the European robotics research network (EURON) and the European Robotics Association (EUnited Robotics)

OSAMU MATSUMOTO

Born January 12th, 1964 in Osaka, Japan

1987 B.E. in mechanical engineering at Waseda University, Japan

1989 M.E. in mechanical engineering at Waseda University

1998 Ph.D. mechanical engineering at Waseda University

1989 - 1996 Researcher in Mechanism Division, Robotics Department, Mechanical Engineering Laboratory (MEL), Ministry of International Trade and Industry (MITI)

1996-2000 Senior Researcher in Mechanism Division, Robotics Department, Mechanical Engineering Laboratory (MEL), MITI

1999 Guest Researcher at the University of Karlsruhe, Germany

2001 Senior Research Scientist in Human-Friendly System Research Group, Intelligent Systems Institute, National Institute of Advanced Industrial Science and Technology (AIST)

2002 Subsection Chief, Industrial Machinery Division, Manufacturing Industries Bureau, Minister of Economy, Trade and Industry (METI)

2003 Senior Research Scientist in Field System Research Group, Intelligent Systems Institute, National Institute of Advanced Industrial Science and Technology (AIST)

since 2004 Senior Research Scientist in Safety Intelligence Research Group, Intelligent Systems Institute, AIST

since 2007 Guest Professor of Shibaura Institute of Technology



ARNO RUCKELSHAUSEN

Born 13th October 1957 in Burg-Gemuenden / Germany

- 1983 Diploma degree in physics, University of Gießen
- 1983 – 1987 Assistant researcher at the Universities of Gießen and Heidelberg (cooperation with Argonne Nat.Lab/Chicago)
- 1987 Ph.D. in experimental physics at the University of Gießen
- 1987 - 1991 Engineer at Philips Semiconductors (Hamburg) in the development and production of CCD image sensors and integrated circuits
- since 1991 Professor of Electrical Engineering and Computer Science at the University of Applied Sciences Osnabrück, Department



Activities:

Evaluation of research projects for the German Federal Ministry of Education and Research (BMBF), the German Federal Ministry of Economics and Labour (BMWA) and the German Federal Ministry of Food, Agriculture and Consumer Protection (BMELV)

Agritechnica Innovations Commission of the German Agricultural Association (DLG)

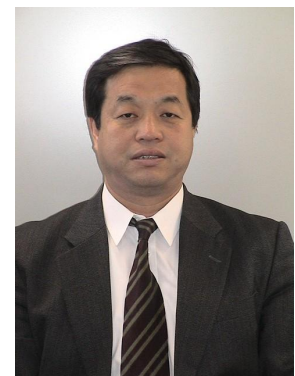
“Interdisciplinary Research Centre for Intelligent Sensor Systems ISYS” (since 1997) and “COALA - Competence Center in Applied Agricultural Engineering” (since 2007) at the University of Applied Sciences Osnabrueck

Organizer of the International Field Robot Event

HAJIME AOYAMA

Born December 17th, 1954

- 1979 B.A. at the Department of Precision engineering, Yamanashi University
- 1999 Ph.D of engineering, Utsunomiya University
- 1999 joined Fuji Heavy Industries Ltd, developed the Rough Terrain Crane, Large automatic mobile vehicle with multi axis, and the Cleaning Robot
- Now, as a General Manager of CLEAN ROBOT DEPARTMENT, develop Cleaning Robot, Transfer Robot, and several other robots
- since 2008 lecturer in the Faculty of Engineering at Utsunomiya University as a Specially Appointed Professor



Member of the Robotics Society of Japan and the Japan Society of Mechanical Engineers

ANDREAS BLEY

born September 30th, 1978 in Berlin

- 2003 Diploma in Industrial Engineering and Management (IEM), specialisation in electrical engineering and automation at the Ilmenau University of Technology.
- 2007 Ph.D at the Friedrich-Alexander-Universität Erlangen-Nürnberg, School of Business and Economics, International Economics incl. Theory and Politics of European Integration
- 2000 Managing Director of MetraLabs GbR
- Since 2001 Managing Director of MetraLabs GmbH Neue Technologien und Systeme, Ilmenau



JUSTUS HORTIG

Born October 6th, 1970 in Heidelberg, Germany

- 1999 Diploma in Mechanical Engineering at the Technical University of Darmstadt
- since 1999 Scientific Engineer at the Fraunhofer Institute for Factory Operation and Automation (IFF)

Major projects:

- 2001 – 2004 Automated histological screening of brain stroke effects on live tissue Projectmanagement Software
- 2003 – 2004 Innonet Cooperative Project Fahrlos – AGV Controller Software Open Source Projectmanagement IFF
- 2005 – 2006 Cleaning robot for the glass roof of Berlin Central Station Project Management
- 2006 – Management Façade Cleaning Robots

