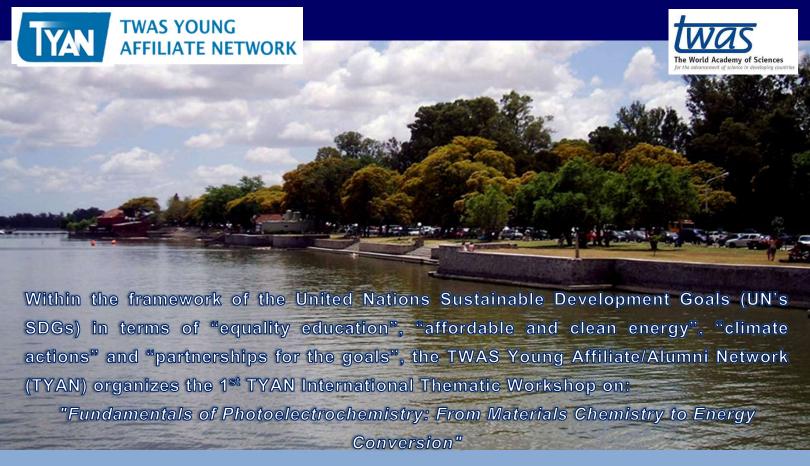
1st TYAN International Thematic Workshop

"Fundamentals of Photoelectrochemistry: From Materials Chemistry to Energy Conversion"

> 23th -27th April, 2018 Instituto Tecnológico de Chascomús (INTECH), Chascomús, Argentina



ORGANIZING COMMITTEE:

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GOALS:

focused This thematic workshop photoelectrochemistry combining is on concepts advanced materials. photochemical electrochemical of and Photoelectrochemistry plays a pivotal role in developing renewable energy conversion and storage technology. The main goals of the workshop are:

- to update the concepts and to share recent success in solar energy conversion.
- to initiate joint research projects among TYAN members from different continents and local colleagues.
- to establish a network of interactions with synergistic research relationships.
- to build capacity on renewable energy in developing countries.

TOPICS:

- Basic electrochemistry and photochemistry (an introductory approach)
- Introduction to photoelectrochemistry
- Optical and electrical properties of the Interfaces
- Bioinspiration and key processes
- Advanced materials to energy conversion
- Renewable energy production
- Artificial photosynthesis, solar hydrogen generation, etc.

SPEAKERS:

- Ronald Vargas (Venezuela, TYAN, TWAS-ROLAC, (Photo)Electrochemistry)
- Franco M. Cabrerizo (Argentina, CONICET, TYAN, TWAS-ROLAC, Photochemistry)
- Mirabbos Hojamberdiev (Uzbekistan, TYAN, TWAS-ROCASA, Materials Chemistry)
- Amal Amin Ibrahim (Egypt, TYAN, TWAS-ARO, Nanotechnology)
- Nageh Allam (Egypt, TYAN, TWAS-ARO, Energy Conversion)
- Adewale Adewuyi (Nigeria, TYAN, TWAS-ROSSA, Nanomaterials)
- Mahesh Kumar (India, Global Young Academy (GYA), Microelectronics)

PARTICIPANTS:

The workshop is open to doctoral/postdoctoral students and researches from public and private sector, subject to approval by the Organizing Committee.

Interested applicants should submit a letter of motivation to ronaldvargas@usb.ve.

Deadline for applications ends on 16 March, 2018

