



How to organize a carbon care conference?

Tutorial EPE 2013
Monday 2 September, 9h-12h30
Polytech'Lille (B314)

All the registration fees of this tutorial will be used to finance 2 “carbon care” projects in order to mitigate the CO₂ due to the conference EPE'13 ECCE Europe.

NAME AND AFFILIATION OF THE AUTHORS

Prof. Stéphane CLENET (Arts&Métiers ParisTech, L2EP)
Dr. Loïc CHEVALLIER (Université Lille1, L2EP)
Prof. Alain BOUSCAYROL (Université Lille1, L2EP)
Prof. Pascal MAUSSION (Université Toulouse, LAPLACE)
Mme. Charlotte SANNIER (Arts&Métiers ParisTech, Institut de Chambéry)
Mr. Xavier CIMETIERE (Ecole Centrale de Lille, L2EP)

SCOPE AND BENEFITS

This tutorial aims to give inputs for the organization of future conferences or events by reducing their ecological footprints. Some previous experiences (including EPE'13) will be discussed (organization, results, difficulties).

CONTENTS

9:00 - 10:00	I.A. General Considerations about carbon care I.B. Ecological footprints of a conference <i>(Prof. C. Clenet, Dr. L. Chevallier, Mme C. Sannier)</i>
10:00 - 10:45	II.A. Experience of IEEE-VPPC'10 <i>(Prof. A. Bouscayrol)</i> II.B. Experience of IFAC-PPPSC'12 <i>(Prof. P. Maussion)</i>
10:45 - 11:15	Coffee break
11.15 - 12:30	The carbon care action of EPE'13 III.A. <i>The 4 steps</i> : reduction, estimation, mitigation and awareness III.B. How to use the dedicated estimation tool? <i>(Dr. L. Chevallier, X. Cimetière)</i>



WHO SHOULD ATTEND

Administrative staff, students, engineers or scientists, which aim to organize more “sustainable” events in the future.

ABOUT THE INSTRUCTORS



Stephane CLENET, received Ph.D. degree in Electrical Engineering from Institut National Polytechnique de Toulouse, France, in 1994. From 1996 to 2002, he was Associate Professor at University Lille1, Sciences and Technologies, France. He has been appointed Professor in 2002 at Arts & Métiers ParisTech. His research activities focus on electromagnetic field computation and its application. He is member of carbon care committee of EPE'2013.



Alain BOUSCAYROL, received Ph.D. degree in Electrical Engineering from Institut National Polytechnique de Toulouse, France, in 1995. From 1996 to 2005, he was Associate Professor at University Lille1, Sciences and Technologies, France, where he has been a Professor since 2005. His main research activities deal with graphical descriptions for control of electrical systems including Hybrid Electric Vehicles. He was General Chair of IEEE-VPPC'10, and member of its carbon care action He is co-chair of EPE'13 and member of its carbon care committee.



Pascal MAUSSION, received PhD in Electrical Engineering in 1990 from Toulouse University, Institut National Polytechnique (France). He is currently full Professor at the University of Toulouse and researcher with CNRS research Laboratory: LAPLACE, LABORatory for PLASma and Conversion of Energy. His research activities deal with control of electrical systems. He is currently Head of Control and Diagnosis research group in the LAPLACE. He was member of the carbon care committee of IFAC-PPSC'12, Toulouse (France).



Loïc CHEVALLIER, received Ph.D. degree in Astrophysics from University Claude Bernard, Lyon, France, in 2000. He is a research engineer at L2EP, Université Lille1, since 2009. His major task is to participate to Code_Carmel3D development, which is the finite element code for solving electromagnetic problems, by L2EP and EDF R&D. He is a member of the carbon care action of EPE'13.



Xavier CIMETIERE, received the Engineer degree of Ecole Centrale de Lille in 1991. He is currently Research Engineer at Ecole Centrale de Lille (France), with research activities at L2EP Lille on power electronics and electrical system. He is in charge of the sustainable development at Ecole Centrale de Lille. He is a member of the carbon care action of EPE'13.



Charlotte SANNIER, received the Engineer degree in Electrical Engineering from ENSEM Nancy, Institut National Polytechnique de Lorraine, France, in 2005 and a ‘mastère spécialisé’ in Environmental Management and Ecodesign from ENSAM Chambéry, France, in 2006. She is currently Engineer at Institut of Chambéry, Arts&Métiers ParisTech, in the MAPIE Laboratory (Laboratoire de Modélisation, Analyse et Prévention des Impacts Environnementaux).