

Archives of the international conferences

(N.B. All presentations are available)

Speaker	Title of his / her presentation
<i>Engineering Competencies for the Future Shock - 8-9 October 2018</i>	
Marc GOOSSENS, M.Ph.Sc., SEII Secretary, Belgium	Introduction to the Conference
Nelson BAKER, Dean of Profess. Educ., GeorgiaTech, Atlanta, USA	Deliberate Innovation for Tomorrow's Lifetime Learners
Jacques SPELKENS, Head of CSR Benelux ENGIE, Belgium	New Skills and Talents for New Jobs in a Changing Economy
Léopold DEMIDDELEER, Managing Director of TechBridgeOne, Belgium	Four Engineering Profiles for two Types of Companies
Xiujun WU, Exec. Director, China Assoc. for Continuing Engineerin Education, Beijing, China	The Importance and Development of Continuing Engineering Education in China
Errol LA GRANGE, CEO, CPDlive Pty Ltd, Melbourne, Australia	Engineering a Sustainable Future - The SERINA Project
Diane MORGAN, Global Managing Director, Trilogy Education Services, London, UK	A Post-degree Bridge of the Digital Skills Gap
Yves DEVILLE, Professor, Louvain School of Engineering, UC Louvain, Belgium	Digital Transformation of Higher Education
Pierre KUNSCH, Dr.Ph.Sc., Brussels Free University, Belgium	Systemic Complexity in Decision Engineering
<i>The Promise of Energy Storage - 8 November 2017</i>	
Prof. Dr. Ir. Johan DRIESEN, Electrical Engineering Department, KU Leuven, Belgium	An Overview of the Various Storage Technologies for the Grid
Dr. Ir. Jean-Luc DELPLANCKE, Brussels Polytechnic School (4MAT), Belgium	Hydrogen and Fuel Cells : Flexible Device for Energy Storage
Dr. Ir. Sébastien BORGUET, R&D Engineer, CMI Energy, Belgium	Redox Flow Batteries to Tackle the Energy Transition : the Choice of CMI Energy
Dr. Daniel GLOESENER, Global Technical Leader, Battery Technologies, SOLVAY, Belgium	Leveraging Developments in xEV Li-ion Batteries for Stationary Applications
Prof. Dr. Momo SAFARI, University of Hasselt, Faculty of Industr. Engin. Sciences, Belgium	Lithium-ion Batteries in Electric Vehicles : Facts and Merits
Ir. Hans VANDERSYPPE, Energy Solution Manager, BU Generation, ENGIE, Belgium	Vision of ENGIE to realize Storage of Energy, using Current State of Technology
David HAVERBEKE, Regulatory Lawyer, Partner, Fieldfisher Belgium LLP	Energy Storage and Flexibility - EU and Belgian Regulatory Aspects

How Carbon Composites are revolutionizing our World - 18 November 2015

Dr. Ir. Ignaas VERPOEST, Emeritus Professor, KU Leuven, Belgium	Carbon Fibre Composites for Structural Applications : from scientific fundamentals to advanced engineering
Dr. Makoto ENDO, Toray Industries, Japan	History and Future Vision of Carbon Fibre Development
Dr. Larissa GORBATIKH, Research Expert in Composite Materials, KU Leuven, Belgium	Nano-engineered Structural Composites : opportunities and challenges
Dr. Christophe BINÉTRUY, Professor of Mechanical Engineering, Ecole Centrale de Nantes, France	The Major Role of Manufacturing Process on the Use and Properties of Carbon Fibre-reinforced Composites
Professor Dr-Ing. Axel HERRMANN, AIRBUS & University of Bremen, Germany	Challenges for the Application of Carbon Composites in Aerospace and Automotive
Dr. Ir. Claude MICHEL, Head of the Solvay Solar Impulse partnership, Belgium & France	Solar Impulse : Wings for the Future
Dr. Ir. Joris DEGRIECK, Professor of Materials Science & Engineering, Ghent Univ., Belgium	Carbon Composites for Energy-related Applications
Dr. Achilleas STALIOS, DG Research & Innovation, European Commission, Belgium	The EU Policy on Carbon Composites : highlights of actual projects and future trends

