

Ahmed Al-Salaymeh

- Keynote Title:

Renewable Energy: Challenges and Opportunities: Energy Storage Systems and Smart Meters

- Biography:

Prof. Ahmed Al-Salaymeh is a professor at the Mechanical Engineering Department, School of Engineering, The University of Jordan, Amman-Jordan. Director and founder of the Renewable Energy Master Program at the University of Jordan. Also, the director and founder of Environmental Technology and Climate Change Master Program at the University of Jordan. Ex-Director of Water, Energy and Environment Center at the University of Jordan. Also, Ex-Director of Energy Center at the University of Jordan. A former chairman of the Mechanical Engineering Department at the University of Jordan. Currently, Prof. Al-Salaymeh is the dean of the National University College of Technology.

A Ph.D. degree from the Institute of Fluid Mechanics, Friedrich Alexander Universität Erlangen-Nürnberg, Erlangen-Germany in April 2001. M.Sc. and B.Sc. degrees with honor from Mechanical Engineering Department at the University of Jordan. Having special interest in Fluid Mechanics, Turbulence Flow, Two-Phase Flow, MEMS, Micro pumps, Energy, Energy Efficiency, and Renewable Energy such as Solar Energy, Wind Energy and Biomass. Also, Prof. Al-Salaymeh has good research in the area of Thermal flow Sensors (Patent registered in Germany), Flow-Measurement Techniques such as Hot-Wire Anemometer (HWA) and Laser-Doppler Anemometer (LDA), and Turbulence Phenomena. Having many papers in the international Journals and an active in participating in many scientific conferences. Prof. Al-Salaymeh participated in many national and international workshops in the field of the Solar Energy, Photovoltaic, Biomass and Bio fuel in addition to the water management.

Prof. Al-Salaymeh is Certified Energy Manager (CEM) and Certified Carbon Reduction Manager (CRM). Authorized trainer for the Association of Energy Engineer-AEE, USA. Team member / Reviewer for Environmental, health and safety of Cadmium Telluride (CdTe) Photovoltaic Technology and evaluator for the First Solar PV production facility.

Prof. Al-Salaymeh organized and chaired the second, third, fourth, fifth and sixth Global Conference of Renewable Energy and Energy Efficiency for Desert Regions (GCREEDER) in April 2009, April 2011, September 2013, April 2016 and April 2018. He supervised many B.Sc., M.Sc. and Ph.D. students who conducted their research in the field of fluid mechanics and renewable energy. Also, Prof. Al-Salaymeh is a coordinator for many EU tempus and Erasmus plus projects which are related to energy, environment, and sustainability.