

Proceedings

**IECON 2013 - 39th Annual
Conference of the IEEE
Industrial Electronics Society**

Austria Center Vienna
Vienna, Austria
10 - 14 November, 2013

Sponsored by

The Institute of Electrical and Electronics Engineers (IEEE)
IEEE Industrial Electronics Society (IES)

Co-sponsored by

Austrian Institute of Technology (AIT), Austria
Vienna University of Technology (TU Vienna), Austria

Copyright and Reprint Permission: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923. For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Operations Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved. Copyright ©2013 by IEEE.

IEEE Catalog Number: CFP13IEC-ART

ISBN: 978-1-4799-0224-8

Welcome Message of the IECON 2013 Chairs

The 39th Annual Conference of the IEEE Industrial Electronics Society (IECON2013), November 10-13, 2013 at Austria Centre Vienna, Austria, is focusing on industrial and manufacturing theory and applications of electronics, controls, communications, instrumentation and computational intelligence. The purpose of IECON 2013, following the footsteps of the previous editions, is to promote activities in various areas of industrial electronics by providing a forum for exchange of ideas, presentation of technical achievements and discussion of future directions. The IECON2013 brings together an international community of experts to discuss the state-of-the-art, new research results, perspectives of future developments, and innovative applications relevant to Power Electronics & Energy Conversion, Renewable Energy & Sustainable Development, Power Systems, Electronic System on Chip & Real Time Embedded Control, Signal and Image Processing & Computational Intelligence, Electrical Machines & Drives, Control Systems & Applications, Sensors, Actuators and Systems Integration, Mechatronics & Robotics, Factory Automation & Industrial Informatics, Information Processing and Communications, and related areas.

IECON is the Industrial Electronics Society's flagship conference. IECON 2013 is the biggest IECON ever, has the largest industry forum, exhibition, number of contributed papers, number of high-quality tutorials, student events, number of countries and side events. IECON 2013 had 1983 papers submitted from more than 80 countries. We will have 1350 papers for oral presentation at the conference after first going through a rigorous review process, then by second going through a quality control process conducted at the Program Committee (PC). The technical Program of IECON 2013 consists of two Keynote Talks, an Industrial Forum, a Student Forum, 311 technical sessions in 12 tracks and 66 special sessions, and 12 tutorials.

We would like to express our sincere appreciation to the IECON 2013 organizing committee members. The conference with such scale will not be possible without their strong commitment and efforts. Last but not the least, our sincere gratitude go to all the authors and invited speakers, for your participation and for providing the intellectual sharing on experiences. We hope you will enjoy Vienna experience while you find IECON2013 a fruitful, memorable conference technically and socially. Welcome and enjoy your stay in Vienna!

IECON 2013 Program Chairs

Peter Palensky, Luis Gomes, Mo-Yuen Chow

IECON 2013 General Chairs

Dietmar Dietrich, Ren C. Luo, John Y. Hung

IECON 2013 Committees

Honorary Chairs

Leopoldo G. Franquelo (Spain)
Kouhei Ohnishi (Japan)
Gerard-Andre Capolino (France)
Okyay Kaynak (Turkey)

General Chairs

Dietmar Dietrich (Austria)
John Y. Hung (USA)
Ren C. Luo (Taiwan)

Technical Program Chairs

Peter Palensky (Austria)
Luis Gomes (Portugal)
Mo-Yuen Chow (USA)

Publicity Chairs

Mariusz Malinowski (Poland)
Yoichi Hori (Japan)

Publication Chairs

Gerhard Zucker (Austria)
Andrés Meléndez Augusto Nogueiras (Spain)

Special Session Chairs

Gerhard P. Hancke (South Africa)
Dietmar Bruckner (Austria)
Friederich Kupzog (Austria)
Juan J. Rodriguez-Andina (Spain)

Tutorial Chairs

Heimo Zeilinger (Austria)
Carlo Cecati (Italy)
Seta Bogosyan (USA)

Finance Chairs

Jan Haase (Austria)
Terry Martin (USA)

Exhibit Chair

Georg Lauss (Austria)

Program Committee

Power Electronics & Energy Conversion

Chandan Chakraborty
Maria I. Valla
Babak Fahimi
Hao Ma
José Ignacio León Galván

Renewable Energy & Sustainable Development

Josep M. Guerrero
Marco Liserre
Wolfgang Hribernik

Power Systems

Le Xu
Ziang Zhang
Concettina Buccella

Electronic System on Chip & Real Time Embedded Control

Marcian Cirstea
Eric Monmasson
Marc Perron

Signal and Image Processing & Computational Intelligence

Milos Manic
Rainer Unland

Electrical Machines & Drives

Leila Parsa
Mario Pacas
Antonio Marques-Cardoso
Christian Kral

Control Systems & Applications

Xinghuo Yu
Jiming Chen
Hiroshi Fujimoto

Sensors, Actuators and Systems Integration

Antonio Luque Estepa
Aleksander Malinowski

Mechatronics & Robotics

Roberto Oboe
Kioshi Ohishi
Yousef Ibrahim
Makoto Iwasaki

Factory Automation & Industrial Informatics

Valeriy Vyatkin
Paulo Leitao

Information Processing and Communications

Thilo Sauter
Stamatis Karnouskos
Jose Fonseca

Electric and Plug-in Hybrid Electric Vehicles

Sheldon Williamson
Akshay Kumar Rathore
David Dorrell

Special Session Organizers

SS01-Matrix Converters

Marco Rivera Abarca
Jose Rodríguez
Patrick Wheeler
Haitham Abu-Rub

SS02-Power Management based on Advanced Identification and Classification Techniques

Thomas Bier
Djaffar Ould Abdeslam
Dirk Benyoucef
Jean Merckle

SS03-Induction heating systems

Óscar Lucía
Claudio Carretero

SS04-Control and Filtering For Distributed Networked Systems

Qing-Long Han
Josep M. Fuertes
Mo-Yuen Chow

SS06-Multiphase Variable Speed Drives

Emil Levi
Federico Barrero

SS07-Wind Energy Conversion Systems: Advanced Topologies and Control

Emil Levi
Mario J. Durán

SS08-Intelligent Real-time Automation and Control Systems

Thomas Strasser
Alois Zoitl
Antonio Valentini
Valeriy Vyatkin

SS09- Real-time Simulation and Hardware-in-the-Loop Validation Methods for Power and Energy Systems

Georg Lauss
Felix Lehfuß
Filip Andrén
Thomas Strasser

SS10-RFID Technology & Wireless Sensor Networks

Teresa Riesgo
Jorge Portilla
Jin-Shyan Lee
Antonio Torralba

SS11-Diagnostic of AC Machine Based Complex electromechanical systems

Humberto Henao
Shahin Hedayati Kia

SS12-Ambient intelligence of mobile robots or vehicle with human factors

Kang-Hyun Jo
Hiroshi Hashimoto
Burkhard Wuensche
Laurent Heutte

SS13-Recent applications of signal and image processing techniques and pattern recognition algorithms to condition monitoring of electrical machines and drives

Jose A Antonino-Daviu
Ioannis Tsoumas
Elias Strangas

SS14-Industrial Wireless Communication and its Applications

Johan Åkerberg
Mikael Gidlund

SS15-Network-based Control Systems and Applications

Josep M. Fuertes
Mo-Yuen Chow

SS16-Building Automation - Handling the Complexity

Jan Haase
Gerhard Zucker
Wolfgang Kastner
Yoseba Peña

SS17-Predictive Control for Power Converters and Drives

Sergio Vazquez
Jose Rodriguez
Leopoldo G. Franquelo
Hector Young

SS18-Compliant Robots

Yasutaka Fujimoto
Kiyoshi Ohishi
Naoki Oda

SS19-New Trends in Converter Topologies and Control Methods for Active Power Distribution Grids

Enrique Romero-Cadaval
Dmitri Vinnikov
Joao Martins
Marek Jasinski
Frede Blaabjerg

SS20-Lighting the Future

J. Marcos Alonso
Ricardo N. do Prado
Francisco Azcondo
Tiago B. Marchesan

SS21-Haptics for Human Support

Seiichiro Katsura
Kiyoshi Ohishi
Yasutaka Fujimoto

SS22-Network Control Systems for Interactive Power/Energy Networks

Sudip K. Mazumder
Mo-Yuen Chow
Josep M. Fuertes

SS23-Modular Multilevel Converters and other Multilevel Converter Topologies and Applications

Jose I. Leon
Leopoldo G. Franquelo
Samir Kouro
Marcelo Perez

SS24-Resilience and Security in Industrial Agents and Cyber-physical Systems

Paulo Leitão
Milos Manic
Armando Colombo

SS25-Smart Building Infrastructures for Integration of On-site Power Generation and Energy Storage

