

Conference on Water Splitting 24-26/11/13 Schulich Faculty of Chemistry, Technion

Invited speakers:

N. Adir

A. Aukauloo

A. Coutsolelos

E. Gibson

G. Knör

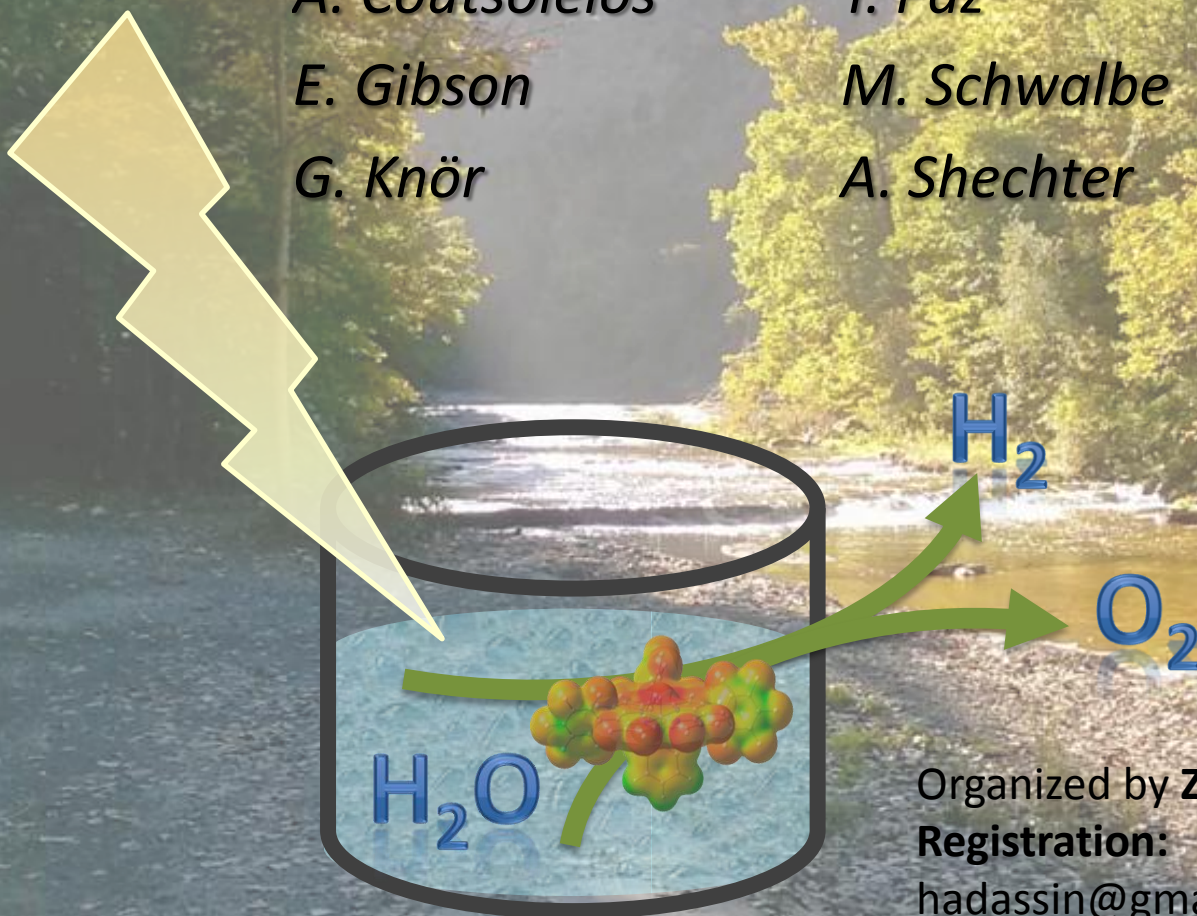
A. Mahammed

R. Neumann

Y. Paz

M. Schwalbe

A. Shechter



Organized by **Zeev Gross**
Registration:
hadassin@gmail.com

Corroles and Porphyrins as lead structures for the design of efficient water splitting catalysts

Schulich Faculty of Chemistry, Technion

Sunday, November 24	
16:30-18:00	Registration
18:00-19:00	Opening Lecture: From water to hydrogen: the structure of Photosystem II reveals the potential to produce clean energy <i>Noam Adir, Technion, Israel</i>
19:00-20:30	Dinner
Monday, November 25	
8:30-8:40	Greetings of- <i>Dean of Schulich Faculty of Chemistry, Prof. Alon Hoffman</i> <i>Head of the Grand Technion Energy Program, Prof. Gideon Grader</i>
8:40-9:10	Water and hydrogen peroxide activation with corrole compounds <i>Matthias Schwalbe, HU Berlin, Germany</i>
9:10-9:40	Artificial Photosynthetic NADH Production with Robust Water-soluble Tin(IV)-Hydroporphyrins: An efficient Substitute for native Photosystem I <i>Günter Knör, University of Linz, Austria</i>
9:40-10:10	Cobalt Corroles as Catalysts for Hydrogen Production from Water <i>Atif Mahammed, Technion, Israel</i>
10:10-10:20	Coffee break
10:20-10:50	Photocatalytic Hydrogen Production from a noble metal free system based on Zn porphyrin, Zn corrole and cobaloxime <i>Athanassios Coutsolelos, University of Crete, Greece</i>
10:50-11:20	Dipyrrin based tetradentate ligands: Mn(III) complex: synthesis, electrochemistry, spectroscopic characterisation and reactivity <i>Ally Aukauloo, University Paris-Sud, France</i>
11:20-11:30	Round table discussion with the five speakers
11:30-19:00	North Israel sightseeing tour and dinner (COST members)

Tuesday, November 26

8:30-9:00	Porhyrin and Bodipy-sensitized Photocathodes for Solar energy conversion <i>Elisabeth Gibson, Uni Nottingham, UK</i>
9:00-9:30	A High Valent Dicobalt-μ-oxo Polyoxometalate Compound – A Potent Species for Water Oxidation <i>Ronny Neumann, Weizmann Institute of Science, Israel</i>
9:30-10:00	Novel Non-Platinum Oxygen Reduction Catalysts and Their Application in electrochemical Energy Conversion Devices <i>Alex Shechter, Ariel University, Israel</i>
10:00-10:30	Photocatalytic water splitting versus photocatalytic degradation of pollutants <i>Yaron Paz, Technion, Israel</i>
10:30-13:00	Tour of the Technion sculptures
13:30-14:00	Lunch at the Technion faculty restaurant