

TUM-IAS Fellows

Hans Fischer Senior Fellows (27)

(Fellowship duration: 3 years)

Prof. Silvio Aime | University of Torino

Host: Prof. Markus Schwaiger | Clinic for Nuclear Medicine, TUM

Prof. Anuradha M. Annaswamy | MIT

Host: Prof. Sandra Hirche | Automatic Control Engineering, TUM

Prof. Yasuhiko Arakawa | University of Tokyo

Host: Prof. Gerhard Abstreiter | Experimental Semiconductor Physics, TUM

Prof. Polly Arnold | University of Edinburgh

Host: Prof. Fritz Kühn | Molecular Catalysis, TUM

Prof. Gerhard Beutler | University of Bern

Host: Prof. Reiner Rummel | Astronomical and Physical Geodesy, TUM

Prof. Douglas Bonn | University of British Columbia

Host: Prof. Johannes Barth | Molecular Nanoscience and Chemical Physics of Interfaces, TUM

Prof. Robijn Bruinsma | University of California, UCLA

Host: Prof. Andreas Bausch | Molecular and Cellular Biophysics, TUM

Prof. Matthew Campbell | University of Texas at Austin

Host: Prof. Kristina Shea | Product Development, TUM

Prof. Richard Davis | Columbia University

Host: Prof. Claudia Klüppelberg | Mathematical Statistics, TUM

Prof. Daniel Gianola | University of Wisconsin-Madison

Host: Prof. Chris-Carolin Schön | Chair of Plant Breeding, TUM

Prof. Markus Hegland | Australian National University

Host: Prof. Hans-Joachim Bungartz | Scientific Computing, TUM

Prof. Gino Isidori | Frascati National Laboratories

Host: Prof. Andrzej Buras | Particle Physics, TUM

Prof. Frank Kschischang | University of Toronto

Host: Prof. Gerhard Kramer | Institute for Communications Engineering, TUM

Prof. Walter Kucharczyk | University of Toronto

Host: Prof. Tim Lüth | Micro Technology and Medical Device Technology, TUM

Prof. Michael Ortiz | California Institute of Technology
Host: Prof. Wolfgang A. Wall | Computational Mechanics, TUM

Prof. Stefan Pokorski | University of Warsaw
Host: Prof. Andrzej Buras | Particle Physics, TUM

Prof. Wolfgang Porod | University of Notre Dame
Host: Prof. Paolo Lugli | Nanoelectronics, TUM

Prof. Stanley Riddell | University of Seattle
Host: Prof. Dirk Busch | Medical Microbiology, Immunology and Hygiene, TUM

Prof. Bert Sakmann | MPI for Neurobiology, Martinsried
Host: Prof. Arthur Konnerth | Neuroscience, TUM

Prof. Peter Schröder | California Institute of Technology
Host: Prof. Rüdiger Westermann | Computer Graphics and Visualization, TUM

Prof. Shuit-Tong Lee | City University of Hong Kong
Host: Prof. Martin Stutzmann | Experimental Semiconductor Physics, TUM

Prof. Tim Sparks | Anglia Ruskin University, Cambridge
Host: Prof. Annette Menzel | Ecoclimatology, TUM

Prof. Mandayam A. Srinivasan | MIT
Host: Prof. Martin Buss | Automatic Control Engineering, TUM

Prof. Raman I. Sujith | Indian Institute of Technology Madras
Host: Prof. Wolfgang Polifke | Thermodynamics, TUM

Prof. David A. Weitz | Harvard University
Host: Prof. Andreas Bausch | Molecular and Cellular Biophysics, TUM

Prof. Christian Werthmann | Harvard University
Host: Prof. Regine Keller | Landscape Architecture and Open Space, TUM

Prof. Zohar Yosibash | Ben-Gurion University
Host: Prof. Ernst Rank | Computation in Engineering, TUM

Hans Fischer Tenure Track Fellows (2)

(Fellowship duration: 5 years)

Prof. Hendrik Dietz | Biomolecular Nanotechnology, TUM
Host: Prof. Andreas Bausch | Molecular and Cellular Biophysics, TUM

Prof. Thomas Misgeld | Neuroscience, TUM
Host: Prof. Arthur Konnerth | Neuroscience, TUM

Carl von Linde Senior Fellows (9)

(Fellowship duration: 3 years)