Giovanni Spagnuolo
Weidong Xiao

SS26-Biomimetics and Bionics Robotics

Maki K. Habib
Ju-Jang Lee
Keigo Watanabe
Fusaomi Nagata

SS27-Advanced Signal Processing Techniques for Power Systems Applications

Patrice Wira
Djaffar Ould Abdeslam

SS28-Advanced Motion Control for Mechatronic Systems

Hiroshi Fujimoto
Makoto Iwasaki
Roberto Oboe
Toshiaki Tsuji

SS29-Electric Traction Drives for Road Vehicles

Giuseppe Buja
Chandan Chakraborty
Ritesh Kumar Keshri

SS30-Cognitive Architectures and Multi-Agent Systems

Dietmar Bruckner
Friedrich Gelbard
Samer Schaat
Alexander Wendt

SS31-Trust in ICT Infrastructures for Smart Grids

Dominik Engel
Ulrich Hofmann

SS32-Advances in Energy Storage

Federico Baronti
Mo-Yuen Chow
Sheldon S. Williamson
Nihal Kularatna
Hubert Razik
Roberto Saletti
Walter Zamboni

SS33-Electronic System Level (ESL) Design and Virtual Prototyping (VP) for Industrial Electronics

Sumit Adhikari
Javier Moreno Molina

SS34-Engineering Tool Integration for Industrial Automation System Development (ETAS)

Dietmar Winkler
Richard Mordinyi
Leon Urbas
Vladimír Marík

SS35-V2X Communication Technology Status, Outlook and remaining Challenges

Alexander Paier
Christoph Mecklenbräuker

SS36-Processes and Tools for Mechatronical Engineering of Production Systems

Arndt Lüder
Stefan Biffel

SS37-Engineering Paradigms for Automated Facilities

Matthias Foehr
Tobias Jäger
Paulo Leitão

SS38-Photovoltaic Energy Conversion Systems

Samir Kouro
Mariusz Malinowski
Haitham Abu-Rub
Marcelo Perez
Bin Wu

SS41-Smart and Universal Grids

Wolfgang Gawlik
Georg Kienesberger
Thomas Leber
Alexander Wendt

SS42-High-performance power supplies

G. Buja
M.T. Outeiro
A. Carvalho
R. Visintini

SS43-Power Converters, Control, and Energy Management for Distributed Generation

Akshay K. Rathore
Herbert Iu
Dylan Lu

SS44-Power Electronics, Control, Motor Drives, and Energy Management in Electric and Fuel Cell Vehicles

Akshay K. Rathore
David Dorrell
Fei Gao

SS45-Aspects of Design and Manufacturing in Electrical Machine Design for Variable-Speed Drives and Generators in Automotive and Renewable Energy Applications

David Dorrell
Ke-Han Su

Jonathan Shek

SS46-Advanced Signal Processing Tools for Failures Detection and Diagnosis in Electric Machines and Drives

Mohamed Benbouzid
Demba Diallo

SS47-Industrial Agents

Paulo Leitão
Stamatis Karnouskos
Armando Colombo
Birgit Vogel-Heuser
Peter Göhner
Arndt Lüder

SS48-Advanced Control of Low Voltage Distribution Networks

M. Stifter
L. Ochoa
Benoit Bletterie

SS49-Emerging methods and technologies for Eco-Factories engineering and control

Claudio Palasciano
Paola Fantini
Gerrit Posselt
Rafal Cupek

SS50-Modeling and Simulation of Cyber-Physical Energy Systems

Edmund Widl
Sebastian Lehnhoff
M. Stifter

SS51-Intelligent information processing for the Smart Grid: innovative estimation, control and optimization methods

Gerasimos Rigatos
Pierluigi Siano
Nikolaos Zervos

SS52-Advanced Control Strategies for Wind Turbines Fault Ride-Through Capability Enhancement

Mohamed Benbouzid
Marwa Ezzat
Lennart Harnefors
S.M. Muyeen

SS53-Self-organising, robust Automation Systems

Joern Ploennigs
Dirk Pesch
Suzanne Lesecq
Antonello Monti

SS55-Special Session on Verification of Hardware Systems and Circuits

Florian Schupfer
Michael Rathmaier

SS56-High Power Factor Rectifiers

Hadi Y. Kanaan
Kamal Al-Haddad

SS57-Advanced Power Electronics for Power Quality Improvement in Distributed Generation Systems under Heavy Penetration of Renewable Energy Sources and Nonlinear Loads

Hadi Y. Kanaan
Kamal Al-Haddad

SS58-Current Status of Intelligent Spaces, Conversion of Robotics, Mechatronics, Control and Interfaces

Hideki Hashimoto
Peter Korondi
Géza Husi

SS59-Systems and devices for promoting energy efficiency in compressed air systems

Norma Anglani
Francesco Benzi
Carlo Cecati
Luc De Beul

SS60-Control Techniques for Efficient Management of Renewable Energy Micro-grids

Carlos Bordons
Luis Yebra

SS61-Renewable Energy Sources and their Integration to grid Power Supply

Akshay K. Rathore
Sanjib K. Panda

SS62-Demand Response integration in the Smart Grid

Sara Ghaemi
Christian Elbe

SS63-Photovoltaics: Characterization, Modeling and Simulation Methods

Stephan Abermann
Rita Ebner
Elisabeth Mrakotsky
Marcus Rennhofer

SS64-Energy and Information Technology

Peter Palensky
Hiroaki Nishi

SS65-Fault tolerant power converters for automotive applications

Arnaud Gaillard
Abdesslem Djerdir
Sheldon Williamson

SS67-Sensorless Control of Permanent Magnet Synchronous Machines

Manfred Schrödl

SS68-Human Support Technology on Human Factors

Kang-Hyun Jo
Hiroshi Hashimoto
Sho Yokota

SS69-Nonlinear Dynamics of Power Converters

Abdelali El Aroudi
Damian Giaouris

SS71-Health and Sustainable Technologies for Next Generation Home and Building Automation

Kim-Fung Tsang
Candy HY Tung
Gerhard Hancke

SS72-Advanced Controllers for High Performance AC Drives

Chandan Chakraborty
Carlo Cecati

SS73-Advanced Active Power Filters & Static VAR Compensators

Chandan Chakraborty
Kamal Al-Haddad

Tutorials

Z-Source Inverter: Basics, Modeling, Controlling, topology modifications and applications

Ellabban, Omar (Texas A&M University at Qatar)
Nov 11 Afternoon

Industry 4.0 - Utilizing Wearable & Mobile Systems for Improved Service Delivery

Markus Aleksy (ABB Corporate Research, Germany)
Nov 11 Afternoon

Tools, Services and Engineering methodologies for Robust, Adaptive, Self-organising and Cooperating Monitoring and Control Systems

Suzanne Leseq (Campus, Grenoble, France)
Nov 11 Afternoon

Electric Vehicle Charging Integration in Distribution Grids

Johan Driesen (ESAT--ELECTA, Belgium)
Nov 12 Morning

PHM of fuel cell system - a state of the art

Daniel Hissel (FCLAB Research Federation (CNRS))
Nov 12 Morning

Industrial Ethernet - Technologies, Comparisons, Practical Considerations

Thilo Sauter (Vienna University of Technology)
Nov 12 Morning

Frequency Control and Inertia Response Schemes for the Future Power Networks

Francisco M. Gonzalez-Longatt (Coventry University)
Nov 12 Afternoon

Modern Design Process of Electric Motors

David A. Staton (Motor Design Ltd, United Kingdom)
Nov 12 Afternoon

Xilinx - Enabling New Product Innovations Across Markets with Zynq-7000 All Programmable SoC, Vivado HLS and IP Integrator

