

## HONORARY PROFESSOR

### Prof. PAVOL BAUER, PhD, Delft University of Technology, Netherlands

Pavol Bauer is currently a full Professor with the Department of Electrical Sustainable Energy of Delft University of Technology and head of DC Systems, Energy Conversion and Storage group.

He received Masters in Electrical Engineering at the Technical University of Kosice ('85), Ph.D. from Delft University of Technology ('95) and title prof. from the president of Czech Republic at the Brno University of Technology (2008) and Delft University of Technology (2016).

From 2002 to 2003 he was working partially at KEMA (DNV GL, Arnhem) on different projects related to power electronics applications in power systems.

He published over 100 journal and over 350 conference papers in his field (with H factor Google scholar 36, Web of science 24), he is an author or co-author of 8 books, holds 6 international patents and organized several tutorials at the international conferences.

He has worked on many projects for industry concerning wind and wave energy, power electronic applications for power systems such as Smarttrafo; HVDC systems, projects for smart cities such as PV charging of electric vehicles, PV and storage integration, contactless charging; and he participated in several Leonardo da Vinci and H2020 EU projects as project partner (ELINA, INETELE, E-Pragmatic, Smart Charging, Metrology for Inductive Charging, Trolley 2.0) and coordinator (PEMCWebLab.com-Edipe, SustEner, Eranet DCMICRO). He is a Senior Member of the IEEE ('97), former chairman of Benelux IEEE Joint Industry Applications Society, Power Electronics and Power Engineering Society chapter, chairman of the Power Electronics and Motion Control (PEMC) council, member of the Executive Committee of European Power Electronics Association (EPE) and also member of international steering committee at numerous conferences.

International recognition and awards:

- Awards Most Significant Innovation in Electric Vehicles 2018
- Best Leonardo da Vinci EU Project 2011 E-pragmatic (E-learning and Practical Training of Mechatronics and Alternative Technologies In Industrial Community).
- Best Educational Tool Award: First Prize IEEE Annual Conference of IEEE Industrial Electronics Society IECON/ICELIE 2009
- Maxwell Prize from Faculty of EE Kosice in 2007

The cooperation with the Politehnica University Timișoara has started in 1993 with a TEMPUS project.



Over time he has been involved in several international research projects in which UPT has been a partner.

He supported the development of practice internships for UPT students at DC Systems, Energy Conversion & Storage Group.

Prof. Bauer has participated as a keynote speaker at the ISETC 2014 and 2018 International Symposium on Electronics and Telecommunications.

He is one of UPT's supporters and promoters at international meetings of teachers and researchers. For example, through his diligence, Romania has since 2018 a new member in the PEMC Council and efforts are being made for PEMC conference be held for the first time in Romania in 2022.