Breakthroughs in ICTs - 19 November 2014

Dr. Hugo DE MAN, Emeritus Professor KU Leuven, Sr Research Fellow IMEC, Belgium	Towards the Internet of Everything shaping Tomorrow's Society
M. Eng. Denis HICKS, Director, High Delta Ltd and EIL, UK & Belgium	ICT : what Future for the Connected Generation ?
Dr. Walter GANDER, Emeritus Professor, ETH Zürich, Switzerland	Informatics - New Basic Subject
André DE LOCHT, Brand Leader Information Management, IBM, Belgium	Runaway Innovation : reinventing the rules of engagement
Dr. Libei CHEN, Assoc. Prof. At the Louvain School of Management, Vadis SA, Belgium	Information in Big Data Area
Prof. Dr. Ir. Vincent RIJMEN, Department of Electrical Engineering, KU Leuven, Belgium	The Role of Cryptography in Cybersecurity
Ir. Paul POELMANS, Transformation Officer, SOGETI, Belgium	Different game-changing and current technology breakthroughs will force you to re-think your business : be prepared !
Christel DE MAEYER, M.Comm.Sc., Artevelde University College of Ghent, Belgium	Personal Informatics : a solution for behaviour change in preventive healthcare ?

Employability of Engineering Graduates - 13-14 March 2014

Christian JOURQUIN, former CEO of the SOLVAY Group, Belgium	Engineers : Leaders for Innovation, Integration and Direction
Franck-Stefan BECKER, former Executive at SIEMENS AG, Germany	Engineering Education - Academic Interest versus Industry Needs
Siobhán Mc GRATH, European Young Engineers, Secretary General, Ireland & Germany	Volunteering & Global Skills : a Young Engineers perspective
Marta CORTESÃO, Board of European Students of Technology, Portugal & Belgium	Engineering Education and its Impact on Young Graduates' Employability from a Students' Point of View
Professor Emeritus William GRIMSON, Dublin Institute of Technology, Vice President of Engineers Ireland	Employability of Engineering Graduates
Professor Emeritus Ian FREESTON, University of Sheffield, UK	Engineering Graduates for Employment
Professor José Ignacio GARBIZU, Dean of the "Colegio de Ingenieros Industriales de Guipuzcoa, Spain	Employability of Engineers : new challenges within a difficult economic landscape
Maria NUÑO VALDÉS, Spanish Association of Engineers of Telecommunications, Spain	Employability of Engineers : a full vision of new opportunities
Professor Massimo GUARASCIO, Materials and Environmental Engineering, University "La Sapienza", Rome, Italy	Interconnection between mobility and employability of engineers in Europe - A critical review
Professor Emeritus Iacint MANOLIU, Bucharest Technical University of Civil Engineering, Romania, and Professor Barbara KARLEUŠA, University of Rijeka, Croatia - European Council of Civil Engineering	Employability of civil engineering graduates & the Bologna process - Findings of surveys conducted by the European Council of Civil Engineering and by the EUCEET Association
Bernard REMAUD, former President of CTI (Commission des Titres d'Ingénieur), France	Lessons learnt from the accreditation of civil engineering programmes in Belgium

Shale Gas : what is at stake for Europe ? - 15 November 2013

Rudy SWENNEN, Professor of Geology at KU Leuven, Belgium	Geological Aspects of Shale Gas - Situation and Settings
Ralph SCHLÜTER, Deputy Head of the Geology & Borehole Survey of DMT, Germany	Accessing unconventional gas : overview of the technical background
Alain PRÉAT, Professor of Geology & Head of the Earth Sciences and Environment department, ULB, Belgium	What are the potential risks and drawbacks of shale gas extraction ?
Nikolaas BAECKELMANS, Director European Union Affairs, ExxonMobil, Brussels, Belgium	Potential economic impact of shale gas production in Europe
Tom DE FAUW, Senior Analyst for Unconventional Gas, GDF SUEZ, Paris, France	An industry approach to shale gas potential in Europe
Samuel FURFARI, Advisor at the DG Energy of the European Commission, Professor of the Geopolitics of Energy at ULB, Belgium	Shale gas : a game changer also for Europe ? Geopolitical inferences

Innovative Biotechnologies for Human Healthcare - 12 October 2012

Dr. Theo DINGERMANN, Director, Institute of Pharmaceutical Biology, Goethe University of Frankfurt, Germany	Setting the scene : from copying to designing
Prof. Dr. Cédric BLANPAIN, Interdisciplinary Research Institute, ULB, Belgium	Stem cells and cancer
Prof. Dr. Serge MUYLDERMANS, Lab. of Cellular and Molecular Immunology, VUB, Belgium	Nanobodies for healthcare applications
Dr. Christian HOMSY, CEO of Cardio3 Biosciences, Belgium	Manufacturing challenges of autologous cell therapies, from bench to phase 3 & beyond
Dr Désiré COLLIN, Chairman and former CEO of ThromboGenics, Belgium	From university spin-off to fully integrated specialty pharmaceutical company - The pitfalls
Dr. Jean-Paul PRIEELS, CEO of MASTHERCELL, Belgium	Immunotherapy, vaccines of the future ?
Denis DECUBBER, Director of QSAS, Belgium	GM practices and manufacturing : Dr Jekyll or Mr Hyde ?
Prof. Dr. Bruno FLAMION, Laboratory of Physiology and Pharmacology, University of Namur, Belgium	Regulatory and reimbursement authorities : policemen or drivers for therapeutic biotechnologies ?
Rudi PAUWELS, CEO of Biocartis, Switzerland and Belgium	Introduction to the Round Table discussion