Olivier Tremois (Xilinx: Le Val Saint Quentin - Bat B)
Nov 12 Afternoon

Energy Harvesting from Motion: Fundamentals and Recent Advances

Andrew S. Holmes (Imperial College London)
Nov 13 Morning

Solid-State Transformer Concepts in Traction and Smart Grid Applications

Johann Walter Kolar (Power Electronics - ETH Zurich)
Nov 13 Morning

New Emerging Technologies in Motion Control Systems

Toshiaki Tsuji (University of Saitama, Japan)
Nov 13 Morning

Technical Program Reviewers

A. El Aroudi
A. Goedtel
A. I. Chrysochos
A. K. Panda
A. V. Raviteja
A. Xue
A. C. M. Fong
A. D. Kenyon
A. R. Beig
AbdAlla Fahmy
Abdelali El Aroudi
Abdellah Kouzou
Abdessamad Horch
Abdesslem Djerdir
Abdul Aziz Mohd Junaidi
Abhijit Choudhury
Abhijit Kulkarni
Abolfazl Halvaei Niasar
Achime Berger
Adam Milczarek
Adam Taylor
Adam Ziebinski
Ademir Nied
Aderito Neto Alcaso
Agelidis
Agurtzane Etxegarai
Ahmad Al-Hammouri
Ahmed A. Elserougi
Ahmed Bouridane
Ahmed Massoud
Ahmed Sony Kamal
Ahmet Afsin Kulaksiz
Aimeng Wang
Aimie Nazmin Azmi
Aimin Jiang
Aitor Laka
Akinori Sasaki
Akio Gofuku
Akram Eddahech
Akshay K. Rathore
Al-Thaddeus Avestruz
Alan Watson
Alan Wertsching
Alan Wilson
Albana Ilo
Alben Cardenas
Alberto Pigazo
Alberto Tenconi
Alceu Andre Badin
Aldo Bogliatti
Hossam Gaber
Hossein Riazmontazer
Hu Qiuyang
Hua Geng
Hua Lin
Huai Wang
Huan Tan
Huang-Jen Chiu
Hubert Kirrmann
Hubert Razik
Hugo Estofanero Larico
Hugo Guzman
Hui Liu
Huiqing Wen
Humberto Henao
Hyeon-Chyeol Hwang
Hyosung Kim
Hyun-Keun Ku
Helder de Paula
I. Momber
I-Hsien Lin
I. Petrina
Ian Bennett
Ian Van Der Linde
Igor Sartori
Ikenna Bruce Efika
Iker Diaz de Zerio
Ikram Ullah
Ilan Aharon
Ilya Galkin
Ilya Petrov
Imad Elhajj
Imad Mougharbel
Iman Badr
Imen Bahri
Indra Gunawan
Indrek Roasto
Ines Omrane
Ines Sanz
Bud Fogal
Sean Murphym
Ingo Hegny
Ingo Stadler
Ioannis Sotiropoulos
Ioannis Tsoumas
Ion Boldea
Iosu Aizpuru
Iraide Lopez
Iren Valova
Irinel Valentin Pletea
Pasi Nuutinen
Pasi Peltoniemi
Patrice Wira
Patricio Cortes
Patrick Chi-Kwong Luk
Patrick Hu
Patrick Wheeler
Pau Marte
Paul Booij
Paul Crolla
Paul Forsyth
Paul Fuxjaeger
Paul Harris
Paulo Alexandre C. Salgado
Paulo Bartolomeu
Paulo Costa
Paulo Leitao
Paulo Maciel
Paulo Matos
Paulo Pedreiras
Paulo Salgado
Paulo Sergio Brandao
Pavan Kumar Hari
Pavel Drabek
Pavel Ponomarev
Pavel Vrba
Pavels Suskis
Pavlos Dimitriou
Pavol Bauer
Pawel Kulakowski
Pawel Mlodzikowski
Payam Ghaebi Panah
Pedro Amaro
Pedro Martin
Pedro Melin
Peng Zhang
Peter Ahcin
Peter Armstrong
Peter Esslinger
Peter Goehner
Peter Hacke
Peter Jonke
Peter Landsmann
Peter Palensky
Peter Rössler
Peter Stenumgaard
Peter Stolze
Peter Tamas
Petr Kadera
Petr Skobelev

Alejandro G. Yepes	Isabella Hinterleitner	Petra Aradi
Alejandro Garces	Isabel S. Jesus	Petros Karamanakos
Alejandro Navarro	Ishtiaq Ahmad	Philip J. Garsed
Alejandro Yepes	Ishtiyag Ahmed Makda	Philip Mellor
Aleksander Malinowski	Ismail H. ALTAS	Philip Woodall
Ales Hace	Istvan Feh Srvari	Philipp Spichartz
Alessandro Chiuso	Iulian Birou	Philippe Poggi
Alessandro Giustiniani	Ivan Dolezal	Pierdomenico Pepe
Alessandro Lidozzi	Ivan Fernandez	Pierluigi Siano
Alessandro Marino	Ivan Godler	Pierre Sicard
Alessandro Serpi	Ivan Nunes da Silva	Pietro Cairoli
Alessia Arteconi	Ivan Shapoval	Pietro Raboni
Alex Olloqui	Ivars Rankis	Pinkymol Harikrishna Raj
Alexander	Ivor Dulk	Piotr Gaj
Alexander Fay	J. A. Sabate	Piotr J Chrzan
Alexander Isurin	J. Eynard	Piotr Luniewski
Alexander Penn	J. M. Mauricio	Piotr Musznicki
Alexander Prostejovsky	J. Marcos Alonso	Pooya Hajebi
Alexander Schirrer	J. Michael Wooten	Pourya Shamsi
Alexander Thaler	J. Quesada	Pragasen Pillay
Alexander Viehweider	J. R. Prigmore	Prasad Enjeti
Alexander Vogt	J. Zanotti	Pritam Das
Alexander W. Broekhof	J.-W. John Cheng	Prsztor Attila
Alexander Wendt	J. R. Pinheiro	Qiang Song
Alexandra-Gwyn Paetz	Jose A. Restrepo	Qianhong Chen
Alexandre Ravey	Jacek Czczot	Qing Guo
Alfonso Damiano	Jacek Rabkowski	Qing-Chang Zhong
Alfred Einfalt	Jae-Hyoun Park	Qingmai Wang
Ali Davoudi	Jaime J. Rodriguez	Qingquan Tang
Ali Emadi	Jaison Matthew	Qobad Shafiee
Ali Mehrizi-Sani	James Christensen	Quansheng Guan
Ali Mohammadi	James Kelly	Quino Eloy-Garcia
Ali Mohammadpour	James L. Kirtley	R. Blasco-Gimenez
Ali Sari	James Scoltock	R. C. Scully
Ali Siahpush	Jan Anthonis	R. Guzman
Ali bechouche	Jan Haase	R. Keshri
Aliaksei Andrushevich	Jan Kaetil	R. Ortega
Alicia Arce	Jan Reese	R. Rocha
Alicja A. Wieczorkowska	Jan Swevers	R. Roche
Alin Tisan	Jan Wenske	R. T. Naayagi
Alina Girbea	Janis Zakis	Ramkrishan Maheshwari
Aliprantis	Jaroslav Guzinski	Radha Sree
Alireza Khaligh	Jasmin Velagic	Radoslav Cipin
Alireza Tajfar	Jason Fuller	Radoslaw Kot
Alireza zakariazadeh	Jasvinder Singh	Radu Bojoi
Alois Zoitl	Jaume Miret	Radu Prodan
Alvaro Araujo	Javier Avellaned	Radu-Emil Precup
Alvaro Hernandez	Javier Bonilla	Rafael Pena-Alzola
Alysson Seidel	Javier Calvente	Rafal Cupek
Amarendra Edpuganti	Javier Ferrer-Coll	Raimund Gottkehaskamp
Amel Lachichi	Javier Moreno Molina	Rainer Matichek
Amer M. Y. M.	Javier Riedemann	Rainer Stowasser
Amin Laribi	Jawad Kazmi	Rainer Unland

