



4<sup>th</sup> International Symposium on  
**E**nergy **C**hallenges & **M**echanics  
- working on small scales

11-13 August 2015  
Aberdeen, Scotland, UK

## Speaker of Session 02

### PHOTOVOLTAICS



Dimitre Dimitrov  
Associate Professor  
Institute of Optical Materials and Technologies  
Researcher  
Institute of Solid State Physics,  
Bulgarian Academy of Sciences  
Bulgaria

Dr. Dimitre Dimitrov received his MS and PhD in Chemical Engineering and Materials Science from the University of Chemical Technologies and Metallurgy, Sofia, Bulgaria in 1981 and 1989 respectively. During the PhD studying and after that he was involved in research on the preparation of thin film materials for phase-change optical recording. Later he was working on the crystallization kinetics of amorphous thin films at the Institute of Optics, Madrid, Spain. Dr. Dimitrov later was visiting associate professor at NCTU, Taiwan and then for 10 years researcher at Industrial Technologies Research Institute (ITRI) Taiwan where he was working on rewritable optical disks (DVD, blu-ray), PCRAM and then on crystalline silicon solar cells. Currently he is working in the Institute of Optical Materials and Technologies and Institute of Solid State Physics, both at the Bulgarian Academy of Sciences. His current research interests are on nanomaterials for photovoltaics, 2D materials, and ALD. Dr. Dimitrov is author/co-author of 11 patents/ patent applications and 50 research papers.

