



International Workshop on « Electric Vehicle Power Propulsion »



Challenges of Electric and Hybrid Vehicles

Time and location

Monday, June 11, 2018
(8:30-17:00)

Bach Khoa University (BKU)
No. 268, Ly Thuong Kiet Street, District 10,
Ho Chi Minh City, Vietnam

Organizers

Arts et Métiers ParisTech (ENSAM) of Lille, France

Bach Khoa University (BKU), Vietnam

Technical support

Laboratory of Electrical Engineering and Power Electronics (**L2EP**), University of Lille, France
VPP Technical Committee of IEEE VTS (Vehicular technology Society)
MEGEVH, French scientific network on Hybrid Electric Vehicles, France
Department of Industrial Automation, Hanoi University of Science and Technology, Vietnam

Chairman

Professor **Eric SEMAIL**, L2EP, ENSAM, France

Co-Chairmen

Professor **Huu Phuc NGUYEN** and Professor **Quoc Dung PHAN**, Bach Khoa University, Ho Chi Minh City, Vietnam

This international workshop on the Electric Vehicle Power Propulsion (EVPP) will take place in Ho Chi Minh City, Vietnam in June 2018. The workshop aims at proposing the state-of-the-art in the fields of Electric Vehicles (EVs) and Hybrid Electric Vehicles (HEVs). New challenges of the development of EVs and HEVs will be presented and discussed by international recognized scientists. The workshop is free of charge for all attendants including industrials, researchers, Ph.D and Master students.

Workshop Agenda

Time	Contents	Speakers
8h30 – 8h45	Opening session	Dr. H. T. DO, Head of Electrical and Electronic Department, Bach Khoa University, Vietnam
8h45 – 9h00	Introduction	Prof. B. LEMAIRE-SEMAIL, L2EP, University of Lille, Lille, France
9h00 – 9h45	State-of-the-Art Hybrid Electric Vehicles	Prof. A. BOUSCAYROL, L2EP, University of Lille, Lille, France
9h45 – 10h30	CE2I program on high-integrated high-reliability traction drives	Prof. B. LEMAIRE-SEMAIL, L2EP, University of Lille, Lille, France
10h30 – 11h00	Coffee break	
11h00 – 11h25	Utility of Electric Machines for Automotive Application	Prof. H. P. NGUYEN, Bach Khoa University, Vietnam
11h25 – 11h50	Power Converters for Electric Vehicles	Prof. Q. D. PHAN, Bach Khoa University, Vietnam
11h50 – 12h35	Low Voltage Multiphase Machine Design for Automotive Application	Prof. E. SEMAIL, L2EP, ENSAM, France
12h35 – 14h00	Lunch	
14h00 – 14h45	Multiphase Drives Control under Constraints: Challenge and Opportunity	Dr. N. K. NGUYEN, L2EP, ENSAM, France
14h45 – 15h30	Motor Control and Motion Control of Electric Vehicles	Dr. C. M. TA, Hanoi University of Science and Technology, Vietnam
15h30 – 16h15	Batteries modelling for Electric Vehicles	Dr. R. GERMAN, L2EP, University of Lille, Lille, France
16h15	End of the seminar	Prof. E. SEMAIL, L2EP, ENSAM, France
16h30	Visiting platforms	Prof. Q. D. PHAN, Prof. H. P. NGUYEN, Bach Khoa University, Vietnam

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