



24th World Multi-Conference on
Systemics, Cybernetics and Informatics: WMSCI 2020

HONORARY PRESIDENT

William Lesso, USA (1931-2015)

GENERAL CHAIR

Nagib Callaos, USA

ORGANIZING COMMITTEE CHAIRS

Andres Tremante, USA

Belkis Sánchez, USA

ORGANIZERS OF INVITED SESSIONS

Elina Gaile-Sarkane, Latvia

Hirotooshi Hishida, Japan

Inga Lapina, Latvia

Marcelo Porto, Brazil

Renata Baracho, Brazil

Shigehiro Hashimoto, Japan

PROGRAM COMMITTEE

Chairs: C. Dale Zinn, USA Jeremy Horne, Mexico/USA Michael Savoie, USA

- Abd El-Aziem, Mostafa**
Arab Academy for Science and Technology, Egypt
- Abe, Jair Minoro**
Paulista University, Brazil
- Adamopoulou, Evgenia**
National Technical University of Athens, Greece
- Adascalitei, Adrian**
"Gheorghe Asachi" Technical University of Iasi, Romania
- Alam, Delwar**
Daffodil International University, Bangladesh
- Alanís Urquieta, José D.**
Technological University of Puebla, Mexico
- Aldrette-Malacara, Alejandra**
Popular Autonomous University of the State of Puebla, Mexico
- Alhayyan, Khalid N.**
Institute of Public Administration, Saudi Arabia
- Andersen, J. C.**
The University of Tampa, USA
- Aruga, Masahiro**
Tokai University, Japan
- Azuma, Tatsuki**
Kogakuin University, Japan
- Batos, Vedran**
University of Dubrovnik, Croatia
- Benedicenti, Luigi**
University of Regina, Canada
- Bermúdez Juárez, Blanca**
Meritorious Autonomous University of Puebla, Mexico
- Bernikova, Olga**
St. Petersburg State University, Russian Federation
- Bönke, Dietmar**
Reutlingen University, Germany
- Bubnov, Alexej**
Academy of Sciences and the Czech Republic, Czech Republic
- Bubnov, Alexey**
Institute of Physics of the Czech Academy of Sciences, Czech Republic
- Cárdenas, José**
University of Guayaquil, Ecuador
- Carreño Escobedo, Jorge Raúl**
Universidad Nacional Mayor de San Marcos, Peru
- Castro, John W.**
University of Atacama, Chile
- Chen, Han-Ying**
Chaoyang University of Technology, Taiwan
- Chen, Jingchao**
University Donghua, China
- Chen, Lisa Y.**
I-Shou University, Taiwan
- Chen, Yil**
Huafan University, Taiwan
- Cherinka, Robert**
The MITRE Corporation, USA
- Chiang, Kuo-Wei**
Chaoyang University of Technology, Taiwan
- Chiu, Yuan-Shyi Peter**
Chaoyang University of Technology, Taiwan
- Chou, Te-Shun**
East Carolina University, USA
- Chukwu, Ozoemena Joseph**
Riga Technical University, Latvia
- Ciemleja, Guna**
Riga Technical University, Latvia
- Cilliers, Liezel**
University of Fort Hare, South Africa
- Craig, Adam**
Brain Health Alliance, USA
- Dantas de Rezende, Julio F.**
Federal University of Rio Grande do Norte, USA

Dasilva, Julian
Barry University, USA

Doherr, Detlev
University of Applied Sciences Offenburg, Germany

Dyck, Sergius
Fraunhofer Institute of Optronics, System Technologies and Image
Exploitation, Germany

Edwards, Matthew E.
Alabama A&M University, USA

Eremina, Yuliya
Riga Technical University, Latvia

Fagade, Tesleem
University of Bristol, United Kingdom

Farah, Tanjila
North South University, Bangladesh

Florescu, Gabriela
National Institute for Research and Development in Informatics,
Romania

Florescu, Gabriela C.
National Institute for R&D in Informatics, Romania

Fries, Terrence P.
Indiana University of Pennsylvania, USA

Gaile-Sarkane, Elina
Riga Technical University, Latvia

Goker, Nazli
Galatasaray University, Turkey

Gourisetti, Sri Nikhil Gupta
Pacific Northwest National Laboratory, USA

Haba, Cristian-Gyözö
"Gheorghe Asachi" Technical University of Iasi, Romania

Hanacek, Petr
Brno University of Technology, Czech Republic

Hasegawa, Daisuke
Kogakuin University, Japan

Hassan, Md. Maruf
Daffodil International University, Bangladesh

Hendel, Russell J.
Towson University, USA

Hilkevics, Sergejs
Ventspils University of Applied Sciences, Latvia

Ho, Sophia Shi-Huei
University of Taipei, Taiwan

Hsiao, Jung
SMS Infocomm Corporation, USA

Hu, Wen-Chen
University of North Dakota, USA

Ilunga, Masengo
University of South Africa, South Africa

Ismail, Zainab Z.
University of Baghdad, Iraq

Jaros, Jiri
Brno University of Technology, Czech Republic

Jenq, John
Montclair State University, USA

Jenq, Priscilla
Carnegie Mellon University, USA

Jiménez, Ricardo
Barry University, USA

Jingchao, Chen
Donghua University, China

Kaczorek, Jerzy
Gdansk University of Technology, Poland

Karsak, E. Ertugrul
Galatasaray University, Turkey

Khan, Salam
Alabama A&M University, USA

Khan, Ursila
University of Central Florida, USA

Kim, Kyungdeok
Uiduk University, South Korea

Kocmanova, Alena
Brno University of Technology, Czech Republic

Kulakowska, Agnieszka
Koszalin University of Technology, Poland

Lamr, Marián
Technical University of Liberec, Czech Republic

Lapina, Inga
Riga Technical University, Latvia

Lara Gracia, Marco A.
University of Southern Indiana, USA

Lau, Newman
The Hong Kong Polytechnic University, Hong Kong

Leclerc-Sherling, Christine
ASTRACS, USA

Lind, Nancy
Illinois State University, USA

Lo, Yen-Fen
Shih Chien University, Taiwan

Lo, Yen-Hsi
Shih Chien University, Taiwan

López Román, Leobardo
University of Sonora, Mexico

Lu, Shen
University of South Florida, USA

Luh, Guan-Chun
Tatung University, Taiwan

Makarov, Alexander
Institute for Microelectronics - TU Wien, Austria

Marlowe, Thomas
Seton Hall University, USA

Martínez-Flores, José L.
Popular Autonomous University of the State of Puebla, Mexico

