

International Workshop on Photovoltaic and Hydrogen Energy Technologies

Nelson Mandela University, Port Elizabeth, South Africa

28 – 31 July 2019

Topics:

CPV, Hydrogen technologies, materials characterization, renewable energy prospects

Draft programme:

Sunday, July 28: 14:00 - Game Drive; 17:00 - Icebreaker

Monday, July 29: Opening and Talks

Tuesday, July 30: Talks

Wednesday, July 31: Talks and Closure

Provisional list of speakers:

Helmholtz-Zentrum Geesthacht, Germany

Thomas Klassen: Materials for Hydrogen Technology

Mauricio Schieda: Photoelectrochemical Hydrogen Generation

Ragle Raudsepp: Scanning Probe Electrochemical Microscopy

Charline Wolpert: Aerosol-Spraying of Photoactive Surfaces

Julian Jepsen: Implementation of Metal Hydride Storage Technology

Fraunhofer Institute for Solar Energy Systems ISE, Freiburg, Germany

Frank Dimroth:

Centre for HRTEM, Nelson Mandela University, Port Elizabeth

Jan Neethling: Advanced Materials Research Facilities in South Africa

Jaco Olivier: Applications of atomic resolution TEM

Physics Department, Nelson Mandela University, Port Elizabeth

Ernest van Dyk: Overview of CPV research over past 20 years

Freddie Vorster:

Andre Venter:

Ross Schultz:

Ross Dix-Peek:

Rheinard Botha and Nyasha Suliali: TiO₂ nanotubes – applications and synthesis

Magnus Wagener

iThemba LABS, South Africa

Christopher Mtshali: Preparation and characterization of Ti-Pd multilayer thin films for hydrogen storage application.

University of the Western Cape, South Africa

Sylvain Halindintwali:

Christian-Albrechts-University of Kiel, Germany

Wolfgang Jaeger: TEM for development of solar cells

SkyLark.Solutions, Germany

Wilfried Lerch:

South African PV groups:

CSIR Energy Centre

Solar Energy Research Group, UP

CRSES, University of Stellenbosch

SARETEC

SANEDI

Trade and Industry: