

PROGRAM AT GLANCE - ICOSES'25							
DAY 1 / 24, APRIL 2025							
TIME ZONE		WELCOME AND INTRODUCTION / ICOSES'25					
	08:30-09:00	Prof. Ahmed Ennaoui (Prof. NN, (5MIN) Prof. NN, (5MIN)	5MIN)				
P L E N A R Y S E S S I O N (DURATION 30MIN. INCL. Q/A DISCUSSION)							
	09:00-09:30		 Prof. Youssef Belmabkhout, Mohammed VI polytechnic University (UM6P), Applied Chemistry and Engineering research (ACER) Centre of Excellence (CoE) <u>Title:</u> Advanced concepts for adsorptive based gas/vapor separations/purification with different degree of complexity. Air Capture as a case study <u>Moderator:</u> Prof Ahmed Ennaoui, and Prof. Abdelilah Benyoussef, NN 				
	09:30-10:00 10:30-11:00		Prof. Mohammad Khaja Nazeeruddin, Swiss Federal Institute of Technology in Lausanne, EPFL, Switzerland. <u>Title:</u> Stable and Efficient Perovskite Solar Cells and Modules by Compositional and Interface Engineering <u>Moderator:</u> Prof. Youssef Belmabkhout, Prof Ahmed Ennaoui, NN				

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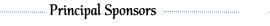


DAY 2 / 25, APRIL 2025					
PLENARY SESSION (DURATION 30MIN. INCL. Q/A DISCUSSION)					
	09:00-09:30		Prof. Ivan Gordon , Department Director IMOMEC at imec/Energyville - Vice-Director IMO at Hasselt University Professor Digital Photovoltaics at TU Delft.		
	10:00-10:30		<u>Title:</u> Crystalline-Silicon solar cells: State-of-the-art and future challenges <u>Moderator:</u> Prof. Mohamed Azeroual, Prof. Charaf Hajjaj, NN		
	09:30-10:00		Prof. Saleh Khamlich, Research Centre of Excellence, UM6P - Mohammed VI Polytechnic University <u>Title:</u> Nanofluids and Their Advances Towards Renewable Energy Applications <u>Moderator:</u> Prof. Mohamed Azeroual, Prof. Charaf Hajjaj, NN		
	10:00-10:30		Dr. Mounia Karim , Senior Researcher in Solar Energy and Zero Carbon, University of Derby, Angleterre, Royaume-Uni.		
	10:00-10:30		<u>Title:</u> Local community acceptability of Solar power plants: Challenges and Opportunities? <u>Moderator:</u> Prof. Abdella f Bouaichi, Prof. Mohamed Azeroual, NN		
SESSION FOR PARTICIPANTS / 10:30-12:00					





P L E N A R Y S E S S I O N (DURATION 30MIN. INCL. Q/A DISCUSSION)				
	14:00-14:30 15:00-15:30		Prof. Thomas Hannappel, Head of the department "Fundamentals of Energy Materials" Dean of the Master course "Renewable Energy Techniques" at the Institute of Physics, Technische Universität (TU) Ilmenau <u>Title</u> : Critical points of III-V semiconductor device structures for sustainable photoelectrochemical solar fuels production <u>Moderator: Prof Ahmed Ennaoui, Prof. Abdelilah Benyoussef, NN</u>	
	14:30-15:00		Prof. Laila Mandi, International Institute for Sustainable Transition in Africa, Marrakech, Morocco Faculty of Sciences Semlalia, Cadi Ayyad University, Marrakech, Morocco. <u>Title:</u> Water Resources and Sustainability: Towards a Greener Future Moderator: Prof. Alae Azouzoute, NN, NN	
	15:00-15:30		Prof. Ismael Saadoune, Mohammed VI Polytechnic University, Applied Chemistry & Engineering Research, Morocco. <u>Title:</u> Recent Progress in Li- and Na- Phosphate-Based Electrodes for High- Efficiency Li- & Na-Ion Batteries <u>Moderator:</u> Prof. Abdella f Bouaichi, Prof. Charaf Hajjaj, NN	
SESSION FOR PARTICIPANTS / 15:30-17:00				















Dr. Greg P. Smestad, PI at Sol Ideas Technology Development, California / Editor Emeritus for Solar Energy Materials and Solar Cells

<u>Title:</u> Solar Energy-Related Engineering and Entrepreneurship in Emerging Market Countries.

Moderator: Dr. Leonardo Micheli, NN, NN

WRAP-UP AND TAKEAWAY (20 MIN.) / ALL KEYNOTE SPEAKERS PRESENT

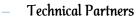
SESSION FOR PARTICIPANTS / 17:30-19:00

END OF THE SECOND DAY

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DAY 3 / 26, April 2025

PLENARY SESSION (DURATION 30MIN. INCL. Q/A DISCUSSION)

Keynote of, Prof. Leonardo Micheli



Prof. Leonardo Micheli, "Rita Levi Montalcini" Assistant Professor (RTDB) Dept. of Astronautical, Electrical and Energy Engineering (DIAEE) Sapienza University of Rome, Italy

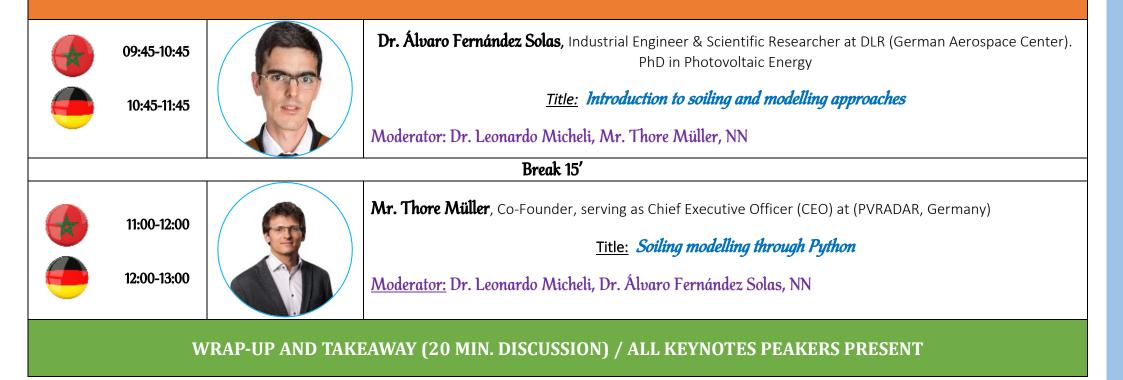
<u>Title:</u> Large-scale impacts of dust storms on the national photovoltaic capacity

Break 15'





TWO HOURS WORKSHOP ON MODELING SOILING: STATUS, RESOURCES, AND CHALLENGES



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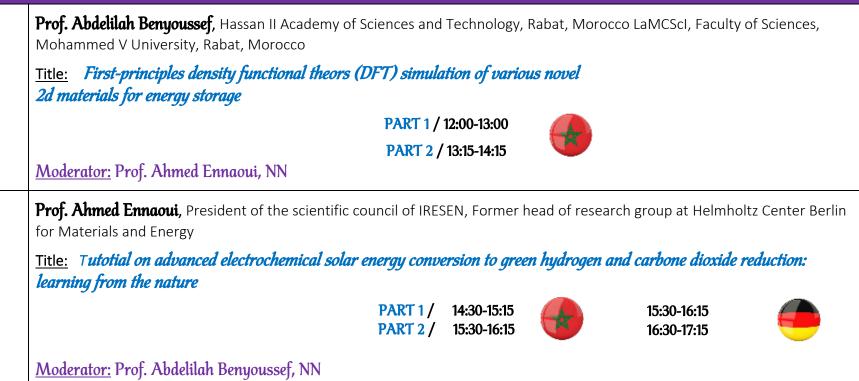






TWO HOURS TUTOTIAL ON FIRST-PRINCIPLES DENSITY FUNCTIONAL THEORS (DFT) SIMULATION OF VARIOUS NOVEL 2D MATERIALS FOR ENERGY STORAGE AND ADVANCED ELECTROCHEMICAL SOLAR ENERGY CONVERSION TO GREEN HYDROGEN AND CARBONE DIOXIDE REDUCTION: LEARNING FROM THE NATURE





WRAP-UP AND TAKEAWAY (20 MIN. DISCUSSION) / ALL KEYNOTES SPEAKERS PRESENT



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INDUSTRY TALK PANEL

Moderator: Dipl. Ing. Badr IKKEN



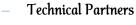
16:35 - 18:35



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Break (10 min)					
	Dr. Samir Rachidi, Managing Director, Institut de Recherche en Énergie Solaire et Énergies Nouvelles (IRESEN) <u>Title:</u>				
	Ms. Najlae Yazghi , Managing Director Siemens Gamesa & Siemens Energy Morocco <u>Title:</u>				
	Mr. Reda Hamedoun, Executive Vice President at NAREVA HOLDING <u>Title:</u>				
	END OF THE THIRD DAY				
	END OF 1COSES'25 CONFERENCE				
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