

**CESARE<sup>17</sup>**

*International Conference Coordinating Engineering for  
Sustainability and Resilience*

*Dead Sea, 3-8 May 2017*



## *KEYNOTE SPEAKERS*



**Professor Georgios E. Stavroulakis,**  
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### **Biography**

**Prof. Stavroulakis** (Civil Engineer, Aristotle University of Thessaloniki, Greece, Diploma 1985, Doctorate 1991, Habilitation on mechanics, Carolo Wilhelmina Technical University, Braunschweig, Germany 2000) is professor at the Technical University of Crete, Privatdozent for mechanics at the Technical University of Braunschweig and Prof.h.c. at Jordan University of Science and Technology. His work focuses on computational mechanics and optimization, with various applications on monuments, steel structures and smart structures. His interest in the area of auxetics started with a cooperation with his mentors, Late Professor P.D. Panagiotopoulos and P.S. Theocaris.

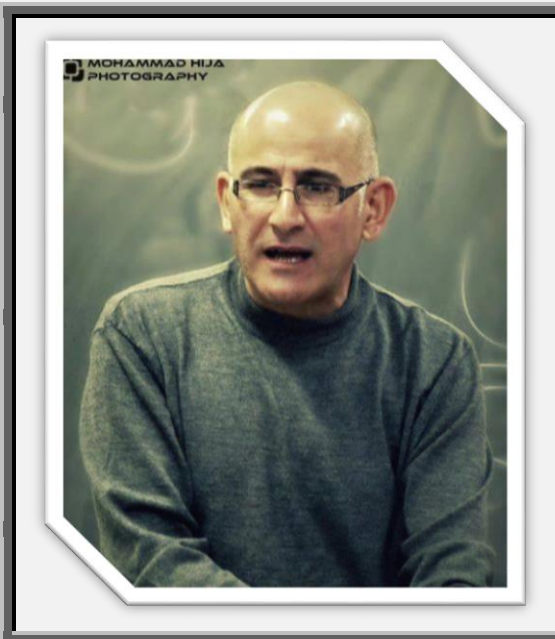
**Professor Charalampos Baniotopoulos**

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**Biography**

Dr.-Ing. **Charalampos C. Baniotopoulos (LB)** is Professor and Chair of Sustainable Energy Systems, School of Engineering, University of Birmingham, UK. He is also Visiting Professor at the Taylor's University, Malaysia and Honorary Professor at JUST, Jordan. He is the head of the group of Structural Engineering lecturing in the graduate and post-graduate program of Civil Engineering courses. The period 1998-2014 LB was Full Professor and Director of the Institute of Metal Structures, School of Civil Engineering, Aristotle University of Thessaloniki; he acted also as Deputy Head and Head of this School the period 2006-08 and 2008-10 respectively. He has been Alexander von Humboldt (AvH) Visiting Professor at the Leibniz University Hannover, Germany (2011) and HCM Visiting Researcher at the JRC-Ispra, Italy (1993-94) and AvH Researcher at the TU Aachen (1987-88). His research activity concerns topics on the analysis, design and robustness of steel, aluminum and glass structures, as well as on wind energy technology. He participated to the group that developed the Eurocode 9 and for 8 years he was member of the Administrative and the Scientific Council of the International Centre for Mechanical Sciences (CISM), Udine, Italy. He is the Chairman of the Hellenic Scientific Society of Mechanics of Wind and Aerodynamics and member of the Steel Advisory Group of the Research Fund for Coal and Steel of the EU. He has been also member of Management Committees of several COST Actions of Urban Development and Chair of the COST Action TU1304 (2014-2018). He coordinated as project leader more than 50 research project funded by the EU, Hellenic Research Secretariat and industry, whereas he is the author/editor of 17 scientific books and author/co-author of more than 300 scientific papers in international peer-reviewed journals and conference proceedings.



### Professor Mohammad Ahmad Al-Nimr

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#### Biography

Professor Moh'd Ahmad Al-Nimr received his Ph.D. (1991) in Mechanical Engineering from the University of Michigan/Ann Arbor - USA. He then joined the faculty of Mechanical Engineering at Jordan University of Science and Technology, Jordan, where he has been teaching undergraduate and graduate courses in Energy and Thermal Power while conducting research. He has published about 264 articles in different fields of energy (energy storage, generation, conversion, management, saving, renewable, etc.) and in the areas of heat transfer (macro and micro-scale heat transfer, heat transfer in porous media, thermal and hydrodynamics behavior of micro-channels, etc.). He was elected as a TWAS Fellow (2016). He was awarded the World Academy of Sciences Award (TWAS) in Engineering Sciences (2013), the Khalifa Award for Education in the category of Distinguished University Professor in the Field of Scientific Research (2012), the Khwarizmi International Award (2012), King Abdullah II Award for Innovation (2010), Scopus Award for Distinguished Researchers (2009), the Jordanian Ministry of Higher Education and Scientific Research Award for the Distinguished Researchers in Engineering (2006), the Abed-Alhameed Shoman Award for Arab Scientists (1994), the Jordan University of Science and Technology medal for distinguished scientific and academic achievements three times (1997, 2006, 2015), the Hisham Hijjawi Award (2003), the Ali Mango Award for Distinguished Researcher in Jordan (2012), the Khalil Al-Salem - Philadelphia University Award for the best research paper in Renewable Energy (2014) and many others. He worked many times as an expert in evaluating the EU projects of Tempus, FP7 and Erasmus Mundus programs. He acted as an Editor of Energy Conversion and Management, Elsevier during the period 2011-2012. He acted as an Editor-in-Chief of International Journal of Applied Engineering Research for 3 years (2005-2008). Besides, he is acting now as an Associate Editor for 12 other journals such as Energy-The International Journal, Int. J. Thermophysics, Jordanian Journal of Mechanical and Industrial Engineering, The Open Thermodynamics Journal, Journal of Thermodynamic, International Journal of Engineering and many others. He participated in the international committees of more than 55 international scientific conferences.