Mccann, Roy A.
University of Arkansas, USA

Meyer, Heiko
Gefasoft AG, Germany

Mi, Chuan-Min
Nanjing University of Aeronautics and Astronautics, China

Miyazaki, Jun
Komazawa University, Japan

Moritz, Werner
Humboldt University of Berlin, Germany

Mostafaeipour, Ali
Yazd University, Iran

Mylrea, Michael
Pacific Northwest National Laboratory, USA

Nagai, Yasuo
Tokyo University of Information Sciences, Japan

Naito, Katsuhiko
Aichi Institute of Technology, Japan

Nakajima, Hiroaki
Kogakuin University, Japan

Nemecek, Petr
Newton College, Czech Republic

Nishino, Shoma
Kogakuin University, Japan

Noguchi, Nariaki
Kogakuin University, Japan

Nörthemann, Kai
Humboldt University of Berlin, Germany

Obwegeser, Nikolaus
Vienna University of Economics and Business Administration,
Austria

Ochiai, Masashi
Kogakuin University, Japan

Ochoa Gutiérrez, Víctor J.
National Polytechnic Institute, Mexico

Oganisjana, Karine
Riga Technical University, Latvia

Omer, Ako K.
Koya Univeristy, Iraq

Ophir, Dan
Afeka Tel Aviv Academic College of Engineering, Israel

Orantes-Jiménez, Sandra D.
Instituto Politécnico Nacional, Mexico

Ozolins, Modris
Riga Technical University, Latvia

Paiano, Roberto
University of Salento, Italy

Pando Álvarez, Rosa
Universidad Nacional Mayor de San Marcos, Peru

Pavlakova Docekalova, Marie
Brno University of Technology, Czech Republic

Pereira, Elisabeth
University of Aveiro, Portugal

Petit, Frédéric
Polytechnique Montreal, USA

Pickard, John
East Carolina University, USA

Placencia Medina, Maritza
Universidad Nacional Mayor de San Marcos, Peru

Plasenzotti, Roberto
Medical University of Vienna, Austria

Prezzama, J.
The MITRE Corporation, USA

Qian, Yuan-Yuan
Nanjing University of Aeronautics and Astronautics, China

Razzoli, Roberto P.
University of Genova, Italy

Redkin, Oleg
St. Petersburg State University, Russian Federation

Reetz, Edgar
Ilmenau University of Technology, Germany

Rodríguez, Nancy
Autonomous University of Madrid, Spain

Sánchez Flores, Guillermo
Technological University of Puebla, Mexico

Sandoval, Raul
National Polytechnic Institute, Mexico

Scappini, Reinaldo
National Technological University, Argentina

Schaetter, Alfred
Pforzheim University, Germany

Segall, Richard S.
Arkansas State University, USA

Shinozaki, Yusuke
Kogakuin University, Japan

Shiraishi, Yoshiaki
Kobe University, Japan

Silva-Valencia, Javier
Universidad Peruana Cayetano Heredia, Peru

Singh, Harwinder
Guru Nanak Dev Engineering College, India

Skrbek, Jan
Technical University of Liberec, Czech Republic

Sohn, Han Suk
New Mexico State University, USA

Souza, Mônica L.
Intellectos, Brazil

Srivastava, Smriti
Netaji Subhas Institute of Technology, India

Sturgill, Ronda
The University of Tampa, USA

Šulc, Jaromír
University of Pardubice, Czech Republic

Sulema, Yevgeniya
National Technical University of Ukraine, Ukraine

Sun, Baolin
Wuhan University, China

Sverdlov, Viktor
Institute for Microelectronics - TU Wien, Austria

Szygenda, Stephen A.
Southern Methodist University, USA

Tanaka, Katsuyuki
Aichi Institute of Technology, Japan

Tartari, Simone
Intellectos, Brazil

Tomanič Vidovič, Maja
Slovene Enterprise Fund, Slovenia

Tsiligaridis, John
Heritage University, USA

Tsubaki, Michiko
University of Electro-Communications, Japan

Velázquez-Araque, Luis
University of Guayaquil, Ecuador

Vrána, Stanislav
Czech Technical University in Prague, Czech Republic

Wang, Chuan-Ju
National Taiwan University, Taiwan

Watanabe, Manabu
Kogakuin University, Japan

Wiszniewski, Bogdan
Gdansk University of Technology, Poland

Yamamoto, Hideki
Kansai University, Japan

Yang, Zining
ACERTAS, USA

Yoshida, Naofumi
Komzawa University, Japan

Yuan, Jiann-Shiun
University of Central Florida, USA

Zaman, Moniruz
Daffodil International University, Bangladesh

Zaretsky, Esther
Givat Washington Academic College of Education, Israel

Zhang, Qing
Nanjing University of Aeronautics and Astronautics, China

ADDITIONAL REVIEWERS WHO MADE AT LEAST ONE DOUBLE-BLIND REVIEW

Abariga, Samuel
University of Maryland, USA

Abbas, Ghulam
Ghulam Ishaq Khan Institute, Pakistan

Abd El-Aziem, Mostafa
Arab Academy for Science and Technology, Egypt

Abd Jelil, Radhia
Higher Institute of Fashion Professions of Monastir, Tunisia

Abe, Jair Minoro
Paulista University, Brazil

Aboul-Ela, Magdy
French University in Egypt, Egypt

Abreu, António
Higher Education Polytechnic Institution of Engineering, Portugal

Abrukov, Victor
Chuvash State University, Russian Federation

Acharya, Sushil
Robert Morris University, USA

Agarwal, Arun
Siksha 'O' Anusandhan (Deemed to be University), India

Agulhari, Cristiano Marcos
State University of Campinas, Brazil

Ahmed, Shamsuddin
Islamic University of Madinah, Saudi Arabia

Akdeniz, Rafet
Namik Kemal University, Turkey

Aksoy, Mehmet S.
King Saud University, Saudi Arabia

Alafaireet, Patricia
University of Missouri, USA

Aleksic-Maslac, Karmela
Zagreb School of Economics and Management, Croatia

Alexik, Mikulas
University of Zilina, Slovakia

Al-Hamouz, Sadeq
The World Islamic Sciences and Education University, Jordan

Aliguliyev, Ramiz
Azerbaijan National Academy of Sciences, Azerbaijan

Al-Radhi, Mohammed Salah
Budapest University of Technology and Economics, Hungary

Al-Sabbagh, Ali
Florida Institute of Technology, USA

Alsmadi, Izzat
Yarmouk University, Jordan

Andina, Diego
Universidad Politécnica de Madrid, Spain

Andrade Ramos, Ana Luisa
University of Aveiro, Portugal

Andreev, Rumen
Bulgarian Academy of Sciences, Bulgaria

Anuar, Nor Badrul
University of Malaya, Malaysia

Arana Llanes, Julia Yazmín
National Center for Research and Technological Development, Mexico

Arato, Peter
Budapest University of Technology and Economics, Hungary

Aruga, Masahiro
Tokai University, Japan

Asemi, Asefeh
Corvinus University of Budapest, Hungary

Ashtiyani, Meghdad
Shahid Beheshti University of Medical Sciences, Iran

Asproni, Giovanni
European Bioinformatics Institute, United Kingdom

Aveledo, Marianella
Simon Bolivar University, Venezuela

Aydogan, Hasan
Selcuk University, Turkey

Aygoren, Hakan
Pamukkale University, Turkey

Aziz, Soulhi
National School of Mineral Industry, Morocco

Badie, Farshad
Aalborg University, Denmark

Bag, Dinabandhu
University of Mysore, India

Bagnoli, Franco
University of Florence, Italy

Bai, Zhengyao
Yunnan University, China

Bajrektarevic, Anis
International Institute for Middle East and Balkan Studies, Austria

Bakmaz, Bojan
University of Belgrade, Serbia

Balicki, Jerzy
Warsaw University of Technology, Poland

Bamdad, Mahdi
Shahrood University of Technology, Iran

Banerji, Sanjay
Amrita Vishwa Vidyapeetham University, India

Bansod, Nagsen
Dr. Babasaheb Ambedkar Marathwada University, India

Barb, Adrian
Penn State University, USA

Barba, Leiner
Popular University of Cesar, Colombia

Barsoum, Nader
Curtin University of Technology, Malaysia

Batos, Vedran
University of Dubrovnik, Croatia

Beer, Martin
Sheffield Hallam University, United Kingdom

Behmard, Hamid
Western Oregon University, USA

Behnam, Hamid
Iran University of Science and Technology, Iran

Belenli, Ibrahim
Abant Izzet Baysal University, Turkey

Bendella, Fatima
University of Science and Technology of Oran, Algeria

Benedicenti, Luigi
University of Regina, Canada

Bernabé, Gregorio
University of Murcia, Spain

Bernardi, Ansgar
German Research Center for Artificial Intelligence, Germany

Bernardino, Jorge
Institute of Engineering of Coimbra, Portugal

Bernick, Philip
Hathority, LLC, USA

Bettaz, Mohamed
Philadelphia University, Jordan

Bidarra, José
Aberta University, Portugal

Biernat, Krzysztof
Automotive Industry Institute, Poland

Boenke, Dietmar
Reutlingen University, Germany

Boguslavsky, Andrey A.
Keldysh Institute of Applied Mathematics, Russian Federation

Bojcetic, Nenad
University of Zagreb, Croatia

Bolboaca, Sorana Daniela
Iuliu Hatieganu University of Medicine and Pharmacy Cluj-Napoca, Romania

Bordignon, Alex Laier
Federal Fluminense University, Brazil

Bosch, Alfonso
University of Almeria, Spain

Bozkurt, Ipek
University of Houston-Clear Lake, USA

Bubnov, Alexey
Academy of Sciences of the Czech Republic, Czech Republic

Bulut, Faruk
Istanbul Rumeli University, Turkey

Caldararu, Florin
Ecological University of Bucharest, Romania

Camargo, Maria Emilia
University of Caxias do Sul, Brazil

Camilleri, Mario
University of Malta, Malta

Canbolat, Huseyin
Yildirim Beyazit University, Turkey

Capella Hernández, Juan Vicente
Polytechnic University of Valencia, Spain

Caramihai, Mihai
Politehnica University of Bucharest, Romania

Cardoso, Eduardo
Monterrey Institute of Technology and Higher Education, Mexico

Carmo, Elisangela Gisele Do
Paulista State University, Brazil

Carmona, Samuel
Development and Medical Innovation Center, Spain

Chaloo, Linda
Texas A&M University, USA

Chang, Chin-Chih
Chung Hua University, Taiwan

Chang, Yu-Ju
National Chi Nan University, Taiwan

Chávez-Aguayo, Marco Antonio
Universidad de Guadalajara, Mexico

Chen, Jingchao
DongHua University, China

Chen, Jyi-Ta
Southern Taiwan University, Taiwan

Chen, Lisa Y.
I-Shou University, Taiwan

Chen, Zhe
Northeastern University, China

Cherinka, Robert
The MITRE Corporation, USA

Chien, Ying-Ren
National Ilan University, Taiwan

Chittayasothorn, Suphamit
King Mongkut's Institute of Technology Ladkrabang, Thailand

Chorikavil Thomas, Jose
Central Plantation Crops Research Institute, India

Chou, Tung-Hsiang
National Kaohsiung First University of Science and Technology,
Taiwan

Cialdea, Donatella
University of Molise, Italy

Comite, Ubaldo
University of Calabria, Italy

Corcuera, Pedro
University of Cantabria, Spain

Crudele, Michele
Campus Bio-Medico University, Italy

D`Ulizia, Arianna
National Research Council, Italy

Da F. Costa, Luciano
University of São Paulo, Brazil

Dalla Vecchia, Alessandro
Federal University of Rio Grande do Sul, Brazil

Dargham, Joumana
American University of Beirut, Lebanon

Darwish, Abdalla
Dillard University, USA

Das, Srijan
Institut National de Recherche en Informatique et en Automatique -
Inria, France