Prof. Gerhard Abstreiter | Experimental Semiconductor Physics, TUM

Prof. Andrzej Buras | Particle Physics, TUM

Prof. Axel Haase | IMETUM, TUM

Prof. Horst Kessler | Organic Chemistry and Biochemistry, TUM

Prof. Claudia Klüppelberg | Mathematical Statistics, TUM

Prof. Ingrid Kögel-Knabner | Soil Science, TUM

Prof. Arthur Konnerth | Neuroscience, TUM

Prof. Reiner Rummel | Astronomical and Physical Geodesy, TUM

Prof. Ulrich Stimming | Interfaces and Energy Conversion, TUM

Carl von Linde Junior Fellows (16)

(Fellowship duration: 3 years)

Dr. Wilhelm Auwärter

Host: Prof. Johannes Barth | Molecular Nanoscience and Chemical Physics of Interfaces, TUM

Dr. Vladimir García Morales

Host: Prof. Katharina Krischer | Interfaces and Nonlinear Dynamics, TUM

Dr. Martin Gorbahn

Host: Prof. Andrzej Buras | Particle Physics, TUM

Prof. Adrian Jäggi

Host: Prof. Reiner Rummel | Astronomical and Physical Geodesy, TUM

Dr. Alexandra Kirsch

Host: Prof. Martin Buss | Automatic Control Engineering, TUM

Dr. Kolja Kühnlenz

Host: Prof. Martin Buss | Automatic Control Engineering, TUM

Prof. Dongheui Lee

Host: Prof. Martin Buss | Automatic Control Engineering, TUM

Dr. Julia Kunze-Liebhäuser
Host: Prof. Ulrich Stimming | Interfaces and Energy Conversion, TUM

Dr. Miriam Mehl
Host: Prof. Hans-Joachim Bungartz | Scientific Computing, TUM

Dr. Angelika Peer
Host: Prof. Martin Buss | Automatic Control Engineering, TUM

Dr. Marco Punta
Host: Prof. Burkhard Rost | Bioinformatics, TUM

Dr. Ulrich Rant
Host: Prof. Gerhard Abstreiter | Experimental Semiconductor Physics, TUM

Dr. Ian Sharp
Host: Prof. Martin Stutzmann | Experimental Semiconductor Physics, TUM

Prof. Robert Stelzer
Host: Prof. Claudia Klüppelberg | Mathematical Statistics, TUM

Dr. Christian Stemberger
Host: Prof. Dirk Busch | Medical Microbiology, Immunology and Hygiene, TUM

Dr. Dirk Wollherr
Host: Prof. Martin Buss | Automatic Control Engineering, TUM

Rudolf Diesel Industry Fellows (7)

(Fellowship duration: 3 years)

Dr. Matthias Heller | CASSIDIAN Air Systems, EADS Deutschland GmbH
Host: Prof. Florian Holzapfel | Flight System Dynamics, TUM

Dr. Tsuyoshi Hirata | Nippon Shokubai Ltd., Japan
Host: Prof. Johann Plank | Construction Chemicals, TUM

Prof. Khaled Karrai | Attocube
Host: Prof. Paolo Lugli | Nanoelectronics, TUM

Dr. Chin Man Mok | AMEC Geomatrix Engineering in Oakland, California
Host: Prof. Daniel Straub | Engineering Risk Analysis, TUM

Dr. Dragan Obradovic | Siemens
Host: Prof. Sandra Hirche | Automatic Control Engineering, TUM

Prof. Gernot Spiegelberg | Siemens
Host: Prof. Alois Knoll | Robotics and Embedded Systems, TUM

Dr. Georg von Wichert | Siemens
Host: Prof. Martin Buss | Automatic Control Engineering, TUM

ERC Grant Awardees

Starting Grants

Prof. Andreas Bausch | Chair for Molecular & Cellular Biophysics, TUM
Project: CompNet

Prof. Daniel Cremers | Computer Vision and Pattern Recognition Group, TUM
Project: CONVEXVISION

Prof. Hendrik Dietz | Department of Experimental Biophysics, TUM
Project: DNA ORIGAMI DEVICES

Prof. Karl-Ludwig Laugwitz | Cardiology, TUM University Hospital Klinikum rechts
der Isar
Project: CHD-IPS

Prof. Franz Pfeiffer | Chair of Biomedical Physics, TUM
Project: X-Ray Bioimaging

Prof. Stephan A. Sieber | Chair for Organic Chemistry II, TUM
Project: ANTIBACTERIALS