Amr Amin	Jay Lee	Rajapandian Ayyanar
Americo Vicente Teixeira Leite	Jayathu Fernando	Rajesh Gupta
Ana Isabel Pereira	Jean Merckle	Rajesh Kumar
Ana Stankovic	Jean-Luc Scharbarg	Rakibul Hasan
Ananda Babu	Jeevan Adhikari	Ralf Mosshammer
Andras Lelkes	Jeffrey Ewanchuk	Ralf Walter
Andrae Kontarček	Jeffrey Soar	Ralf Wunderlich
Andre Dinu	Jelena Loncarski	Ralph Kennel
Andrea Ballanti	Jenn-Jong Shieh	Ramesh Bansal
Andrea Benigni	Jenny Huang	Ramesh Kumar
Andrea Kollmann	Jens Onno	Ramin Salehi Arashloo
Andrea Matta	Jerker Delsing	Ramiro Barbosa
Andrea Monacchi	Jeroen De Kooning	Ramkrishan Maheshwari
Andreas	Jerome Lynch	Ramon Blasco-Gimenez
Andreas Fernbach	Jeronimo Mora	Ramprakash Kathiresan
Andreas Goedecke	Jesualdo Tomas Fernandez-Breis	Ranjeeta Patel
Andreas I. Chrysochos	Jesus Cardesin	Rasmus Nielsen
Andreas Mueller	Jesus Leyva-Ramos	Raul Gregor
Andreas Schuster	Jesus Doval	Raul Rabinovici
Andreas Springer	Ji-Jiang Yang	Ravinder Pal Singh
Andreas Thiel	Ji-Tai Han	Ravinder Singh Zandu
Andrei Blinov	Jia You	Ravindra Adda
Andrei Dinu	Jiacheng Wang	Ravindranath Adda
Andrei Pruteanu	Jialu Fan	Ray Cheung
Andres E. Leon	Jian Wang	Ray-Lee Lin
Andres Nogueiras	Jianbo SU	Razvan Roescu
Andres Otero	Jianfang Xiao	Razvan-Ioan Dinita
Andres Revilla	Jiangchao Qin	Raul Mateos Gil
Andres Vazquez	Jiangxia Zhong	Rebouh Sonia
Andrew Knight	Jianping He	Reham Haroun
Andrey Vavilin	Jianzhong Wu	Reinaldo Tonkoski
Andriamalala Rijaniaina	Jiaxin Ning	Reinhard Exel
Njakasoa	Jie Li	Reinhard Hametner
Andrzej Trzynadlowski	Jie Mei	Reinhard Madlener
Andres Barrado	Jiefeng Hu	Reinhard Wehrnschimmel
Andres Miguel Airabella	Jiekang Wu	Remus Narcis Beres
Andy Knight	Jiming Chen	Ren Zhu
Andy-Sorin Isfanuti	Jimmy Liu	Rene Brunner
Angel de castor	Jin Shyan Lee	Renukaprasad Narayanaswamy
Angelo Gattozzi	Jin-Shyan Lee	Rene Romero Troncoso
Angelo Raciti	Jinane Harmouche	Ricard Villa
Aniko Costa	Jing Yan	Ricardo Aguilera
Anil Kondabathini	Jing-Chung Shen	Ricardo Lizana
Anjali Singhal	Jiong Jin	Ricardo Nederson do
Anna Gorbenko	Jiong Ma	Riccardo Antonello
Annette Muetze	Jiong Ou	Richard Mordinyi
Anouar Belahcen	Jitendra Solanki	Rick Rabiser
Anshuman Shukla	Jium-Ming Lin	Ridha Ben Mrad
Anthony Soroka	Joachim Bucker	Rijaniaina Njakasoa
Anthony Vannelli	Joachim Holtz	Andriamalala
Antoine Eon	Joakim Eriksson	Rita Ebner
Antoine Picot	Joao Afonso	Ritesh Kumar Keshri
Antonella Ferrara	Joao L. Afonso	Robert Fekete

Antonella Nagliero	Joao Pina	Robert Fuller
Antonia Albani	Joaquim Melendez	Robert T. Fekete
Antonio Alexandridis	Joaquin Cabezas	Roberto Di Pietro
Antonio Calleja	Joaquin Eloy-Garcia	Roberto Giral
Antonio J. Marques Cardoso	Jochen Wagner	Roberto Leidhold
Antonio Lima	Joel Prieto	Roberto Menis
Antonio Luque Estepa	Johan Guzman	Roberto Oboe
Antonio Marcus Nogueira	Johan Ekerberg	Roberto Roncella
Antonio Moreno	Johann Emhofer	Roberto Saletti
Antonio Ruiz	Johann Ertl	Roberto Visintini
Antonio Torralba	Johann Kolar	Robeto Visintini
Antonio Valderrabano-Gonzalez	Johann Krenn	Robinson Camargo
Antonio Valentini	Johann Summammer	Rodolfo De Paz
Antonio Visioli	Johann Summhammer	Rodrigo Martins
Antonios Antonopoulos	Johanna L. Mathieu	Roland Bruendlinger
Antonio Martins	Johannes Bergkvist	Roland Ryndzionek
Antonio Quadros Flores	Johannes Gragger	Rolando Burgos
Apala Ray	Johannes Jungwirth	Rolf Blom
Arash Hassanpour	Johannes Kathan	Roman Schwalbe
Arash Khoshkbar Sadigh	Johannes Stackl	Ron Brandl
Arash Miranian	John Davill	Ron Hui
Armando Araujo	John Fletcher	Rosa A. Mastromauro
Arnaldo Oliveira	John Rafferty	Rosemarie Velik
Arnau Doria-Cerezo	John Salmon	Rosziati Ibrahim
Arnaud Gaillard	John Y. Hung	Rudolf Krall
Arndt Luder	Jon Clare	Rui Brito
Art Witulski	Jonas Sjolte	Rui Chibante
Arthur Yu	Jonathan Kimmitt	Rui Wu
Arturo Garcia-Perez	Jonny Dambrowski	Ruilong Deng
Arun Gandhi	Joo-Ho Lee	Ruitian Wang
Ashish Kumar Sahoo	Jorge Garcia	Rui Esteves Araujo
Ashwin Murali	Jorge O. Estima	Ryan Stables
Athanasios N. Safacas	Jorge Oliveira Estima	Ryogo Kubo
Atif Iqbal	Jorge Portilla	Ryszard Strzelecki
Atiyah Elsheikh	Jorge Solsona	Rzasa Janina
Avoki Omekanda	Jorge Varela Barreras	S M Asif
Azhar Ulhaq	Jorn K. Gruber	S. Alireza Davari
B. Behzad Jazi	Jos Alberto G. Fonseca	S. Banerjee
Ben Attia Sethom	Joscha Bach	S. Basak
Babak Fahimi	Jose A Antonino-Daviu	S. Biswas
Baburaj Karanayil	Jose Araujo	S. F. Rabbi
Bachir Kedjar	Jose Barbosa	S. K. Chattopadhyay
Banik Sajal	Jose Carlos Moreno	S. Kapat
Baolin Zhang	Jose Chilo	S. M. Muyeen
Bart Driessen	Jose D. Alvarez	S. Rapuano
Baya Hadid	Jose Espinoza	S. Rehman
Bedrich Bednar	Jose Ignacio Leon	S. S. Murthy
Behzad Nabavi	Jose Machado	S. Sheik Mohammed
Beibei Ren	Jose Maria Alvarez	S. Suroso
Bence Kovacs	Jose Renes Pinheiro	S. Thielemans
Benjamin Denz	Jose Restrepo	S. Toral
Benjamin Kloepper	Jose Riveros	S. K. Jung
Benjamin Li	Jose Rodriguez	Szasz Csaba

Benjamin Yee Shing	Jose-Manuel Rodriguez-Fortun	Sabina Begluk
Benoit Bletterie	Josef Gadermaier	Sabrina Novalin
Benoit Miramond	Josep M. Fuertes	Saeid Moosavi
Bernard Fong	Josep Pou	Said Zegloul
Bernhard Kubicek	Jose Rojas	Said Grami
Bernhard Piepenbreier	Jose Araujo	Salem Rahmani
Bernhard Schweighofer	Jose Augusto Carvalho	Salvador Alepuz
Bharat Balagopa	Jose Emilio Labra Gayo	Salvatore Cavalieri
Bharat Balagopal	Jose Ferreira da Rocha	Samer Schaat
Bhuneshwar Prasad	Jose Goncalves	Samir Ahmad Mussa
Bibiana Lorente Alvarez	Jose Luis Elizondo	Samir Kouro
Bin Wu	Jose M. Lozano	Sammy Chan
Bingo Ling	Jose Maria Alvarez-Rodriguez	Samuel Simon Araya
Birgit Vogel-Heuser	Jose Neto Vieira	Sandeep Patil
Birk Brockmann	Jose Riveros	Sandrine Le Ballois
Blaise Kelly	Jose Rodriguez	Sandro Rosi
Bohumil Klima	Joao Eduardo Ribeiro	Sang Bin Lee
Boillat David Olivier	Joao Ferreira	Sangkla Kreuawan
Bolognani, Silverio,	Joao Martins	Sangshin Kwak
Bor-Ren Lin	Joao Pedro Trovao	Sanjay K. Chaudhary
Bradford G. Nickerson	Ju-Jang Lee	Sanjay Mohite
Briz, Fernando	Juan A. Sanchez	Santanu Mishra
Bruce McMillin	Juan B. Grau	Santiago A. Verne
Bruno Allard	Juan Dixon	Santiago Verne
Bruno Dehez	Juan Garbajosa	Sara Ghaemi
Bruno Robert	Juan J. Rodriguez-Andina	Saranga Weerasinghe
Bulent Ayhan	Juan Jose Gonzalez	Satoru Takahashi
Bulent Sarioglu	Juan Valverde	Satoshi Suzuki
Burkhard Hensel	Juan Vicente Capella	Satoshi Takezawa
Burkhard Wuensche	Judith Apsley	Saurabh Nikam
Byung-il Kwon	Juergen Jasperneite	Sawsan Henein
C. Lertsatitthanakorn	Juhua Liu	Sean Curtis
C. M. De Marziani	Jukka Paatero	Sean Murphy
C. Mate	Julien Eynard	Sean Wu
C.-L. Wu	Julio Cesar Churio Barboza	Sebastian Lehnhoff
C. H. Antunes	Julio Viola	Sebastian Rivera
C. M. Antunes	Julio Walter	Sebastian Rohjans
C. S. Lim	Jun Hu	Sebastian Schriegel
C. W. Lee	Jun Ishikawa	Sebastian Schreck
Christian Branas	Jun-ya Nagase	Sebastian Stynski
C K Lee	Junfeng Wu	Sebastian Theiss
Cam Pham	Junichi Itoh	Sebastian Thiede
Can Wang	Junji Kondoh	Sebastian Villwock
Candy H Y Tung	Junrui Liang	Sebastian Dormido
Carl Ho	Junsheng Wei	Sebastian Rivera
Carles Ferrer	Justin Pang	Sehoon Oh
Carles Jaen	Jurg Benze	Seiichiro Katsura
Carlos Alberto Canesin	K Gopakumar	Seiji Hashimoto
Carlos Andres Ramos Paja	K. Budnik	Selim Ciraci
Carlos Baier	K. J. Tseng	Seong-Hoon Won
Carlos Bordons	K. L. Lam	Seppo Kuikka
Carlos Cabrita	K. G. Pavlou	Serafin von Roon
Carlos Giron	K. H. Loo	Serdar Kadam

