

## KEYNOTE AND INVITED SPEAKERS INTERNATIONAL CONFERENCE

### **Prof. Istvan Seres (Hungarian University of Agriculture and Life Sciences)**

Prof. Dr. Istvan Farkas is a university professor and researcher at Hungarian University of Agriculture and Life Sciences, Gödöllő – Hungary. He also a core member and administration coordinator of MATE Doctoral School of Mechanical Engineering. He got his Ph.D in Agricultural Engineering from Szent Istvan University. He published 227 scientific publications, 1 monograph and professional books, 4 monograph/books in which chapters/sections were contributed, and 189 independent citations to his publications and creative works. His research area focused on physics education, solar energy utilization, sensor and measurement.

### **Prof. Istvan Farkas (Hungarian University of Agriculture and Life Sciences)**

Prof. Istvan Farkas is professor emeritus at Hungarian University of Agriculture and Life Sciences, Gödöllő. He is a core member of MATE Doctoral School of Mechanical Engineering, academic staff member of BME Géza Pattantyús-Ábrahám, Doctoral School of Mechanical Engineering and Academic staff member of MATE Festetics Doctoral School. He got Doctor of Science Degree in 1993 from HAS University. He has published 1082 scientific publications, 4 monograph and professional books, and contributed in 22 monograph/books. His research area is in modelling & computer simulation, process control identification and optimization, heat and mass transfer processes (drying, greenhouse processes), and solar energy applications. Presently, a lot of his activities devotes on International professional societies such as: International Solar Energy Societies (ISES), International Federation of Automatic Control (IFAC), European Federation of Chemical Engineering (EFChE), European Thematic Network on Education and Research in Biosystems Engineering, European Network on Photovoltaic Technologies, FAO Regional Working Group on Greenhouse Crops in the SEE Countries, Solar Energy Journal Associate Editor, Drying Technology Journal Editorial Board, etc. He was a visiting Professor in several universities: Solar Energy Applications Laboratory, Colorado University State University, Fort Collins - USA; Department of Energy, Helsinki University of Technology, Espoo - Finland; Institut for Meteorology and Physics, University of Agriculture Sciences, Vienna - Austria; Laboratory of Bioprocess Engineering, The University of Tokyo - Japan.

### **Prof. Jozef Horabik (Institute of Agrophysics of the Polish Academy of Sciences)**

Prof. Jozef Horabik is a professor at Bohdan Dobrzański Institute of Agrophysics, Polish Academy of Sciences, Lublin, Poland. In 1986, he got his PhD in Technical Science from Faculty of Agriculture Engineering, University of Agriculture in, Lublin, Poland. In 2003, he is appointed as Professor in Agricultural Science in Institute of Agrophysics PAS, Lublin, Poland. He is a membership of American Society of Agricultural and Biological Engineers, Polish Society of Agrophysics, Polish Society of Agricultural Engineering and

Committee of Agrophysics of PAS. He has 94 publications and 1237 citations to his publications. His expertise are mechanical properties, material characteristics, mechanical behavior of materials and mechanical testing. Currently, he is is a Director of the Institute of Agrophysics, Polish Academy of Sciences Lublin, Poland. He also works as an Editor in Chief of Acta Agrophysica, Associated Editor of International Agrophysics, Member of Editorial Board of Polish Journal of Soil Science. He actively cooperates with over 20 scientific institutions in Poland and abroad. Over 260 scientific publications. His research interests are in applied physics, agrophysics, physical properties of agro-materials, modeling of mechanics of granular solids and food powders.

#### **Prof. Zuzana Hlavacova (Slovak University of Agriculture)**

Prof. Zuzana Hlavacova is a professor at Slovak University of Agriculture, Slovakia. She's also managing director at Department of Physics. She obtained her Ph.D. in Moisture content metrology from the Slovak University of Agriculture in Nitra, Slovakia, RNDr.. Her area of interest related to electrical properties of biological materials, electrical properties utilization in agriculture and food processing, physical properties of food, and biophysics. She has published 58 publications and got 156 citations to her publications. She gain award from Ministry of Education, Science, Research and Sport of the Slovak Republic on March, 2019.

#### **Dr. Husnul Azan Bin Tajarudin (Universiti Sains Malaysia)**

Dr. Husnul Azan Bin Tajarudin is a Associate Professor and Deputi Dean (Academic, Career & International) at School of Industrial Techonology, Universiti Sains Malaysia. He obtained his Ph.D form Swansea University, UK. His area expertise are fermentation technology, waste treatment through bioprocess technology and bioprocess technology. He has published 121 scientific publications with 704 citations to his publications.

#### **Dr. Hasan Al Abdulgader (Saudi Aramco)**

Dr. Hasan Al Abdulgader is a Head of Produced Treatment R&D Program at Saudi Aramco. He is an adjunct professor in Chemical Engineering at King Fahd University of Petroleum and Minerals. He is also Member of The Board of Advisors at KFUPM College of Engineering. He got his Ph.D in water processing engineering from Swansea University in 2014 where he did his research project at the Centre for Water Advanced Technologies and Environmental Research (CWATER). He has established a proven track record of industrial, research and academic experience in water treatment and desalination.

#### **Dr. Dwi Kurniawan (Institut Teknologi Nasional Bandung)**

Dr. Dwi Kurniawan is an Associate Professor and the Head of Industrial Engineering Master Program, Institut Teknologi Nasional, Bandung, Indonesia. He received his BS, MSc and Doctor from Industrial Engineering Department, Bandung Institute of Technology (ITB), Indonesia. He teaches and conducts research in production planning and

controlling, operations research and research methodology. He currently published his research in JIEM, IJMR, and in Asia Pacific Industrial Engineering and Management Society (APIEMS) conference proceedings.