Nanotechnologies - 14 October 2011

Dr. Léopold DEMIDDELEER, Exec. Vice President, New Business Board, SOLVAY, Belgium	Nanotechnologies : myth or reality
Dr. Hélène BURLET, CTO of LITEN (Lab. Innov. Technol. Nanomat.), CEA, Grenoble, France	Potential benefits of nanotechnologies for sustainable energy
Dr Jef POORTMANS, Director of the Strategic Programme at IMEC, Leuven, Belgium	Linking Nanoscale to Gigawatts : Nanotechnology in Photovoltaics
Dr. Wolfgang A. KAYSSER, Scientific Director, Helmholtz-Zentrum Geesthacht, Germany	Nanotechnology for Future Mobility
Dr. Laurent ANTONI, Laboratory Manager at LITEN, CEA, Grenoble, France	Contribution of Fuel Cells to Sustainable Transport

Les Énergies Renouvelables - 24 septembre 2020

Andrée MARZIN, Ingénieure Expert à la Direction Système de RTE, Paris, France	L'accueil des sites de production d'énergies renouvelables en Europe
Geert MAGERMAN, Renewable Manager, ELECTRABEL, Belgium	Situation de l'éolien offshore en Belgique et mécanismes de support
Eckard QUITMAN, Sales-Technical Support Department, ENERCON GmbH, Germany	ENERCON wind farms integration into power systems
Didier LÉCHAUDÉ, CEO for Renewable, ELECTRABEL, Belgium	La réalité du développement éolien en Belgique

Educating the European Engineer for the Challenges of the 21st Century

Frederik D'HULSTER, Prof. Mechan. & Industr. Design, Univ. College West-Flanders, Belgium	Introduction to the conference
Anette KOLMOS, Professor of Engineering Education, Aalborg University, Denmark	Challenges for Engineering Education : global innovation and sustainability
Mervyn E. JONES, professor at Imperial College London, UK	Issues in the 21 st Century Engineering Education
Bruno LINDORFER, Managing Director of the OÖ Technologie- und Marketinggesellschaft, Linz, Austria	The European Engineer of the 21 st Century : the Unique Tamer of the Exploding Complexity of Technological Systems of the Century
Nico DEBLAUWE, Innovation Advisor for the Belgian Flemish Governement, Belgium	Cookin an Engineering Education together : a pragmatic approach
Hervé BIAUSSER, Professor & Director of École Centrale Paris, France	Facing Globalization : how to adapt Engineering Education ?
Michel FEUTRIE, Professor of Sciences & Technology, University of Lille 1, France	Lifelong Learning : the new challenge for HEI's
Joi L. ROBERTS, Design Amnassador, MOTOROLA Consumer Experience Design, USA	Renaissance Engineer : broadening the perspective of the 21 st century Technologist

What Engineers for a Competitive Europe ?

Michel DE VLAMINCK, Talent Manager SEE, SUEZ Energy Europe, Paris, France	Build, manage and develop a career as an engineer at the heart of Suez Energy Europe
Christine TAHON, Strategic Business Unit Manager, SOLVAY Group, Belgium	Engineers : ready for the management of the future ?
Philippe VIVIEN, Senior Vice President Human Resources, AREVA, Paris, France	Shaping Engineering Talent for Business Growth
Jean-Marie GINION, President of the IBA Group, Belgium	Making a scientific career attractive is a current company mission
Edwin BÜCHTER, CEO of Clean-Laser-Systeme GmbH, Germany	What engineering skills does e high tech company need for world wide success ?
Francesco MAFFIOLI, Professor, Politecnico di Milano, Italy	Socrates-Erasmus Thematic Networks and the expectations of European Industry in Engineering Education
Daniel GRIMM, Professor & former Vice President, École Centrale de Paris, France	Ingénieur-Engineer : two words leading to many misunderstandings
Willy FUCHS, President of FEANI, Germany	The shortage of engineers in Europe : present situation & possible solutions
Miroslav VLCEK, Vice Rector Internat. Relations, Technical University Prague, Czech Republ.	Engineers : do we need early stage researchers ?