Carlos Gonzalez-de Miguel	K. Y. Chan	Serge Pelissier
Carlos Manuel Pereira	Ka Lun Lam	Serge Raoul Naoussi
Carlos Montero	Kai Tian	Sergio Alberto Gonzalez
Carlos Ramos-Paja	Kalle Ilves	Sergio Busquets-Monge
Carlos Reusser	Kamal Al-Haddad	Sergio Cruz
Carmen Aracil	Kan Yu	Sergio Leal
Cavagnino Andrea	Kang-Hyun Jo	Sergio Saponara
Cesar Silva	Kanghyun Nam	Sergio Vazquez
Cesareo Raimundez	Kapil Jha	Sergio de Cesare
Chandan Chakraborty	Karel Jezernik	Seung Ho Hong
Chang-hyeon Sung	Kari Koskinen	Seyoung Kim
Changshen Hu	Karl Berger	Seyyedmilad Ebrahimi
Chanki Kim	Kaushik Basu	Shahin Hedayati Kia
Chao Li	Kaveh Razi	Shahzad Mohsin
Chao Yang	Kavek Razi	Shambhu Sau
Chaoxu Mu	Kayhan Ince	Shan Yin
Charbel El-Kaed	Kayo Suzuki	Shane Xie
Charles R. Sullivan	Kayoung Kim	Shaojun Xie
Chee Khiang Pang	Kazuaki Ito	Sheikh Moinoddin
Chee Shen Lim	Kazuhiro Tsuruta	Sheldon S. Williamson
Chen Zhao	Kazuyuki Morioka	Shen Yi
Cheng Pang	Ke Ma	Shengnan Shao
Cheng-Ta Chiang	Ke Xu	Shih-Ming Chen
Chengbin Ma	Ke-Han Su	Shin-Won Kang
Chengjie Wu	Keerat Brar	Shin-ichi Ishida
Chengpu Yu	Kefei Xin	Shinji Wakui
Chenjie Lin	Keigo Watanabe	Shinya Aoi
Chenye Wu	Ken Hopkinson	Shivkumar Iyer
Cherry Tung	Ken Saito	Shiyi Shao
Chi Su	Kenji Natori	Sho Sakaino
Chi-Ying Lin	Kenta Seki	Sho Yokota
Chiara Boccaletti	Kentaro Inomata	Shokufeh Zamini
Chih-Yu Wen	Kentaro Hirata	Shouhua Zhao
Chin-Long Wey	Keping You	Shu Ji
Chintan Patel	Kevin Hung	Shu Liu
Chonlatee Photong	Kevin I-Kai Wang	Shu Yuanchao
Chowarit Mitsantisuk	Keyu Long	Shuai Liu
Chris Gerada	Khairul Hasan	Shuai Lu
Chris S. Edrington	Khaled Ahmed	Shuguo Zhuo
Chris Yang	Khaled Yahia	Shuo Wang
Christian	Ki-Bum Park	Shweta Hegde
Christian Branas	Kim Rae-Young	Sicong Tan
Christian Brandstatter	Kim-Fung Tsang	Sila Kiliccote
Christian Dufour	Kiwoo Park	Silverio Bolognani
Christian Elbe	Kiyoshi Ohishi	Silvia Cirstea
Christian Frohwirth	Kiyotaka Izumi	Simon Ertl
Christian Gehrman	Klaus Krischan	Simon Moser
Christian Hambeck	Klaus Pollhammer	Simona Onori
Christian Kreischer	Knut Akesson	Simone Buso
Christian Niklas	Koichi Inoue	Sivakumar K
Christian Rehtanz	Koichi Sakata	Siwanand Misara
Christian Reinisch	Koichi Suyama	Slimane Larabi
Christian Rojas	Koji Makino	Slobodanka Tomic

Christian Sanabria-Walter	Koji Orikawa	Sohail Khan
Christian Schneider	Konstantin Vershinin	Song Han
Christian Schumann	Konstantinos N. Gyftakis	Sorin Ioan Deaconu
Christian Seitzl	Kosala Kankanamge	Soubmya S Nag
Christian Wakolbinger	Kouji Makino	Soubmya Shubhra Nag
Christina Hirschl	Kouki Matsuse	Soumya Shubhra Nag
Christoph Grimm	Krishnanand Kaippilly	Sousuke Nakamura
Christoph Groiss	Radhakrishnan	Souvik Dasgupta
Christoph Grois	Kristian Lum	Srdjan Lukic
Christoph Legat	Kui Wang	Sriram Vasudevan
Christoph Mayer	Kun Yang	Staffan Norrga
Christoph Mayr	Kuniaki Kawabata	Stamatis Karnouskos
Christoph Suender	Kuntal Mandal	Stefan Biffl
Christoph Zauner	Kwanghee Nam	Stefan Daraban
Christopher Brooks	Kyle Anderson	Stefan Soucek
Christopher Townsend	Kyung Chang Lee	Stefan Szucsich
Christos Emmanouilidis	Kyuseo Han	Stefan Uebermasser
Christos Yfoulis	L. G. de	Stefano Bifaretti
Chun-An Cheng	L. Yang	Stefano Massucco
Chunlin Zhu	Landsmann, Peter,	Stefano Pizzuti
Chunyu Zhang	Lars Reichardt	Stefano Rinaldi
Claudio Bianchini	Laszlo Mathe	Stefano Savazzi
Claudio Carretero	Laurent Dupont	Stefano Vitturi
Claudio Palasciano	Laurent Heutte	Steffen Buechner
Claudio Rodrigues	Laurynas Riliskis	Steffen Lamparter
Claudio Zunino	Le Xu	Steffen Schotte
Clemens Muchitsch	Leandro Madrazo	Stephan Abermann
Concettina Buccella	Lei Gu	Stephan Beineke
Cong Wang	Lei Shi	Stephan Grimm
Congzhe Gao	Lei Zhang	Stephan Hutterer
Constantinos Sourkounis	Lei Zuo	Stephane Caux
Corina Popescu	Leila Parsa	Stephen Culver
Corina Postelnicu	Lenian He	Stephen Finney
Costantino Citro	Lennart Harnefors	Steve Collins
Craig Baguley	Lenos Hadjidemetriou	Steve Ling
Cristian Busca	Leon Urbas	Steven Danyluk
Cristian Garcia	Levente Raj	Stijn Stevens
Cristian Nichita	Levy F. Costa	Stoyan Nihtianov
Cristian Pesce	Lexuan Meng	Subhasis Nandi
Cristina Guzman	Li Ning	Sudha Bansal
Cruz Borges	Li Wuhua	Sudip K. Mazumder
Cruz Enrique Borges	Li Yu	Suguru Kudoh
Csernath Gaza	Lianbing Li	Sujit K. Biswas
Cuauhtemoc Rodriguez	Liang Gong	Sumant Kadwane
Cursino Brandao Jacobina	Liang Rui Chen	Sumit Chattopadhyay
Cynthujah Vivekananthan	Lidia Roca	Sunil Kumar Dube
D. Caceres	Lidong He	Sunil R.Tiwari
D. Devaraj	Lie Xu	Supachart Chungpaibulpatana
D. Kastha	Lihao Sun	Suratsavadee K. Korkua
D. Krishna	Lina Huang	Suresh Gopalakrishnan
D. Pilenieks	Lingfeng Wang	Susan Rea
D. Richrardson	Lingling Fan	Susanne Metzger
D. U. Campos-Delgado	Lionel Petit	Susumu Hara