De Felice, Fabio
University of Cassino and Southern Lazio, Italy

De la Puente, Fernando
University of Las Palmas de Gran Canaria, Spain

De Loor, Pierre
Brest National School of Engineering, France

De Moura Ramos, José Joaquim
University of A Coruña, Spain

De Souza Dutra, Michael David
Polytechnique Montréal, Canada

Deakins, Eric
University of Waikato, New Zealand

Debono, Carl James
University of Malta, Malta

Deliyska, Boryana
University of Forestry, Bulgaria

Dey, Aniruddha
Budge Budge Institute of Technology, India

Dhamdhare, Vidya
G. H. Raisoni College of Engineering and Management, India

Dizdaroglu, Bekir
Karadeniz Technical University, Turkey

Dladlu, Nosipho
North-West University, South Africa

Doherr, Detlev
University of Applied Sciences Offenburg, Germany

Douligeris, Christos
University of Piraeus, Greece

Duse, Carmen Sonia
Lucian Blaga University, Romania

Dvorak, Zdenek
University of Zilina, Slovakia

Dvornik, Josko
University of Split, Croatia

Ebadati, Omid Mahdi
Kharazmi University, Iran

Efstathiou, Dimitrios
Analog Devices Inc., USA

El Berhiti El Alaoui, Abdelbaki
Moulay Ismail University, Morocco

El Kadhi, Nabil
Epitech European Institute of Technology, France

El Kashlan, Ahmed
Arab Academy for Science and Technology, Egypt

El Oualkadi, Ahmed
Abdelmalek Essaadi University, Morocco

Elçi, Atilla
Aksaray University (Emeritus), Turkey

El-Kashlan, Ahmed
Academy for Science and Technology, Egypt

Ercan, M. Fikret
Singapore Polytechnic, Singapore

Erkollar, Alptekin
University of Applied Sciences, Austria

Falkowski-Gilski, Przemyslaw
Gdansk University of Technology, Poland

Farhaoui, Yousef
Moulay Ismail University, Morocco

Farias, Patricia
Federal University of Pernambuco, Brazil

Fazekas, Attila
University of Debrecen, Hungary

Fernandes, Márcia
Federal University of Uberlândia, Brazil

Ferreira, Andrea
Federal University of Paraíba, Brazil

Figuroa de La Cruz, Mario M.
National Technological University, Argentina

Finkbine, Ronald
Indiana University Southeast, USA

Floyd, Raymond
Innovative Insights, Inc., USA

Foglia, Pierfrancesco
University of Pisa, Italy

Forcolin, Margherita
Leiden University, Netherlands

Fornari, Javier
National Technological University, Argentina

Fox, Richard
Northern Kentucky University, USA

Fujiwara, Takahiro
Shizuoka University, Japan

Furukawa, Susumu
University of Yamanashi, Japan

Ganapathi, Nanthini
Research Triangle Institute, USA

Gandhewar, Nisarg
S.B. Jain Institute of Technology, Management & Research, India

García Marco, Francisco J.
University of Zaragoza, Spain

García-Aracil, Adela
Polytechnic University of Valencia, Spain

García-Ramírez, José Miguel
University of Granada, Spain

Gargallo-Castel, Ana
University of Zaragoza, Spain

Gatfaoui, Hayette
IESEG School of Management, France

George, Alan
Montana State University, USA

Gini, Giuseppina
Polytechnic of Milan, Italy

Gnatyuk, Volodymyr
V.E. Lashkaryov Institute of Semiconductor Physics of the
National Academy of Sciences of Ukraine, Ukraine

Gómez Plaza, Mariano
Soticol Robotics Systems, Spain

Gonge, Sudhanshu
Vishwakarma Institute of Technology, India

González-Cantón, César
University College of Financial Studies, Spain

Grygierzec, Wieslaw
University of Agriculture in Krakow, Poland

Gudikandhula, Narasimha Rao
Centurion University of Technology and Management, India

Guel, Michele
Cisco Systems, Inc, USA

Gueorguieva, Natacha
City University of New York, USA

Gulbahar, Yasemin
Ankara University, Turkey

Gupta, Vijay Kumar
Indian Institute of Information Technology, Design and
Manufacturing, India

Gusmão, Cristine
Federal University of Pernambuco, Brazil

Györödi, Cornelia
University of Oradea, Romania

Haddad, Hisham
Kennesaw State University, USA

Hajduk, Zbigniew
Rzeszow University of Technology, Poland

Hamie, Ali
University of Brighton, United Kingdom

Hanson, Ardis
University of South Florida, USA

Haruvy, Nava
Netanya Academic College, Israel

Hashimoto, Shigehiro
Kogakuin University, Japan

Hass, Douglas
ImageStream Internet Solutions, Inc., USA

Herrera Jimenez, Simar Enrique
Universidad Distrital Francisco Jose de Caldas, Colombia

Hetzer, Dirk
T-Systems, Germany

Heydari, M. Hossain
James Madison University, USA

Hieber, Hartmann
International Consulting Bureaux, Germany

Hilkevics, Sergejs
Ventspils University of Applied Sciences, Latvia

Hitam, Muhammad Suzuri
University College of Science and Technology, Malaysia

Hong, Sungbum
Jackson State University, USA

Hong, Tzung-Pei
National University of Kaohsiung, Taiwan

Hsu, Ching-Sheng
Ming-Chuan University, Taiwan

Iamratanakul, Supachart
Kasetsart University, Thailand

Imbalzano, Giovanni
Ministero dell' Istruzione, Italy

Inci, Ahmet Can
Bryant University, USA

Inkinen, Tommi
University of Helsinki, Finland

Intakosum, Sarun
King Mongkut's Institute of Technology Ladkrabang, Thailand

Intan, Rolly
Petra Christian University, Indonesia

Ionescu, Adela
University of Craiova, Romania

Ishikawa, Hiroshi
Niigata University of International and Information Studies, Japan

Ivasic-Kos, Marina
University of Rijeka, Croatia

Jain, Alok
Samrat Ashok Technological Institute, India

Jakubik, Maria
Ronin Institute, USA

Jaoua, Ali
University of Qatar, Qatar

Jaramillo-Núñez, Alberto
National Institute of Astrophysics, Optics and Electronics, Mexico

Jastrzebska, Agnieszka
Warsaw University of Technology, Poland

Jeyaram, Bala Suyambu
MENTIS Inc, India

Jia, Pengfei
Southwest University, China

Julião, Rui Pedro
New University of Lisbon, Portugal

Kamel, Ahmed
Concordia College, USA

Kanchi, Saroja
Kettering University, USA

Kaneko, Yoshihiro
Gifu University, Japan

Kanishcheva, Olga
National Technical University, Ukraine

Karaghoor, Haneen
Tikrit University, Iraq

Kawaguchi, Masashi
National Institute of Technology, Suzuka College, Japan

Kawarazaki, Noriyuki
Kanagawa Institute of Technology, Japan

Kaya, Ahmet
Ege University, Turkey

Kess, Pekka
University of Oulu, Finland

Khanchel, Fatma
Salah Azaeiz Institute, Tunisia

Khudayarov, Bakhtiyar
Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, Uzbekistan

