

Editorial

Introducing “Turkish Journal of Electromechanics & Energy”

“From the North of Turkey to the World”

2016

We are delighted to announce the birth of Turkish Journal of Electromechanics & Energy (TJEE) which is publishing its first issue after two years long of preparation. Even though journal name is quite specific, the TJEE is intended to provide a platform for researchers at the cross-road of applied sciences from electrical engineering to mechanical engineering, materials science to physics of nature, chemistry to energy applications, etc. to share their work without limitation. The TJEE believes that dissemination of knowledge should be free-of-charge when the real owners of the work would like to share their findings with the science community. The whole TJEE staff team is of the same belief and is ready to work with self-sacrifice to this goal.

Several motivations contributed to the establishment of TJEE. The most important one is the increasing difficulty for researchers to publish their research results. Ever-changing requirements in journals regarding with manuscript preparation, long review, and submission-to-publication times are just a few of those. In addition, elevated number of submissions forced journal editors to become too-picky resulting in harsh criticism on submitted manuscript and reject those without even sending it to reviewers. Acceptance rate of received submission can be as low as 8% in some cases ^[1]. In such cases, “lack of novelty or limited contribution to the existing knowledge” is one of the most commonly used argument by editors to dismiss the manuscript at the very first glance, discouraging the authors in most cases ^[2]. TJEE would like to follow a different route; constructive criticism will be a key priority when evaluating received submissions.

As the TJEE aims to provide a common pavilion for multidisciplinary researchs and researchers, an editorial board have been formed from the experts with have different backgrounds, and interdisciplinary research experience. We thank them for accepting our invitation, invaluable suggestions and their time. The following is brief introduction of our editorial board members.



Dr. Adel Mahmoud SHARAF specialized in power electronics applications in renewable energy matters. He obtained his Ph.D in Electrical Engineering from University of Manitoba, Canada in 1979. He joined Trans-Alta Utilities Corporation (Calgary, Alberta) in 1979 as a inductive coordination and planning engineer. Dr. Sharaf was selected as an NSERC-Canada research-assistant professor in 1981 at the University of Manitobai; then he joined the University of New Brunswick in 1981 as an assistant professor. He was awarded tenure in 1986 and full professorship in 1987. Professor Sharaf

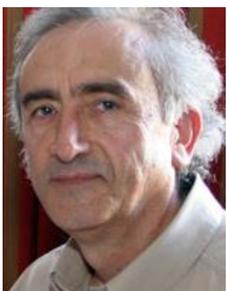
authored and co-authored over 720+ scholarly technical journals, conference papers. He also advised/supervised 50 graduate students (13 Ph.D and 37 M. Sc). He is currently president of Sharaf Energy Systems, and Intelligent Environmental Energy Systems, Incorporated, a Research and Development and Engineering, consulting companies incorporated in the Province of New Brunswick, Canada.



Dr. Muammer KOC is Director and founding professor of sustainability at Hamad Bin Khalifa University, QATAR since 2014. He held professor, director, chair and dean positions at different universities in Turkey and the USA between 2000-2014. He has Ph.D. degree in Industrial and Systems Engineering from the Ohio State University (1999) and an Executive MBA degree from the University of Sheffield, UK (2014). He has 130+ peer-reviewed journal, and conference publications; organized, chaired, and co-chaired various international conferences, workshops and seminars on design, manufacturing and product development. He has taught courses across a range of subjects, including product/process/business innovation and development; medical design and production; energy and efficiency; computer-aided engineering, design and manufacturing; modern manufacturing technologies; manufacturing system design; material forming plasticity; and the mechanical behavior of materials. His recent books are *Hydroforming for Advanced Manufacturing* (Woodhead Publishing, 2008), *Design and Manufacturing of Micro-Products* (Wiley, 2011).



Dr. Mitra DJAMAL is professor at the Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, INDONESIA. He graduated with B.Sc. degree from Institut Teknologi Bandung in 1984, and was awarded with the Doctor in Electrical Engineering (Dr.-Ing) degree by Institute of Measurement and Automation Engineering, Faculty of Electrical Engineering, Federal Armed Forces University, Munich, in 1992. He is also president of Indonesian Physical Society. He has 180+ publications in various journals and conferences. His research interests are sensors and sensor systems, smart home technologies, and mobile robots.