D. Yu	Liqun Shen	Suttichai
Didioui Amine	Lisa Yang	Premrudeepreechacharn
Chintan Patel	Liuping Wang	Suvankar Biswas
Santanu Mishra	Louc Boulon	Suzana Uran
Shinya Aoi	Lu Xiaonan	Svetlana Girs
Dairun Zhang	Luc Moreau	Syunji Yazaki
Daisuke Chugo	Luca Ferrarini	Szabolcs Rozsnyai
Daisuke Matsuka	Luca Ferraris	Szilveszter Kovacs
Daisuke Yashiro	Luca Zarri	Szymon Beczkowski
Damian Giaouris	Lucia Gauchia Babe	Szoll Karoly
Damien Guilbert	Lucia Lo Bello	Sebastien Mariethoz
Damien Trentesaux	Luigi Cappelli	T Suntio
Dan Floricau	Luigi Schirone	T. A. Papadopoulos
Daniel Fernandez	Luis Benadero	T. J. Vyncke
Daniel Forchetti	Luis Gomes	T. S. Basu
Daniel I. Stroe	Luis Ochoa	T. Sarkar
Daniel Quevedo	Luis Pires	T. Taylor
Daniel Schlitt	Luis Ribeiro	T. P. Imthias Ahamed
Daniel Stroe	Luis Valverde	T. W. Lee
Daniel T Gladwin	Luis Yebra	Tadanao Zanma
Daniel Wojciechowski	Lukas Herret	Tadeusz Sobczyk
Daniel Yang	Lukas Pohl	Tae Heoung Kim
Daniel Yuh Chao	Lukasz Sienkiewicz	Taha Selim Ustun
Daniela Chrenko	Luminita Moraru	Takaharu Takeshita
Dao Zhou	Luo Cheng	Takahiro Yakoh
Dariusz Koscielnik	Luis A. Pereira	Takami Miyagi
Dave de Jonge	Luis Manuel Ramos	Takanori Kiyota
David Boyle	M Barnes	Takao Tsuji
David Dorrell	M Veerachary	Takashi Nakakuk
David Gacio	M'hamed Drif	Takenori Atsumi
David Kampert	M. A. Abido	Takeshi Sasaki
David Uzel	M. Emre Celebi	Tamas Kerekes
David Vincze	M. F. Rahman	Tan Xu
Davide Aguglia	M. Moallem	Tanel Jalakas
Davide Cattin	M. N. Hashemnia	Tang Hui
Davide Fonseca	M. Omar Faruque	Tanmoy Bhattacharya
Davide Sergio Baptista	M. Vazquez-Rodriguez	Tao Wang
Davide Toledo	M. Veerachary	Tao Zheng
Davis Meike	M. Ali Akcayol	Tapani Jokinen
Dawei He	M. B. Jain	Tapas Kumar Saha
Dawei Zhang	M. E. H. Benbouzid	Tarek Fawzy
Debrup Das	M. S. Jamil Asghar	Tarek K. Refaat
Deji Chen	M K Badapanda	Tarik Ferhatbegovic
Demba Diallo	Maarouf Saad	Tariq Masood
Demercil S. Oliveira Jr	Maciej Swierczynski	Tasuku Anno
Denis Navarro	Magdi Mosa	Teresa Orłowska-Kowalska
Deniss Stepins	Magnus Jonsson	Tessarolo
Dennis Jarvis	Mahamudul Hasan	Thameur Aloui
Detlef Schulz	Mahesh Krishnamurthy	Thananchai Leephakpreeda
Dezso Sera	Mahesh Swamy	Theo Hofman
Dheeman Chatterjee	Mahshid Amirabadi	Theodoros Dimopoulos
Dhivya Sampath Kumar	Majid Sorouri	Thierry Stephane Nouidui
Diego Iannuzzi	Maki K. Habib	Thilo Sauter

Dieter Gerling	Makoto Hagiwara	Thinagaran Perumal
Dietmar Winkler	Makoto Iwasaki	Thomas Bier
Dietrich Wertz	Man-Chung Wong	Thomas Eutebach
Dionysios Aliprantis	Manel Velasco	Thomas Hofer
Dirk Benyoucef	Manfred Pechacker	Thomas Leber
Dirk Killat	Manfred Schredl	Thomas Lipo
Dirk Schulz	Manfred Stiebler	Thomas Logan
Djaffar Ould Abdeslam	Manoel Firmino Medeiros Jr.	Thomas M. Wolbank
Dmitri Vinnikov	Manuel Arahall	Thomas Salem
Domenico Casadei	Manuel Arias	Thomas Souvignet
Domenico Ricchiuto	Manuel Berenguel	Thomas Stark
Dominik Bunyai	Manuel Reyes	Thomas Strasser
Dominik Egarter	Manuel Rico-Secades	Thomas Watteyne
Dominik Engel	Manuel Steinbring	Thorsten Scholer
Dominique Beauvois	Manuel Vazquez-Rodriguez	Tian-Hua Liu
Dominique Decouchant	Manuele Bertoluzzo	Tianbo Zhu
Donald S. Reay	Manus Henry	Tiberiu Vesselenyi
Dong Cao	Maolin Cai	Tim Heinemann
Dong Yang	Marc Perron	Timm Roessel
Dongdong Zhao	Marcel Hendrix	Timothy McJunkin
Dongjoong Kang	Marcello Pucci	Tina Krauser
Dorin Neacsu	Marcelo Cendoya	Ting Lu
Dorin Petreus	Marcelo G. Villalva	Ting Wang
Douglas Camponogara	Marcelo Heldwein	Tito Amaral
Douglas Creighton	Marcelo Perez	Tiziano Leidi
Dragan Jovcic	Marcelo Pozo-Palma	Tobias Deutsch
Drazen Dujic	Marcelo Vasquez	Tobias Gemassmer
Duanyang Wang	Marcian Cirstea	Tobias Juger
Duarte Sousa	Marcin Jarnut	Tobias Muller
Dumidu Wijayasekara	Marco Dalla Costa	Tobias Pletzer
Duncan McFarlane	Marco Felix	Todor Todorcevic
Dylan Lu	Marco Grassi	Tomas Lennvall
Dzung PHAN QUOC	Marco Rivera Abarca	Tomas Olofsson
E. Rakhshani	Marco Villani	Tomasz Klopot
E.G. Shehata	Marcos Orchard	Tomislav Dragicevic
Ebrahim Amiri	Marcus Bednara	Tommaso Pecorella
Edin Golubovic	Marcus Meisel	Tommy W. S.
Edmund Widl	Marcus Rennhofer	Tomoyuki Shimono
Edson Bim	Marek Adamowicz	Tomy Sebastian
Eduardo Alarcon	Marek Jasinski	Toomas Rang
Eduardo E. Espinosa	Margarita Norambuena	Toru Namerikawa
Eduardo Galvan	Maria Concetta Poliseno	Toshiaki Tsuji
Eduardo Saraiva	Maria Gabriella Xibilia	Toshihisa Shimizu
Eduardo de la Torre	Maria Ines Valla	Toshiko Nakagawa
Eenjun Hwang	Maria Perdomo	Toshimasa Miyazaki
Effrosyni Kandia	Maria Stefania Carmeli	Toshio Asano
Ehsan Naderee	Maria Teresa Outeiro	Toshiyaki Tsuji
Eiichi Saito	Marian Kazmierkowski	Toshiyuki Murakami
El Houssin El	Marin Lujak	Toshiyuki Satoh
Elena Aguilar	Mario Faschang	Tsuneo Kume
Elias Strangas	Mario J. Duran	Tuyen D. Nguyen
Elisabeth Uhlemann	Mario Kofler	Tzu-Shien Chuang
Elmano Margato	Mario Lavorgna	Uday Deshpande