Kljenak, Ivo
Jozef Stefan Institute, Slovenia

Kumar, Prashant
Shivaji University, India

Kumar, Shashi Kumar
Bangalore University, India

Kumar Pandey, Sumit
Jharkhand Rai University, India

Kurtulus, Kemal
Istanbul University, Turkey

Kushida, Takayuki
Tokyo University of Technology, Japan

Lasmanis, Aivars
University of Latvia, Latvia

Law, Rob
Hong Kong Polytechnic University, Hong Kong

Lee, Jason
Lawrence Berkeley National Laboratory, USA

Lee, Jong Kun
Changwon National University, South Korea

Lee, Yih-Jiun
Chien Kuo Technology University, Taiwan

Lee, Yusin
National Cheng Kung University, Taiwan

Leguizamón, Guillermo
National University of San Luis, Argentina

Lemos, Rodrigo
Federal University of Goias, Brazil

Leng, Ho Keat
Nanyang Technological University, Singapore

Li, Zhiheng
Tsinghua University, China

Lim, Hwee-San
Science University of Malaysia, Malaysia

Lin, Shu-Chiung
Tatung University, Taiwan

Lincke, Susan
University of Wisconsin-Parkside, USA

Liu, Jialin
Texas Tech University, USA

Liverani, Alfredo
University of Bologna, Italy

Lokaj, Zdenek
Czech Technical University in Prague, Czech Republic

López Román, Leobardo
University of Sonora, Mexico

Lopez Torres, Ana María
University of Zaragoza, Spain

Lu, Yi-Yu
Far East University, Taiwan

Luo, Jia-Ning
Ming Chuan University, Taiwan

Lyudmila, Mihaylova
Lancaster University, United Kingdom

Magnani, Lorenzo
University of Pavia, Italy

Mainguenaud, Michel
Institut National des Sciences Appliquées, France

Makume, Thakane
Lesotho Electricity Company, Lesotho

Malan, Danie
University of Pretoria, South Africa

Malollari, Ilirjan
University of Tirana, Albania

Mandal, Pratap Chandra
Indian Institute of Management Shillong, India

Mao, Xiao-Bing
Wuhan University of Technology, China

Marinova, Rossitza
Concordia University of Edmonton, Canada

Martín Núñez, Jose Luis
Universidad Politécnica de Madrid, Spain

Martínez, Liliana Inés
National University of Central Buenos Aires, Argentina

Marx Gómez, Jorge
University Oldenburg, Germany

Mashao, Daniel
University of Johannesburg, South Africa

Masini, Barbara
University of Bologna, Italy

Mauri, Marco
Polytechnic of Milan, Italy

Meerja, Akhil Jabbar
Vardhaman College of Engineering, India

Mendoza-Hannan, Juana
New Mexico State University, USA

Meressi, Tesfay
University of Massachusetts Dartmouth, USA

Merten, Pascaline
Free University of Brussels, Belgium

Metrolho, Jose
Polytechnic Institute of Castelo Branco, Portugal

Michaelides, Panagiotis G.
University of Crete, Greece

Milcic, Diana
University of Zagreb, Croatia

Mishra, Deepak
Indian Institute of Space Science and Technology, India

Misra, Dipak
Xavier Institute of Management, India

Misurec, Jiri
Brno Univerzity of Technology, Czech Republic

Mitra, Pinaki
Indian Institute of Technology Guwahati, India

Miyazaki, Jun
OrangeTechLab Inc., Japan

Moch, Peggy L.
Valdosta State University, USA

Mohd Basri, Mohd Ariffanan
Universiti Teknologi Malaysia, Malaysia

Montecinos, Julio
Polytechnique Montréal, Canada

Montisci, Augusto
University of Cagliari, Italy

Morais, A. Jorge
Portuguese Open University, Portugal

Morgan, Theresa
Wudang Research Association, USA

Mostafavi, Taghi
University of North Carolina at Charlotte, USA

Nag, Abhijit
The University of Memphis, USA

Nagaiah, Narasimha
University of Central Florida, USA

Nagy, Endre L.
Society of Instrument and Control Engineers, Japan

Nemec, Juraj
Matej Bel University, Slovakia

Netisopakul, Ponrudee
King Mongkut's Institute of Technology Ladkrabang, Thailand

Neumüller, Moritz
Vienna University of Economics and Business, Austria

Newsome, Mark
Hewlett-Packard Company, USA

Nieniewski, Mariusz
University of Lodz, Poland

Nieuwenhuis, Lambert
University of Twente, Netherlands

Nievola, Julio Cesar
Pontifical Catholic University of Paraná, Brazil

Nleya, Bakhe
Durban University of Technology, South Africa

Novikov, Oleg
Tomko, Russian Federation

Nugroho, Heru
Telkom University, Indonesia

Objelean, Nicolae
State University of Moldova, Moldova, Republic of

Obrebski, Jan B.
Warsaw University of Technology, Poland

Occelli, Sylvie
Economic Social Research Institute of Piemonte, Italy

Odella, Francesca
University of Trento, Italy

Odetayo, Michael
Coventry University, United Kingdom

Oliveira, Ana Inês
Nova University of Lisbon, Portugal

Olson, Patrick C.
National University, USA

Ooi, Yat Ming
The University of Auckland, Australia

Ouyang, Lishu
Chinese Culture University, Taiwan

Ow, Siew Hock
University of Malaya, Malaysia

Pal, Tandra
National Institute of Technology Durgapur, India

Paranina, Alina
Herzen State Pedagogical University, Russian Federation

Park, Se Hyun
Chung-Ang University, South Korea

Parveen, Suraiya
Jamia Hamdard (Deemed to be University), India

Patel, Kuntalkumar P.
S. V. Institute of Computer Studies, India

Pereira, Rafael
Federal University of Santa Maria, Brazil

Picholle, Eric
University of Nice Sophia Antipolis, France

Pickl, Stefan
Bundeswehr University Munich, Germany

Pitchapillai, Periyasamy
Sree Saraswathi Thyagaraja College, India

Poniszewska-Maranda, Aneta
Lodz University of Technology, Poland

Prasad, P. M. K.
GVP College of Engineering for Women, Visakhapatnam, India

Prodan, Augustin
Iuliu Hatieganu University, Romania

Pshehotskaya, Ekaterina
 InfoWatch, Russian Federation

Puranik, Parag
 Priyadarshini Indira Gandhi College of Engineering, India

Qabazard, Adel M.
 Kuwait Institute for Scientific Research, Kuwait

Quadro, Martín
 National University of Córdoba, Argentina

Rachev, Boris
 Technical University of Varna, Bulgaria

Raibulet, Claudia
 University of Milano-Bicocca, Italy

Rajini Kanth, T. V.
 Sreenidhi Institute of Science and Technology, India

Ramos, Ana Luísa
 University of Aveiro, Portugal

Reichwald, Julian
 Cooperative State University Baden-Wurttemberg Mannheim, Germany