Dr. Yaşar DEMİREL obtained his PhD degree in chemical engineering from the University of Birmingham, UK in 1981. Prior to joining the faculty of the University of Nebraska (Lincoln, NE, USA) in 2006, he worked at the Cukurova University (TURKEY, 1982-1993), King Fahd University of Petroleum and Minerals, (SAUDI ARABIA, 1993-2000), and promoted to professor in 2000. He also carried out research and scholarly work at the University of Delaware (DE, USA, 1999-2001); and was visiting professor at Virginia Tech (Blacksburg, VA, USA, 2002-2006). His research interests include sustainable process design, simulation and optimization, energy technologies, thermodynamic analysis, technoeconomic and life cycle analyses, He is the editor-in-chief of the *International Journal of Thermodynamics* and listed in various editorial boards of international journals. Dr. Demirel authored and co-authored two books, four book chapters, and more than 160 research papers. His book titled *Nonequilibrium Thermodynamics* was published by Elsevier in 2014 in its third edition. The book titled “*Energy: Production, Conversion, Storage, Conservation, and Coupling* by Springer was published in its second edition in 2016. He has obtained several awards and scholarships, and presented invited seminars.



Dr. Ziani Djamilia REKIOUA is professor of Electrical Engineering at Université de Béjaïa, Bejaïa, ALGERIA. Her areas of interest include the control of different electrical machines including permanent magnet synchronous and induction machines. She supervises M.Sc and Ph. D students in wind, photovoltaic and hybrid applications, such as pumping and rural electrification. She is the author of *Wind Power Electric Systems - Modeling, Simulation and Control*, and co-author of *Optimization of Photovoltaic Power Systems - Modelization, Simulation and Control*, both published by Springer.



Dr. Youcef Soufi is associate professor at the Department of Electrical Engineering at Université de Béjaïa, Bejaïa, ALGERIA. He obtained B.Eng. (1991) and Doctorate degrees from the University of Annaba, and the Magister degree in 1997 from University of Tébessa, (ALGERIA) in Electrical Engineering. His current major research interests include electrical machines, diagnostic, wind and solar energy, power electronics and drives Applied to renewable and sustainable energy. He has 80+ technical papers in scientific journals and conference proceedings since 2000. He is currently in editorial board of 4 journals, and the member of technical program committee / international advisory board / international steering committee of 12 international conferences.



Dr. Halil İbrahim OKUMUŞ Associate Professor at the Department of Electrical & Electronics Engineering in Karadeniz Technical University, Trabzon, TURKEY. He received his B.Sc. degree in Electrical & Electronics Engineering from Karadeniz Technical University (KTU) and Ph.D. from Bristol University , UK, in 1992, and 2001, respectively. He is a senior Member of IEEE Power Electronics Society. He is member of the Chamber of Electrical Engineers in Turkey. His main research is intelligent control of power systems and utilization of renewable energy.



Dr. Fareeha ZAFAR Professor of Computer Science at Government College University Lahore, PAKISTAN. She earned her Ph.D in Computer Sciences specialized in mobile cellular networks from University of Derby- United Kingdom. She has been recently appointed as full professor at Department of Computer Science, University of Nigeria, Nussukka. Dr. Zafar, at present, is Research Head for Mobile & Communication Advancements. She has published 162+ journal articles and books published with Springer. She is also associate to multiple foreign Universities for ICT & business Schools in Europa, Asia, and Africa.



Dr. Eyüp Fahri KESKENLER Associate Professor at the Department of Materials Science and Nanotechnology Engineering, Faculty of Engineering, Recep Tayyip Erdoğan University. He received his B.Sc. and Ph.D. degrees in Physics from Physics Department, Atatürk University, Erzurum, TURKEY, in 2007 and 2012 respectively. His current research interests include semiconductor devices, renewable energy, and solid state physics applications on nano-materials.

We also would like to commemorate late **Prof. Hasan KARABULUT** who kindly accepted being editorial board member yet he could not see this first issue. We'll always remember his support and encouragement.

We are aware of the fact that a quality journal can not be realized without the efforts of reviewers. They will be one of our key assets; and fast, accurate, and constructive criticism will be our key concern in reviewing process to encourage the researchers to move always forward.

Finally, we very much would like to hear from you. Your suggestions, criticism are most welcome in endeavour of realizing a new journal.

We hope that you would enjoy reading our very first and upcoming issues.

With our best regards...

Editors-in-Chief



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