Elmer Pablo Tito Cari	Mario Marchesoni	Udaya K. Madawala
Emanuele Carpanzano	Mario Pacas	Uimin Choi
Emanuele Leonardi	Mario de Sousa	Ulrich Epple
Emil Levi	Mariusz Malinowski	Ulrich Pferschey
Emiliano Sisinni	Mark Nixon	Umanand
Emilio Bueno	Marko Huikuri	Unai Iraola
Emmanuel Adam	Marko Jaksic	Unnati Ojha
Emmanuel Godoy	Markos Katsanevakis	Utz Roedig
Emmanuel Prempain	Markus Andresen	Uwe Schafer
Emre Sariyildiz	Markus Bregulla	V. Sriram
Enric X. Martin	Markus Jung	V.K. Sharma
Enrique Canto	Markus Seilmeier	Vaggelis Rettos
Enrique Quispe	Marta Cecilia Amaya	Vahraz Zamani
Enrique Romero-Cadaval	Marta Laguna	Vaibhav Verma
Eri Sato-Shimokawara	Marta Portela	Valentin Oleschuk
Eric Monmasson	Martin Chow	Valeria Boscaino
Eric Semail	Martin Giegerich	Valerio Salvucci
Erich Schmidt	Martin Izaak	Valeriy Vyatkin
Ernesto Sanchez	Martin Jones	Valery Vodovozov
Esko Juuso	Martin Melik	Valriu Olarescu
Eunice Ribeiro	Martin Melik-Merkumians	Vanja Ambrozic
Euzeli dos Santos	Martin Pittermann	Venkata Yaramasu
Eva Gonzalez Romera	Martin S. Giegerich	Verena Geist
Eva Serna	Martin Sirovy	Verenae Geist
Evangelos Vrettos	Martin Wenger	Vicente Climente-Alarcon
Evgeny Osipov	Martin Wollschlaeger	Victor Dubinin
F. Cupertino	Martin Ganchev	Viktor Devecseri
F. Filho	Maryam Saeedifard	Viktor Schlosser
F. Jurado	Maria Isabel Milanes	Ville Tirronen
F. Kalluf	Masaaki Shibata	Vincent Choqueuse
Faa-Jeng Lin	Masafumi Yamamoto	Vincenzo Liso
Fabian Leimgruber	Masahide Ito	Vincenzo Loia
Fabio Bisogno	Masahiro Aoyama	Vinod John
Fabrizio Marignetti	Masatake Shiraishi	Vinod Khadkikar
Faete Filho	Masato Oshiro	Virendra Sharma
Fakhreddine Ghaffari	Masayoshi Wada	Virgilio Valdivia
Fang Xupeng	Matheepot Phattanasak	Vito Calderaro
Farhad Jafari	Mathias Preindl	Vitor Pires
Fariborz Musavi	Matias Aguirre	Vladimir Ermel
Farzad Tahami	Mats Bjorkman	Vladimir Popov
Farzan Rashidi	Matteo Bonaiuti	Vlasta Krmelj
Fausto Fiorillo	Matteo Ceriotti	Vojtech Blahnik
Faysal Bensmaine	Matthaeus Brela	Volker Naumann
Federico Baronti	Matthew Clarke	Volker Staudt
Federico Barrero	Matthew McDonough	Vyacheslav Pshikhopov
Federico Caricchi	Matthew Norton	Vyatkin Valeriy
Fei Xiao	Matthias Foehr	Victor Minambres-Marcos
Felipe Gil-Castineira	Matthias Jakubec	Vitor Sobrado
Felix Doblsaw	Matthias Radecker	W. Lu
Felix Garcia	Matthias Stifter	W. Uturbey
Felix Iglesias Vazquez	Maurice Apap	Wadaed Uturbey
Felix Kammerer	Mauricio Correa	Wah Ching Lee
Felix Lehfuss	Maurizio Cirrincione	Walter Issamu Suemitsu

Felix Rojas	Maurizio Paschero	Walter Zamboni
Felix Vazquez	Maurizio Repetto	Wanchak Lenwari
Fen Tang	Mauro Andriollo	Wang Ruiqi
Ferenc Tajti	Maw-Yang LIU	Waqas Ikram
Fernando A Silva	Max A. Parker	Wataru Yamanouchi
Fernando Briz	Max Felser	Wei Jiang
Fernando Fabero	Max J. Ortiz C.	Wei Meng
Fernando Ferreira	Max Ortiz-Catalan	Wei Shen
Fernando Nogueira	Enamul Haque	Wei Wang
Fernando Tadeo	Med Amin Laribi	Wei Xu
Ferreira	Mehdi Monadi	Weidong Xiao
Filip Andron	Mehdi Narimani	Weiguo Lu
Filip Barac	Meisam Farrokhi far	Weihao Hu
Florabela Fernandes	Men-Shen Tsai	Weimin Wu
Florence Berthold	Mengjie Zhou	Weiss Bertram
Florian Hengstberger	Merlin Chai	Wen Sun
Florian Judex	Metin Kesler	Wenbin Dai
Florian Mezger	Mi Zhang	Wenchao Meng
Florian Schupfer	Mian Li	Wencong Su
Florian Stift	Micahel Gepp	Wendelin Sprenger
Francesco A. Gervasio	Michael Andersen	Wenjie Chen
Francesco Biral	Michael Bourdoulis	Wenpeng Deng
Francesco Gervasio	Michael Chochole	Wente Zeng
Francis Dawson	Michael Danzer	Wenxi Yao
Francisco Azcondo	Michael Dierkes	Wilfried Elmenreich
Francisco Perdigones	Michael Gepp	Wilfried Lepuschitz
Francisco Rodriguez	Michael J. O'Grady	William Dai
Francisco Umbria	Michael Monsberger	William Song
Francisco Vasques	Michael O'Grady	Wissam Dib
Francisco Gonzalez-Longatt	Michael Rathmair	Wissem Naouar
Franck Betin	Michael Ruderman	Wolfgang Gawlik
Franck Gechter	Michael Schael	Wolfgang Gruber
Francois Auger	Michael Schwark	Wolfgang Herzner
Frank Tuffner	Michael Sonnenschein	Wolfgang Hribernik
Franz Zeilinger	Michael Steinegger	Wolfgang Kastner
Frede Blaabjerg	Michail Vasiladiotis	Wolfgang Mahnke
Frederic Rotella	Michal Michna	Wolfgang Mohleisen
Frederik De Belie	Michel Cotsaftis	Wolfgang Moller
Friedemann Mattern	Michele Macellari	Wolfgang Proggler
Friederich Kupzog	Michele Pellegrino	Wooi Ping Hew
Friedrich Gelbard	Mickael Lallart	Woonki Na
Friedrich Wilhelm Fuchs	Miguel Aguirre	Wudhichai Assawinchaichote
Fu Lingkun	Miguel Castilla	Wuhua Li
Fusaomi Nagata	Miguel Cerqueira Bastos	X. Xie
Fuwen Yang	Miguel Combariza	Xiong Liu
Fabio Lima	Miguel Delgado	Xavier Guillaud
G. Gross	Miguel Diaz-Cacho	Xavier Kestelin
G. K. Papagiannis	Miguel Lopez	Xavier Kestelyn
G. P. Adam	Miguel Mayosky	Xi-jun Yang
G. Tapia	Miguel Serqueira	Xian-Ming Zhang
G. Tarchala	Miguel Torres	Xianghui Cao
Gabor Sziebig	Mihai Ciobotaru	Xiao Cao
Gabriel Heo Peng Ooi	Mihai Comanescu	Xiao Ying

Gabriel Mujica	Mihai Crenganiş	XiaoLi Meng
Gabriele Grandi	Mihai Crenganiş	Xiaodong Li
Gabriella Caporaletti	Mihai V. Micea	Xiaodong Lin
Gamal M. Dousoky	Mihoko Niitsuma	Xiaohong Nian
Ganesh Kumar	Mikael Bjorkbom	Xiaohua Ge
Gang Wang	Mikael Gidlund	Xiaohua Jiang
Gao Qiang	Mikulas Huba	Xiaohuan Tan
Gautam Poddar	Milan Darijevic	Xiaohui Qu
Gean Sousa	Milos Manic	Xiaonan Lu
Geev Mokryani	Miloud Rezkallah	Xiaoxiao Yu
Geng Yang	Milutin Jovanovic	Xibo Yuan
Gennady Zinoviev	Min Chen	Xin Cao
Georg Kienesberger	Min Huang	Xin Gao
Georg Lauss	Min-Fu Hsieh	Xin Miao
George E. Georghiou	Ming Lei	Xin Yang
George Economakos	Ming-Luo	Xing Tan
George Georgoulas	Minsoo Jang	Xinghuo Yu
George Nikolakopoulos	Minxiang Wu	Xinke Wu
Georgios Athanasiou	Mircea Popescu	Xinliang Tian
Georgios Kampitsis	Miriam Schleipen	Xiong Liu
Georgios Konstantinou	Mirko Bodetto	Xiongfei Wang
Gerald Bieber	Miroslav Graf	Xiufang Shi
Gerard Aroquiadassou	Miroslav Patočka	Xiuming Zhu
Gerardo Vazquez Guzman	Miroslav Patočka	Xiuyan Peng
Gerasimos Rigatos	Mirrasoul Mousavi	Xu Dianguo
Gerd Bramerdorfer	Mirza Popovac	Xu Juanjuan
Gerhard P. Hancke	Mischa Steurer	Xu Ke
Gerhard Totschnig	Mishel Mahmoodi	Xubin Qin
Gerhard Zucker	Mitja Nemec	Xue-Ming Yuan
German Oggier	Mo-Yuen Chow	Xueguang Zhang
Gerrit Posselt	Mohamed Benbouzid	Xuehe Wang
Getulio Igrejas	Mohamed Boussak	Y M Lai
Ghanshyamsinh Gohil	Mohamed Dahidah	Y. Kuno
Ghanshyamsinh Vijaysinh Gohil	Mohamed Mahmoud	Y. Mishra
Giacomo Capizzi	Mohamed Trabelsi	Y. Zhang
Gianantonio Magnani	Mohammad Hasan Shaheed	Yadollah Sabri
Giancarlo Ferrari Trecate	Mohammad Mousavi	Yafei Wang
Giancarlo Iannizzotto	Mohammad-Reza Rafiei	Yam Prasad Siwakoti
Gianluca Cena	Mohan Kolhe	Yan Deng
Gianluca Fabbri	Moin Ahmed	Yan Yan
Gianluca Gatto	Monia Bouzid	Yan zhaoyang
Gianluca Ippoliti	Monica Reggiani	Yang Du
Gianpaolo Vitale	Monica Romero	Yang Jinfeng
Gilles Hermann	Moritz Schack	Yang QianQian
Gilles Notton	Mostafa Mosa	Yang Xi-jun
Gina Torres	Motohiro Kawafuku	Yang Xiao
Gionata Cimini	Muhamad Zahim Sujod	Yanlin Li
Giorgio Graditi	Muhammad Awais	Yannic Domigall
Giorgio Spiazzi	Muhammad Mansoor Khan	Yanqing Liu
Giovanni Griva	Muhammad Muneeb Ur	Yao-Ching Hsieh
Giovanni Lutzemberger	Muhammad Usman Awais	Yara Fayyad
Giovanni Serra	Munir Merdan	Yasser Gritli
Giovanni Petrone	Mutuwo Tomita	Yassine Amirat