Renes-Arellano, Paula
 University of Cantabria, Spain

Richardson, Joanna
 Griffith University (Retired), Australia

Riihenta, Juhani
 University of Oulu (Retired), Finland

Rodríguez-Piñero, Piedad Tolmos
 Rey Juan Carlos University, Spain

Romansky, Radi
 Technical University of Sofia, Bulgaria

Romão, Luiz
 University of the Region of Joinville, Brazil

Romero, Luis Felipe
 University of Sonora, Mexico

Ros, Frederic
 Orleans University, France

Rossmann, Jürgen
 RWTH Aachen University, Germany

Rot, Artur
 Wroclaw University of Economics, Poland

Rout, Deepak
 National Institute of Technology Goa, India

Rowe, Neil
 Naval Postgraduate School, USA

Ruan, Tongjun
 New Mexico Institute of Mining and Technology, USA

Rubio-Largo, Alvaro
 University Nova of Lisbon, Portugal

Ruiz Rey, Francisco J.
 University of Malaga, Spain

Rynearson, Kimberly
 Tarleton State University, USA

Sahyun, Steven
 University of Wisconsin Whitewater, USA

Sanna, Andrea
 Polytechnic University of Turin, Italy

Sarfraz, Muhammad
 Kuwait University, Kuwait

Sarukhanyan, Hakob G.
 Institute for Informatics and Automation Problems, Armenia

Sasakura, Mariko
 Okayama University, Japan

Saxena, Gunjan
 The University of Hull, United Kingdom

Saylan Kırmızıgül, Aslı
 Erciyes University, Turkey

Selcuk, Artut
 Sabanci University, Turkey

Selim, Haysam
 University of Nevada Las Vegas, USA

Sencu, Razvan
 University of Manchester, United Kingdom

Shang, Yilun
 Tongji University, China

Shanker, Udai
 Indian Institute of Technology Roorkee, India

Sharma, Durga
 Maharishi Arvind Institute of Science and Management, India

Shieh, Chin-Shiuh
 National Kaohsiung University of Applied Sciences, Taiwan

Shieh, Hsin-Jang
 National Dong Hwa University, Taiwan

Shing, Chen-Chi
 Radford University, USA

Shiraishi, Masatake
 Ibaraki University, Japan

Shojafar, Mohammad
 University Sapienza of Rome, Italy

Silva, Geraldo
 Estadual Paulista University, Brazil

Silvestri, Alessandro
 University of Cassino and Southern Lazio, Italy

Simion, Gabriela
 University Politehnica of Bucharest, Romania

Singh, Vijander
 Netaji Subhas University of Technology (Formerly NSIT), India

Siriopoulos, Costas
 Zayed University, United Arab Emirates

Sirkemaa, Seppo
 University of Turku, Finland

Sithole, Morgan Frank
 Electricity Supply Commission, South Africa

Sleit, Azzam Talal
 University of Jordan, Jordan

Smith Nash, Susan
 University of Oklahoma, USA

Sokolov, Sergey
 Keldysh Institute for Applied Mathematics, Russian Federation

Somkantha, Krit
 Udon Thani Rajabhat University, Thailand

Sornkaew, Thanakorn
Ramkhamheang University, Thailand

Sousa, António
Institute of Biomedical Engineering, Portugal

Stasytyte, Viktorija
Vilnius Gediminas Technical University, Lithuania

Steinbacher, Hans-Peter
University of Applied Science Kufstein, Austria

Stoleru, Neculai Daniel
Military Technical Academy in Romania, Romania

Štokr, Milan
University of West Bohemia, Czech Republic

Stosic, Lazar
Institute of Management and Knowledge, Serbia

Straub, Jeremy
North Dakota State University, USA

Styron, Ronald
University of South Alabama, USA

Suárez-Garaboa, Sonia M^a
University of A Coruña, Spain

Subba Reddy, N. V.
Manipal Institute of Technology, India

Subban, Ravi
Pondicherry University, India

Sureerattanan, Nidapan
Independent, Thailand

Suviniitty, Jaana
Aalto University School of Technology, Finland

Swart, William
East Carolina University, USA

Szabó, Csaba
Technical University of Kosice, Slovakia

Szczesna, Agnieszka
Silesian University of Technology, Poland

Tadepalli, Gopal
Anna University, Chennai, India

Tadisetty, Srinivasulu
Kakatiya University, India

Taghouti, Hichem
University of Tunis Elmanar II, Tunisia

Țălu, Ștefan
The Technical University of Cluj-Napoca, Romania

Tam, Wing K.
Zodicom Technology Pty Limited, Australia

Tan, Tse Guan
Universiti Malaysia Kelantan, Malaysia

Taylor, Stephen
Sussex University, United Kingdom

Teixeira Pinto, Leonel
Federal University of Santa Catarina, Brazil

Tenreiro Machado, J. A.
Institute of Engineering of Porto, Portugal

Tezak, Oto
University of Maribor, Slovenia

Thulasiraman, Parimala
University of Manitoba, Canada

Thurasamy, Ramayah
Science University of Malaysia, Malaysia

Trifas, Monica
Jacksonville State University, USA

Tsai, Chang-Lung
Chinese Culture University, Taiwan

Tsaur, Woei-Jiunn
Da-Yeh University, Taiwan

Tselykh, Alexey
Southern Federal University, Russian Federation

Tsiligaridis, John
Heritage University, USA

Tsipouras, Markos
University of Ioannina, Greece

Vaida, Mircea Florin
Technical University of Cluj-Napoca, Romania

Vasilache, Simona
University of Tsukuba, Japan

Vasiu, Radu
Polytechnic University of Timișoara, Romania

Vázquez, Ernesto
Autonomous University of Nuevo Leon, Mexico

Vdović, Roberto
University of Zagreb, Croatia

Vegh, Laura
Technical University of Cluj-Napoca, Romania

Vizureanu, Petrica
"Gheorghe Asachi" Technical University of Iasi, Romania

Vlad, Radu-Constantin
Technical University of Cluj-Napoca, Romania

Waghmare, Vishal
Vivekanand College, India

Walters, Sharon
Southern Illinois University, USA

Wan Yusoff, Wan Fauziah
Universiti Tun Hussein Onn Malaysia, Malaysia

Wang, Jau-Shyong
Shu-Te University, Taiwan

Wang, Jekey
Chinese Academy of Science, China

Wataya, Roberto Sussumu
Adventist University Center of Sao Paulo, Brazil

Watson, Ian
Northumbria University, United Kingdom

Wei, Xinzhou
New York City College of Technology, USA

Whatley, Janice
University of Salford, United Kingdom

Wielki, Janusz
Opole University of Technology, Poland

Wolfengagen, Viacheslav
Institute for Contemporary Education JurInfoR-MSU, Russian Federation

Woods, Kelvin
Catholic University of America, USA

Wu, Tung-Xiung (Sean)
Shih Hsin University, Taiwan

Wulf, Erico
University of La Serena, Chile

Xie, Haiyan
University of Arkansas at Little Rock, USA

Xochicale Rojas, Hugo A.
DeSiC - Desarrollo de Sistemas de Cómputo, Mexico

Yoon, Changwoo
Electronics and Telecommunications Research Institute, South Korea

