



TÜBA-TOBB ETÜ 3RD ENERGY CONFERENCE 2018

Turkey's Energy Policies, Problems and Proposed Solutions

Necdet PAMİR

Atılım University, Ankara, Turkey
Cyprus International University, Nicosia, North Cyprus

Development of Nuclear Energy in Brazil and the Role of Computational-Analytical Simulation

Prof. Renato Machado COTTA

COPPE/UFRJ, Federal University of Rio de Janeiro, Rio, Brazil

Shock and Adiabatic Compression Ignitions of Inhomogeneous Gas and Two-phase Flows

Prof. Oleg PENYAZKOV

A.V. Luikov Heat and Mass Transfer Institute, Minsk, Belarus

The Present and Future of Geothermal and Wind Energy in Turkey

Ali KARADUMAN

CEO of Mogan Energy Investment Holding Co. Inc., Turkey

Minichannels: A Physical Characterization Based on Specific Convective Scales

Prof. Jacques PADET

Emeritus Professor, University of Reims, France

New Paradigms in Innovative Energy Solutions

Prof. İbrahim DİNÇER

University of Ontario Institute of Technology, Ontario, Canada
Yildiz Technical University, Istanbul, Turkey

Solar Hydrogen Generation from Nano-structured Semiconductors

Assoc. Prof. Nurdan DEMİRCİ SANKIR

TOBB University of Economics and Technology, Ankara, Turkey

Hydrogen and PEMFCs Related Research Activities

Prof. Mehmet SANKIR

TOBB University of Economics and Technology, Ankara, Turkey

Wind Energy and Wind Turbine Technology: Current Challenges and Future Trends

Prof. Oğuz UZOL

Director of METUWIND Center for Wind Energy Research, Middle East Technical University, Ankara, Turkey

Assoc. Prof. Nilay SEZER UZOL

METUWIND Center for Wind Energy Research, Middle East Technical University, Ankara, Turkey

Hydroelectric Power Plant Design, Manufacturing and Tests: Challenges and Capabilities in Turkey

Prof. Selin ARADAĞ ÇELEBİOĞLU

TOBB ETU Hydro Energy Research Center (ETU HYDRO), TOBB University of Economics and Technology, Ankara, Turkey

Program:

Day 1		
Time	Title	Speaker
09:00 – 09.45	Registration	
Opening Session Chair: Assoc. Prof. Murat Kadri AKTAŞ		
10:00 – 10:15	Opening Speeches	Prof. Sadık KAKAÇ Rector Prof. Güven SAK TÜBA
Session – 1 Chair: Assoc. Prof. Murat Kadri AKTAŞ		
10:15 – 11:00	Turkey's Energy Policies, Problems and Proposed Solutions	Necdet PAMİR Atılım University Cyprus International University
11:00 – 11:15	Coffee Break	
11:15 – 12:00	Development of Nuclear Energy in Brasil and the Role of Computational-Analytical Simulation	Prof. Renato Machado COTTA COPPE/UFRJ, Federal University of Rio de Janeiro
12:00 – 13:30	Lunch Break	
Session – 2 Chair: Prof. Selin ARADAĞ ÇELEBİOĞLU		
13:30 – 14:15	Shock and Adiabatic Compression Ignitions of Inhomogeneous Gas and Two-phase Flows	Prof. Oleg PENYAZKOV A. V. Luikov Heat and Mass Transfer Institute
14:15 – 15:00	The Present and Future of Geothermal and Wind Energy in Turkey	Ali KARADUMAN Mogan Energy Investment Holding Co. Inc.
15:00 – 15:15	Coffee Break	
Session – 3 Chair: Assoc. Prof. Ali BOZBEY		
15:15 – 16:00	Minichannels: A Physical Characterization Based on Specific Convective Scales	Prof. Jacques PADET University of Reims
16:00 – 16:45	New Paradigms in Innovative Energy Solutions	Prof. İbrahim DİNÇER University of Ontario Institute of Technology Yildiz Technical University
16:45-17:00	Closing Session	

Place: TOBB University of Economics and Technology Sogutozu, ANKARA

October 22-23, 2018

Time: 10:00 AM Social Facilities / Saloon 3

Day 2		
Time	Title	Speaker
Opening Session – Chair: Assoc. Prof. Nilay SEZER UZOL		
10:00 – 10:15	Opening Speech	Dean Prof. Murat ALANYALI
Session – 1 Chair: Assoc. Prof. Nilay SEZER UZOL		
10:15 – 11:00	Solar Hydrogen Generation from Nano-structured Semiconductors	Assoc. Prof. Nurdan SANKIR TOBB University of Economics and Technology
11:00 – 11:15	Coffee Break	
11:15 – 12:00	Hydrogen and PEMFCs Related Research Activities	Prof. Mehmet SANKIR TOBB University of Economics and Technology
12:00 – 13:30	Lunch Break	
Session – 2 Chair: Assoc. Prof. Nurdan DEMİRCİ SANKIR		
13:30 – 14:15	Wind Energy and Wind Turbine Technology: Current Challenges and Future Trends	Prof. Oğuz UZOL Assoc. Prof. Nilay SEZER UZOL Middle East Technical University METUWIND Center for Wind Energy Research
14:15 – 15:00	Hydroelectric Power Plant Design, Manufacturing and Tests: Challenges and Capabilities in Turkey	Prof. Selin ARADAĞ ÇELEBİOĞLU TOBB University of Economics and Technology TOBB ETU Hydro Energy Research Center (ETU HYDRO)
15:00 – 16:00	Visit to TOBB ETU Hydro Energy Research Center (ETU HYDRO)	

Organizing Committee:

Prof. Sadık KAKAÇ
 Prof. Yücel ERCAN
 Prof. Selin ARADAĞ ÇELEBİOĞLU
 Assoc. Prof. Murat Kadri AKTAŞ
 Assoc. Prof. Nurdan DEMİRCİ SANKIR
 Assoc. Prof. Ali BOZBEY

Secretariat:

Berk ÇEVİRİM
 Elçin Ceren YALDIR
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 Ufuk KAYABAŞI
 Yağmur Tuğba ÜNAL