**2013 IEEE Fellows from Region 8 Sections**

# Rolf Alfons Aschenbrenner Fraunhofer IZM

Berlin, Germany

for contributions to microelectronic packaging

# Gaetano Assanto University "Roma Tre"

Rome, Italy

for contributions to nonlinear optical guides and spatial solitons

# Salvo Baglio University of Catania Catania, Italy

for contributions to development of microsensors and magnetometers

# Jacek A. Blazewicz

Poznan University of Technology Poznan, Poland

for contributions to combinatorial models of task scheduling

# Vincent Daniel Blondel

Universit Catholique de Louvain (UCL)

Louvain-la-Neuve, Belgium

for contributions to computational analysis of systems and networks

# Wolfgang M. Boesch

Institut fuer Hochfrequenztechnik Graz, Austria

for technical leadership in microwave active devices and circuits

# Maurice Emile Borgeaud European Space Agency (ESA)

Frascati, Rome, Italy

for leadership in microwave remote sensing from spaceborne systems and retrieval of bio- physical and geo-physical parameters for land applications.

# David Roger Bull University of Bristol Bristol, South Glos., UK

for contributions in video analysis, compression and communications

# Jan Camenisch

IBM Zurich Research Lab Rueschlikon, Switzerland

for contributions to privacy-enhancing cryptographic protocols

# Raja Chatila

ISIR - CNRS and University Pierre and Marie Curie

Paris, France

for contributions to robot navigation and cognitive robotics

# Franois Chaumette

Inria Rennes Bretagne Atlantique - IRISA Rennes, France

for contributions to vision-based robot control

# Gerard Denis Cohen Telecom ParisTech (ENST)

Paris, France

for contributions to combinatorial aspects of coding theory

# David Robert Sime Cumming University of Glasgow Glasgow, UK

for contributions to integrated sensors and microsystem technology

# Mihai Datcu

DLR, Oberpfaffenhofen / Germany Wessling, Germany

for contributions to information mining of high resolution synthetic aperature radar and optical earth observation images

# Antonio De Maio

University of Naples "Federico II"

Napoli, Italy

for contributions to radar signal processing

# Yonina C. Eldar

Technion - Israel Institute of Technology Haifa, Israel

for contributions to compressed sampling, generalized sampling, and convex optimization

# David Esseni University of Udine Udine, Italy

for contributions to characterization and modeling of mobility and quasi-ballistic transport in MOS transistors

# Elena Ferrari

Universit degli Studi dellInsubria Varese, Italy

for contributions to security and privacy for data and applications

# Giles Martin Foody University of Nottingham

Nottingham, Nottinghamshire, UK

for contributions to the remote sensing of land cover

# Paolo Ettore Gamba University of Pavia Pavia, Italy

for contributions to very high resolution remote sending image processing of urban areas

# Gerard Ghibaudo IMEP-LAHC

Grenoble, France

for contributions to electron device characterization and modeling

# Dimitris Gizopoulos University of Athens Athens, Greece

for contributions to self-testing and on-line error detection of microprocessor architectures

# Leonid Grcev

Ss. Cyril and Methodius University Skopje, Macedonia

for contributions to transient electromagnetic modeling of grounding systems

# Christine Guillemot

INRIA, Institut National de Recherche en Informatique et Automatique

Rennes-Cedex, France

for contributions to image and video compression.

# Hani Hagras University of Essex Colchester, UK

for contributions to fuzzy systems

# Yang Hao

Queen Mary University of London Barnet, Hertfordshire, UK

for contributions to antennas and propagation for body-centric wireless communications

# Sailing He

The Royal Institute of Technology (Sweden)

Stockholm, Sweden

for contributions to subwavelength photonics

# Hakan Hjalmarsson

Royal Institute of Technology (KTH), Sweden Stockholm, Sweden

for contributions to data-based controller design

# Ulrich Jakobus

EM Software & Systems - S.A. Pty Ltd.

Stellenbosch, Western Cape, South Africa

for leadership in hybrid computational tool development and commercialization

# RolfJohanssoLund University Lund, Sweden

for contributions to system identification and adaptive control

# Karl Henrik Johansson

Royal Institute of Technology Stockholm, Sweden

for contributions to the applications of hybrid and networked systems

# Leo Joskowicz

The Hebrew University of Jerusalem Jerusalem, Israel

for contributions to computer assisted surgery and medical image processing

# Tadeusz Kaczorek

Warsaw University of Technology Warszawa, Poland

for contributions to industrial control systems

# Andre Kaup

University of Erlangen-Nuremberg Erlangen, Bavaria, Germany

for contributions to video coding and object-based video signal processing

# Yann Kerr

Centre National D'Etudes Spatiales (CNES)