Zainon Hamzah, Zaitul Azma
University Putra Malaysia, Malaysia

Zaretsky, Esther
Giv'at Washington Academic College of Education, Israel

Zaveri, Jigish
Morgan State University, USA

Zayan, Mohamed
NileSat Company, Egypt

Zelinka, Tomas
Czech Technical University in Prague, Czech Republic

Zemliak, Alexander
Autonomous University of Puebla, Mexico

Zhang, Boquan
Guangdong University of Technology, China

Zhang, Yanlong
Manchester Metropolitan University, United Kingdom

Zhao, Xuejiao
Nanyang Technological University, Singapore

Zhao, Yichuan
Georgia State University, USA

Zharikov, Eduard
National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine

Zhu, Jianming
Central University of Finance and Economics, China

Zogla, Irena
University of Latvia (Emeritus), Latvia

Zoican, Roxana
Politehnica University of Bucharest, Romania

ADDITIONAL REVIEWERS WHO MADE AT LEAST ONE NON-BLIND REVIEW

Adedayo, Julius
Ekiti State University, Nigeria

Adeyinka, Tella
University of Ilorin, Nigeria

Adhikari, Binod
St. Xavier's College, Nepal

Ahn, Dohee
Chungang University, South Korea

Al Hayajneh, Abdullah
New Jersey City University, USA

Albuquerque, Magaly
Federal University of Rio de Janeiro, Brazil

Alemaw, Berhanu Fanta
University of Botswana, Botswana

Alsaqqar, Awatif
Uruk University, Iraq

Andrade Nunes, Daniel
Instituto Nacional de Telecomunicações – Inatel, Brazil

Aneja, Nagendra
University Brunei Darussalam, Brunei

Arjona-Villicana, P. David
Universidad Autónoma de San Luis Potosi, Mexico

Arrua, Silvia
University of South Carolina, USA

Arteaga, Daniel
Universidad Nacional de Ingeniería, Peru

Barrero, Federico
Universidad de Sevilla, Spain

Bauer, Thomas A.
University of Vienna, Austria

Bazylevych, Roman
Lviv Polytechnic National University, Ukraine

Beltran, Beatriz
Benemérita Universidad Autónoma de Puebla, Mexico

Berhanu Fanta, Alemaw
University of Botswana, Botswana

Bernardino, Jorge
Institute of Engineering of Coimbra, Portugal

Bhaskar, N
Bhavan's Vivekananda College, India

Bowkett, Mark
University of South Wales, United Kingdom

Bruch, Erwin
ISHCCO, Luxembourg

Brys, Carlos
National University of Misiones, Argentina

Büchi, Simone
5to9, Switzerland

Burke, Lee
Pacific Northwest National Laboratory, USA

Butron, Eden
Seneca College, Canada

Cardol, Jan
PMI Netherlands, Netherlands

Carmo, Elisangela Gisele Do
Paulista State University, Brazil

Cary, Elizabeth
Pacific Northwest National Laboratory, USA

Casagni, Michelle
The MITRE Corporation, USA

Cashel-Cordo, Peter
University of Southern Indiana, USA

Cayssials, Ricardo
Universidad Nacional del Sur, Argentina

Chalfoun, Nader
University of Arizona, USA

Chaly, Vadim
Immanuel Kant Baltic Federal University, Russian Federation

Chan, Victor
Tsinghua-Berkeley Shenzhen Institute, USA

Cherinka, Robert
The MITRE Corporation, USA

Choi, Doo-Hyun
Kyungpook National University, South Korea

Chou, Chung-Li
Chaoyang University of Technology, Taiwan

Crepeau, John
University of Idaho, USA

Cruz Gimenez, Edson Josias
Instituto Nacional de Telecomunicações – Inatel, Brazil

Deaconu, Alexandrina
The Bucharest University of Economic Studies, Romania

Dianderas, Erwin
Instituto de Investigaciones de la Amazonía Peruana, Peru

Diaz, Naku
Benemérita Universidad Autónoma de Puebla, Mexico

Dinka, Megersa Olumana
University of Johannesburg, South Africa

Dvornik, Josko
University of Split, Croatia

Ekundayo, Samuel
Eastern Institute of Technology, New Zealand

El Breidi, Farid
University of Southern Indiana, USA

Fang, Wen-Chang
National Taipei University, Taiwan

Faruqi, M. A.
Texas A&M University - Kingsville, USA

Ferro, Edgardo
Universidad Nacional del Sur, Argentina

Forcolin, Margherita
Leiden University, Netherlands

Fornasari, María Silvina
Universidad Nacional de Quilmes, Argentina

G, Shivamurthy
Visvesvaraya Technological University, India

Gäbeler, Jens
Stuttgart Media University, Germany

González, Nimrod
Instituto Tecnológico y de Estudios Superiores de Monterrey, Mexico

Haack, Bertil
Technische Hochschule Wildau, Germany

Haoyue, Bai
Royal Bank of Canada, Canada

Hashimoto, Shigehiro
Kogakuin University, Japan

Hashmi, Omer
Agile Brains Consulting, USA

Hecht, Juan Pedro
Universidad de Buenos Aires, Argentina

Hernández, María Yasmín
Instituto Nacional de Electricidad y Energías Limpias, Mexico

