



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



Dr. Rachel Yerushalmi – Rozen  
The Stanley D. and Nikki Waxberg professorial chair in  
Advanced Materials  
Dept. of Chemical Engineering  
Ben-Gurion University of the Negev, Beer-Sheva  
Israel

Dr. Yerushalmi – Rozen investigates of the behaviour and properties of matter on the meso and nano scale with special emphasis on interfacial phenomena, self-organization and expressions of synergetic behaviour. Her recent studies include the effect of carbon nanotubes on the crystallization of conjugated polymers, dispersion of carbon nanotubes in

organic solutions of polythiophene derivatives, the design preparation and characterization of functional nano-fibers based on conjugated polymers- fullerenes - carbon nanotubes, via electro-spinning for photovoltaic applications.