Toulouse Cedex 9, France

for contributions to two-dimensional L-band microwave interferometer design

# Peter B. Key

Microsoft Research Ltd., UK Cambridge, Cambs, UK

for contributions to optimal control of trunk reservations and distributed admission control in communication systems

# Nicholas G. Kingsbury University of Cambridge Cambridge, UK

for contributions to wavelet transform theory and filterbank design

# Gerhard Johannes Krieger German Aerospace Center (DLR)

Wessling, Bavaria, Germany

for contributions to advanced synthetic aperture radar systems

# Riccardo Lanari

Consiglio Nazionale delle Ricerche (CNR)

Napoli, Italy

for contributions to synthetic aperture radar processing

# Juerg Leuthold

Karlsruhe Institute of Technology (KIT)

Karlsruhe, Germany

for contributions to high-speed optical communications

# Paul Leonard Lewin

University of Southampton (UK)

Southampton, Hampshire, UK

for contributions to high voltage cable engineering

# Marco Liserre Politecnico di Bari Bari, Italy

for contributions to grid connection of renewable energy systems and industrial drives

# Gerald Quentin Maguire

KTH Royal Institute of Technology Kista, Stockholm, Sweden

for contributions to mobile networks and cognitive radio systems

# Danilo Mandic

Imperial College London London, UK

for contributions to multivariate and nonlinear learning systems

# Guglielmi Marco

European Space Agency - ESTEC Noordwijk, The Netherlands

for contributions to multimode equivalent network representations and microwave filter design

# Cian O. Mathuna Tyndall National Institute Cork, Ireland

for leadership in the development of power supply using micromagnetics on silicon

# Carlos Mazure SOITEC

Bernin, France

for leadership in the field of silicon on insulator and memory technologies

# Gaudenzio Meneghesso University of Padova Padova, Italy

for contributions to the reliability physics of compound semiconductors devices

# Mauro Mongiardo University of Perugia Perugia, Italy

for contributions to the modal analysis of complex electromagnetic structures

# Paul Muralt

EPFL Swiss Federal Institute of Technology Lausanne Lausanne, VD, Switzerland

for contributions to piezoelectric microelectro mechanical systems

# Renovell Nichel

# LIRMM-CNRS

Montpellier Cedex, Herault, France

for contributions to failure analysis and to defect-oriented tests of digital and analog circuits and systems

# Bikash C. Pal

Imperial College London London, UK

for contributions to power system stability and control

# Constantinos B. Papadias

Athens Information Technology (AIT)

Peania, Athens, Greece

for contributions to signal processing and coding for multi-antenna wireless systems

# Marcello Pelillo University of Venice Venezia Mestre, Italy

for contributions to graph-theoretic and optimization-based approaches in pattern recognition and computer vision

# Christian Yves Dominique Pichot

French National Center for Scientific Research (CNRS)

Valbonne, France

for contributions to microwave tomography and antenna designs

# Beatrice Popescu Telecom ParisTech Paris, France

for contributions to image and video compression and networking

# John Robertson Cambridge University Cambridge, UK

for contributions to the understanding of high-k dielectrics and metal gate electrodes for CMOS technology

# Lucio Rossi CERN

Geneva 23, Switzerland

for leadership in developing magnetic systems for the Large Hadron Collider

# Corsi Sandro CESI SpA

Castellanza, Varese, Italy

for contributions to wide-area voltage and reactive power regulation and protection

# Carsten W. Scherer University of Stuttgart Stuttgart, Germany

for contributions to optimization-based robust controller synthesis

# AndréSeznec INRIA

Rennes, France

for contributions to design of branch predictors and cache memory for processor architectures

# Marc L. Stubbe Tractebel Engineering

Rhode-Saint-Gense, Belgium

for contributions to power system analysis and simulation techniques

# Francesco Svelto University of Pavia Pavia, Italy

for contributions to analysis and design of radio frequency circuits and systems

# Jerzy Tyszer

Poznan University of Technology Poznan, Poland

for contributions to digital VLSI circuit testing and test compression

# Antonius F.W. Van der Steen Erasmus MC

Rotterdam, The Netherlands

for development of ultrasound diagnostic techniques for vulnerable plaque detection

# Guy A.E. Vandenbosch Catholic University of Leuven Heindonk Willebroek, Belgium

for contributions to multilayer antennas and computational electromagnetics

# Ingrid M.R. Verbauwhede University of Leuven Heverlee, NA, Belgium

for contributions to design of secure integrated circuits and systems

# Philip Charles Woodland Cambridge University Cambridge, Cambs, UK

for contributions to large vocabulary speech recognition

# Eric Morgan Yeatman Imperial College London London, UK

for contributions to the development of micro-electro-mechanical devices

# Ephraim Zehavi Bar Ilan University Ramat-Gan, Israel

for contributions to pragmatic coding and bit interleaving