Hitzges, Arno
Stuttgart Media University, Germany

Hong, Jinglan
Shandong University, China

Hoogewerff, Jurian
University of Canberra, Australia

Impedovo, Maria-Antonieta
Aix Marseille Université, France

Ivarsson, Ylva
Uppsala University, Sweden

Jegede, Samuel
Ekiti State University, Nigeria

Jilek, Miroslav
Czech Technical University in Prague, Czech Republic

Kalyanov, George
Russian Academy of Science, Russian Federation

Kang, Gyuhan
Kookmin University, South Korea

Kasemi, Vladimir
Polytechnic University of Tirana, Albania

Kasiwi, Aulia Nur
Universitas Muhammadiyah Yogyakarta, Indonesia

Kawaguchi, Masashi
National Institute of Technology, Suzuka College, Japan

Kim, Yangsoon
Korea University, South Korea

Koosha, Hamidreza
Ferdowsi University of Mashhad, Iran

Korres, George
University of the Aegean, Greece

Kshetri, Nir
University of North Carolina-Greensboro, USA

Lalonde, Rodney
University of Central Florida, USA

Laracy, Joseph
Seton Hall University, USA

Lee, Richard
Texas A&M International University, USA

Li, Lin
North China Electric Power University, China

Li, Yuelin
Nankai University, China

Lin, Hong-Dar
Chaoyang University of Technology, Taiwan

Lin, Ming-Yen
Feng Chia University, Taiwan

Londo, Andonaq
Polytechnic University of Tirana, Albania

Lopes, Fabio
Instituto de Pesquisas Tecnológicas, Brazil

Lopes, Renato de Aquino
Federal University of Uberlândia, Brazil

Luomakoski, Jari
Haaga-Helia University of Applied Sciences, Finland

Macdonald, Thomas
St. John's Seminary, USA

Mahgoub, Imadeldin
Florida Atlantic University, USA

Mahmoudi, Hiwa
TU Wien, Austria

Maldonado, Juan
Universidad Técnica Particular de Loja, Ecuador

Manigault, Carol
Felician University, USA

Marcelino, Roderval
Federal University of Santa Catarina, Brazil

Marin, Irinel
The Bucharest University of Economic Studies, Romania

Marlowe, Thomas
Seton Hall University, USA

Masticola, Stephen
Siemens Corporate Research (Retired), USA

Masuda, Satoshi
IBM, Japan

Megersa Olumana, Dinka
University of Johannesburg, South Africa

Mei, Chao
Kennesaw State University, USA

Meneses, Mario Olímpio de
Universidade Presbiteriana Mackenzie, Brazil

Montoya, Jairo
Universidad de la Sabana, Colombia

Morales Aguirre, Marco Antonio
Instituto Tecnológico Autónomo de México, Mexico

Moser, Rene
Volksschulamt Kanton Zürich, Switzerland

Mourad, Azzam
Lebanese American University, Lebanon

Mukai, Hiroaki
Kanazawa Institute of Technology, Japan

Murzaku, Ines
Seton Hall University, USA

Myers, Margaret
Institute for Defense Analyses, USA

Nagai, Yasuo
Tokyo University of Information Sciences, Japan

Nava-Muñoz, Sandra E.
Universidad Autónoma de San Luis Potosí, Mexico

Neto, Milton Miranda
Minas Gerais State University, Brazil

Nieuwenhuis, Lambert
University of Twente, Netherlands

Niu, Gao
Bryant University, USA

Obeidat, Suhaib
Bloomfield College, USA

Obermaier, Reinhard
ISHCCO, Germany

Okada, Hiraku
Aichi Institute of Technology, Japan

Olinsky, Alan
Bryant University, USA

Osintsev, Dmitri
Singularis Lab, Russian Federation

Otrok, Hadi
Khalifa University, United Arab Emirates

P, Sudhakar
Annamalai University, India

Parizi, Reza Meimandi
Kennesaw State University, USA

Pawlak, Miroslaw
State University of Applied Sciences in Konin, Poland

Pereira, Mauricio
Federal University of Mato Grosso, Brazil

Peterson, Gary
Florida State University, USA

Pozin, Boris
National Research University Higher School of Economics, Russian Federation

Rajan, Ethirajan Govinda
Pentagram Research Centre Pvt. Ltd., India

Ramachandran, Bhuvaneshwari
University of West Florida, USA

Ramljak, Dusan
West Texas A&M University, USA

Ramos Nunes Pinto Ferreira, Luís Carlos
Polytechnic of Porto, Portugal

Rashid, Tarik
University of Kurdistan Hewlêr, Iran

Ribeiro, Fernanda
Universidade do Porto, Portugal

Rivera, Diana
Universidad Técnica Particular de Loja, Ecuador

Roengtam, Sataporn
University of Khon Kaen, Thailand

Roller, Wolfgang
Fraunhofer IOSB, Germany

Ryoo, Han Young
Ewha Woman's University, South Korea

S, Tamilselvan
Pondicherry Engineering College, India

S., Sampath
Adichunchanagiri Institute of Technology, India

Sahd, Lize-Marie
Stellenbosch University, South Africa

Sampson, James
Florida State University, USA

Santos, Raul
Federal University of Mato Grosso, Brazil

Sasse, Martina Angela
Ruhr-Universität Bochum, Germany

Savage Carmona, Jesus
Universidad Nacional Autónoma de México, Mexico

Schönbein, Rainer
Fraunhofer IOSB, Germany

Schorner, Michael
Universitat Innsbruck, Austria

Sekerinski, Emil
McMaster University, Canada

Shahini-Hoxhaj, Remzie
University of Prishtina, Kosovo

Shan, Man-Kwan
National Chengchi University, Taiwan

Shen, James H. W.
City University of Macau, Hong Kong

Shiraishi, Yoshiaki
Kobe University, Japan

Simonson, Jonathan
General Electric Healthcare, USA

Singh, Gurjiwan
Guru Nanak Dev Engineering College, India

Singh, Inderjit
Guru Nanak Dev Engineering College, India

Sinha, Ram Pratap
Government College of Engineering and Leather Technology, India

Sobrado, Eddie
Pontificia Universidad Católica del Perú, Peru

Soeiro Gonçalves, Rubens
Instituto Federal do Maranhão, Brazil

Stančeková, Dana
University of Zilina, Slovakia

Stuffle, Gene
Idaho State University, USA

Sujatha, B.
Osmania University, India

Sung, Peng-Cheng
Chaoyang University of Technology, Taiwan

Suresha, Dr.
University of Mysore, India

Tetarave, Sumit
Indian Institute of Technology Patna, India

Tommasino, Pasquale
Università degli Studi di Roma "La Sapienza", Italy

Tongngam, Sutep
National Institute of Development Administration, Thailand

Trifiletti, Alessandro
Università degli Studi di Roma "La Sapienza", Italy

Tsobanoglou, Georgios
University of the Aegean, Greece

Urban, Joseph E.
Arizona State University, USA

Valdivia, César
Pontificia Universidad Católica del Perú, Peru

Vargas, César
Instituto Tecnológico y de Estudios Superiores de Monterrey, Mexico

Vasconcelos Ferreira, José
University of Aveiro, Portugal

Vergueiro, Waldomiro
University of Sao Paulo, Brazil

Verzilin, Dmitrii
Lesgaft State University of Sports and Health, Russian Federation

Vincent, Caroline
Aix Marseille Université, France

Vinces, Nikolai
Universidad Peruana de Ciencias Aplicadas, Peru

Walker, George (Stewart)
Flinders University, Australia

Xie, Iris
University of Wisconsin – Milwaukee, USA

Yang, Hu
Central University of Finance and Economics, China

Yasuharu, Nishi
University of Electro-Communications, Japan

Yihun, Yimesker
Wichita State University, USA

Zachman, Patricia
National University of the Southern Chaco, Argentina

Zeebaree, Subhi
University of Duhok, Iraq

Zilouchian, Ali
Florida Atlantic University, USA

Zou, Jun
Tsinghua University, China