Prof. Eckehard Steinbach | Chair for Media Technology, TUM
Project: ProHaptics

Dr. Pierre Thibault | Chair of Biomedical Physics, TUM
Project: OPTIMAX

Prof. Annette Menzel | Chair of Ecoclimatology, TUM
Project: E3

Prof. Florian Greten | Medical Clinic and Policlinic (Gastroenterology), TUM
Project: ROSCAN

Advanced Grants

Prof. Ulrich Heiz / Prof. Ulrich Boesl-von Grafenstein | Chair for Physical Chemistry,
TUM
Project: ASC3

Prof. Vasilis Ntziachristos | Chair for Biological Imaging, TUM
Project: MSOT

Prof. Johannes Barth | Chair for Experimental Physics, TUM
Project: MolArt

Prof. Andrzej Buras | Chair for Theoretical Physics IV, TUM
Project: FLAVOUR

Prof. Martin Buss | Institute of Automatic Control Engineering, TUM
Project: SHRINE

Prof. Rüdiger Westermann | Computer Graphics and Visualization, TUM
Project: SaferVis

Prof. Christian Pfeleiderer | Institute of Experimental Physics E21, TUM
Project: Topological Spin Solitons for Information Technology

Gottfried Wilhelm Leibniz Prizewinner

2011
Prof. Franz Pfeiffer | Chair of Biomedical Physics, TUM

2012
Prof. Barbara Wohlmuth | Chair of Numerical Mathematics, TUM

Alexander von Humboldt Awardees

Humboldt Professors

Prof. Hans-Arno Jacobsen | University of Toronto, Department of Electrical and
Computer Engineering & Department of Computer Science, Canada
Technische Universität München: Information System

Prof. Gerhard Kramer | University of Southern California, Department of Electrical
Engineering, USA
Host: Prof. Joachim Hagenauer | Institute for Communications Engineering, TUM

Prof. Burkhard Rost | Columbia University, Department of Biochemistry and
Molecular Biophysics, New York, USA
Host: Prof. Wolfgang A. Herrmann | TUM President

Prof. Matthias Tschöp | University of Cincinnati, School of Medicine, Division of
Endocrinology, Diabetes and Metabolism, USA
Technische Universität München: Professorship for Insulin Resistance

Humboldt Research Awardees / Honorary Hans Fischer Senior Fellows

Prof. Constance Chang-Hasnain | University of California, Department of Electrical Engineering and Computer Sciences, Berkeley, USA

Host: Prof. Markus-Christian Amann | Computational Science, TUM

Prof. Chang Wen Chen | State University of New York at Buffalo, USA

Host: Prof. Eckehard Steinbach | Electrical Engineering and Information Technology, TUM

Prof. William A. Eaton | National Institutes of Health, National Institute for Diabetes and Digestive and Kidney Diseases, Bethesda, USA

Host: Prof. Thomas Kiefhaber | Chair of Biophysical Chemistry, TUM

Prof. Charles M. Elliott | University of Warwick, Department of Mathematics, Coventry, UK

Host: Prof. Karl-Heinz Hoffmann | Chair for Applied Mathematics, TUM

Prof. Ben L. Feringa | University of Groningen, Department of Chemistry, Netherlands

Host: Prof. Thorsten Bach | Chemistry Department, Chair for Organic Chemistry, TUM

Prof. M. G. Finn | Scripps Research Institute, Department of Chemistry, La Jolla, USA

Host: Prof. Horst Kessler | Chair in Organic Chemistry and Biochemistry, TUM

Prof. Brian C. Freeman | University of Illinois at Urbana-Champaign, Department of Cell and Developmental Biology, USA

Host: Prof. Johannes Buchner | Chair in Biotechnology, TUM

Prof. Gregory Fu | Massachusetts Institute of Technology, Department of Chemistry, USA

Host: Prof. Thorsten Bach | Chemistry Department, Chair for Organic Chemistry, TUM

Prof. Yoshihisa Inoue | Osaka University, Department of Applied Chemistry, Graduate School of Engineering, Japan

Host: Prof. Thorsten Bach | Department of Organic Chemistry, TUM

Prof. Roberta L. Klatzky | Carnegie Mellon University, Department of Psychology, Pittsburgh, USA

Host: Prof. Martin Buss | Institute of Automatic Control Engineering, TUM

Prof. Andre Longtin | University of Ottawa, Center for Neural Dynamics, Physics Department, Canada