Giulia De Aloysio	Muzaffar Ali	Yasuchika Mori
Giulia Di Capua	My-Ha Le	Yasue Mitsukura
Giulia Ludovici	Mykhailo Zarudniev	Yasuharu Kunii
Giulio Corradi	Marcio Stefanello	Yasuhiko Mutoh
Giulio De Donato	N Bodo	Yasutaka Fujimoto
Giuseppe Greco	N. K. Kishore	Ye Fei
Giusi Quartarone	N. Medrano	Yi Qin
Gojko Joksimovic	N. R. N. Idris	Yi Tang
Gong Mingde	Nacho Leon	Yi Wang
Gong-You Tang	Nadja Adamovic	Yi-Hsien Lin
Gonzalo Abad	Nae-Chun Park	Yi-Hung Wei
Goran Lazendic	Nagy Abed	Yichao Sun
Greg Asher	Nan Liu	Yifan Wang
Grzegorz Tarchała	Nan Xiao	Yiming Zhang
Guadalupe Flores	Nandor Bodo	Yinfeng Fang
Guan-Chyun Hsieh	Nanfang Yang	Yingfei Diao
Guchuan Zhu	Naoki Motoi	Yingjiang Zhou
Gui-Jia Su	Naoki Oda	Yinru Bai
Guihua Liu	Nasim Arbab	Yinsong Wang
Guillaume Beckers	Nasir Uddin	Yongchang Zhang
Guillermo Bossio	Nathalie Holtsmark	Yonggao Zhang
Guillermo O. Garcia	Natalia dos Santos	Yongheng Yang
Gulnara Zhabelova	Navid R Zargari	Yoseba Pena
Guni Sharon	Navid Rahbari Asr	Yoshihiko Takahashi
Guo-Jhih Yan	Nazih Moubayed	Yoshihiro Maeda
Guodong Guo	Ned Mohan	Yoshinori Kuno
Guozhu Chen	Neil Higgins	Yoshitaka Matsuda
Gustavo Fontana	Nelson Diaz	Yoshiyuki Urakawa
Gusztav Ujvari	Ngac Ky Nguyen	Yousef Ibrahim
Gyu-Tak Kim	Nick Baker	Youssef Ounejjar
Gerard Champenois	Nico Suchold	Yu Wang
Geza Szayer	Nicolae-Cristian Sintamarean	Yu Xia
Geran Andersson	Nicolas Pardo-Garcia	Yu-Long Wang
Gunter Schreder	Nicolas Tsiftes	Yu-Sheng Hsu
Gunther Eibl	Nicolas Medrano	YuMing Zhang
H. Nagao	Niels Lohse	Yuan Zhang
H. Nikpey	Nigel Schofield	Yuanpeng Zhang
Habiballah Rahimi-Eichi	Nihal Kularatna	Yuequan Yang
Haddoun Abdelhakim	Niklas Panten	Yufeng Lin
Hadi Y. Kanaan	Nima Yousefpoor	Yufeng Lu
Hadrien Bosetti	Nimrod Vazquez	Yuhang Deng
Hag-Wone Kim	Nisha Kondrath	Yuki Yokokura
Hai-Peng Ren	Nng Kang	Yukinori Nakamura
Haipeng Jiang	Nobukazu Hoshi	Yunwei Li
Haitham Abu-Rub	Nobuyuki Imai	Yushan Liu
Hamed Latafat	Noel Richard Merritt	Yushi Miura
Hamed Mohsenian Rad	Noriaki Ando	Yutaka Uchimura
Hamid Aghaie	Noriaki Hirose	Yuzuru Ohba
Hamid Sediki	Noriyuki Kimura	Yves Bernard
Hamid Soltani	Norma Anglani	Yves Sallez
Haneda Katsuyuki	Nuno M. A.	Z. Gmyrek
Hang Seng Che	Nuno Silva	Z. Xu
Hani Vahedi	Ouazir Youcef	Zai Yang

Hannes Barth	Obrad Djordjevic	Zainal Salam
Hannes Wegleiter	Obrad Dordevic	Zbigniew Banaszak
Hans Dieter Mohring	Octavian Postolache	Zdenek Peroutka
Hans-Juergen Appellrath	Odile Laurent	Zeljko Hocenski
Hans-Michael Hanisch	Oleksandr Husev	Zequ Yang
Hansheng Wu	Oliver Drubel	Zeyar Aung
Hao Li	Olivier Briat	Zhan Shen
Hao Liu	Olivier Renaudin	Zhang Xi
Hao Ma	Olle Olsson	Zhang Yongmin
Harald Koffler	Omar Abdel Baqi	Zhao Hongyang
Harm Smit	Omar Ellabban	Zhe Zhang
Harmouche	Omar Hegazy	Zhen Li
Harold Saavedra	Omar Mansouri	Zheng Chen
Haroon Farooq	Omar Touhami	Zheng Xu
Hartmut Schmeck	Ondrej Krejcar	Zheng-Guang/Wu
Hassan Abdullah Khalid	Onofrio Gigliotta	Zhenghua Xu
He Xu	Oreste Bursi	Zhengshi Wang
Hector Beltran	Osama Mohammed	Zhenhua Jiang
Hector Young	Oscar De Sousa-Perez	Zhibo Pang
Hee-Jun Kim	Oscar Lopez	Zhichao Wu
Heiko Seidel	Osman Elgawi	Zhigang Liang
Heiko Stichweh	Osmell Machado	Zhihong Bai
Helfried Brunner	Ozgur Ustun	Zhiqi Shen
Helmut Knoll	P J Radcliffe	Zhiquan Deng
Helmy El-Zoghby	P. □Basanta□-Val	Zhong Chen
Hemant Dashora	P. Ide	Zhong Du
Heng Zhang	P. K. Jain	Zhong Nie
Henglin Chen	P. Raymundo Martinez	Zhong Xiaojian
Hengsi Qin	P. Roshan kumar	Zhonghui Bing
Henk Polinder	P.J. Costa Branco	Zhongjian Dai
Henry Chen	P. A. Dahono	Zhou Bo
Henry Chung	Pablo Correa	Zhou Jinghua
Henry Nagao	Pablo Jose Quintara Barcia	Zhou, ZhiYing, Steven
Herbert Iu	Pablo Lezana	Zhu J.G.
Herbert Nachtnebel	Pan Xuewei	Zi-Jiang Yang
Hernan Haimovich	Panida Jirutitjaroen	Zian Qin
Hideaki Minakata	Panitarn Chongfuangprinya	Ziang (John) Zhang
Hideitsu Hino	Panos Kotsampopoulos	Ziang Zhang
Hidetoshi Oya	Paolo Bosetti	Ziwei Li
Hideyuki Sawada	Paolo D'Abramo	Zoltan Vamossy
Hilairret Mickael	Paolo Ferrari	Zwe-Lee Gaing
Hiralal Murlidhar Suryawanshi	Paolo Petta	Ashraf Abdel Hafeez
Hiroaki Iwata	Paolo Pinceti	Riccardo Antonello
Hiroaki Nishi	Paolo Mercorelli	Shane Xie
Hiroshi Fujimoto	Papan Dey	Francois Auger
Hiroshi Hashimoto	Paramet Wirasanti	Giulia di capua
Hiroyuki Tanaka	Parikshit Yadav	Javier Bonilla
Hong-Hee Lee	Partha Roop	Jean-Paul Gaubert
	Partha Sarathi Sensarma	Johan Guzman
	Pascal Venet	Sejir Khojet El
		Yonggao Zhang