Host: Prof. J. Leo van Hemmen | Theoretical Biophysics, TUM

Prof. Marc Noy | Universitat Politècnica de Catalunya, Department of Applied Mathematics, Barcelona, Spain
Host: Prof. Anusch Taraz | Center of Mathematics M9, TUM

Prof. Gottfried Otting | Australian National University, Research School of Chemistry, Canberra
Hosts: Prof. Steffen Glaser, Prof. Michael Sattler | Department of Chemistry, TUM

Prof. Antonio Pich Zardoya | Universidad de Valencia, Instituto de Física Corpuscular, Edifici d'Instituts de Paterna, Spain
Hosts: Prof. Andrzej J. Buras, Prof. Nora Brambilla | Physics Department, TUM

Prof. George D. Rose | Johns Hopkins University, Department of Biophysics, Baltimore, USA
Host: Prof. Thomas Kiefhaber | Department of Biophysical Chemistry, TUM

Prof. Andreas S. Schulz | Massachusetts Institute of Technology, Cambridge, USA
Host: Prof. Peter Gritzmann | Department of Mathematics, TUM

Prof. Devarajan Thirumalai | University of Maryland at College Park, Institute for Physical Science and Technology, USA
Host: Prof. Matthias Rief | Molecular & Cellular Biophysics, TUM

TUM Distinguished Affiliated Professors

Natural Sciences/Mathematics

Prof. Ugo Amaldi | CERN, Geneva/Switzerland

Prof. Gerhard Ertl | Fritz Haber-Institut MPG, Berlin

Prof. Robert Grasselli | University of Delaware, Wilmington/USA

Prof. Martin Grötschel | Konrad Zuse-Zentrum für Informationstechnik, Berlin

Prof. Francis Halzen | University of Wisconsin-Madison, Madison/USA

Prof. Regine Kahmann | Max Planck Institute for Terrestrial Microbiology, Marburg Biology/Center of Life and Food Sciences, Weihenstephan

Prof. Klaus von Klitzing | Max Planck Institute for Solid State Research, Stuttgart

Prof. Rudolph A. Marcus | California Institute of Technology, Pasadena/USA

Prof. Tobin Marks | Northwestern University, Evanston/USA

Prof. Sidney I. Resnick | Cornell University, Ithaca/USA

Prof. Ronald D. Ruth | Stanford University, Stanford/USA

Prof. Masahiro Watanabe | University of Yamanashi, Kofu/Japan

Engineering Sciences/Computer Science

Prof. Leon O. Chua | University of California, Berkeley/USA

Prof. Wan Gang | Minister of Science and Technology of the People's Republic of China, Peking/China

Prof. Eveline Gottzein | Universität Stuttgart, Höhenkirchen

Prof. Helmut Jahn | Murphy/Jahn, Inc., Chicago/USA

Prof. Wolfgang Kröger | ETH Zürich, Zurich/Switzerland

Prof. James L. Massey | ETH Zürich (Prof. Emeritus), Copenhagen/DK

Prof. Yoshihiko Nakamura | University of Tokyo, Tokyo/Japan

Prof. Lawrence C. Paulson | University of Cambridge, Cambridge/UK

Prof. Dieter Rams | Kronberg im Taunus

Prof. August-Wilhelm Scheer | Universität des Saarlandes, Saarbrücken

Prof. Albert Speer jun. | AS&P – Albert Speer & Partner GmbH, Frankfurt a.M.

Medicine / Life Sciences

Prof. Adriano Aguzzi | Universitätsspital Zürich, Zürich/Switzerland

Prof. Fridtjof Nüsslin | Universität Tübingen (Prof. Emeritus), Munich

Humanities and Social Sciences/Economics

Prof. Jutta Allmendinger | Wissenschaftszentrum Berlin für Sozialforschung, Berlin

Prof. Jürgen Mittelstraß | Universität Konstanz, Constance, TUM School of Education

Prof. Helga, Nowotny | European Research Council, Vienna/Austria, TUM School of Education

Prof. Ortwin Renn | Universität Stuttgart, Stuttgart, TUM School of Education

Prof. Londa Schiebinger | Stanford University, Stanford/USA, TUM School of Education

Prof. Mitchell M. Tseng | Hong Kong University of Science and Technology, Hong Kong/China, TUM School of Management

Prof. Elke Weber | Columbia University, New York/USA, TUM School of Management