

2022 APRIL 23 SAT.

# TAIWAN-TURKEY COMBUSTION MEETING ON NET-ZERO TECHNOLOGY



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## Organizer

- National Cheng Kung University, Taiwan
- National Formosa University, Taiwan
- Combustion Institute of Taiwan
- Combustion Institute of Turkey

## Co-Organizer

- Energy Program of Dept. of Eng. and Technologies, MOST
- Thermal Source and Fluid Dynamics Program of Dept. of Eng. and Technologies, MOST
- National University System of Taiwan
- Changhua-Yunlin-Chiayi Universities and Colleges Alliance

Taiwan Time	Turkey Time	Activity	
16:30   16:40	11:30   11:40	<b>Welcome Remarks and Delegates Introduction</b> <ul style="list-style-type: none"> <li>• Prof. Shou-Yin Yang/ Chair, Combustion Institute Taiwan Section</li> <li>• Prof. Hakan Serhad Soyhan/ Chair, Combustion Institute Turkish Section</li> <li>• Mr. Chin Yen Huang/ Representative, Taipei Economic and Cultural Mission in Ankara</li> <li>• Mr. Muhammed Berdibek/ Representative, Taipei Türk Ticaret Ofisi</li> <li>• Prof. Shu-San Hsiau/ Chair, Energy Program of Dept. of Eng. and Technologies, MOST</li> </ul>	
16:40   16:56	11:40   11:56	<b>Prof. Kuang C. Lin/ Eng. &amp; System Science, NTHU</b> Topic: Combustion mechanism and CFD investigation of methyl isobutanoate as a component of biodiesel surrogate	<b>Prof. Hakan Serhad SOYHAN/ Mechanical Eng., SAKARYA</b> Topic: Reduction techniques for Detailed Chemistry
16:56   17:12	11:56   12:12	<b>Prof. Hsin-Yi Shih/ Mechanical Eng., CGU</b> Topic: H <sub>2</sub> /CO Syngas Diffusion Flames and Combustion Application in Micro Gas Turbines	<b>Prof. Mustafa İLBAŞ/ Energy Systems Eng., GAZI</b> Topic: Combustion of Hydrogen-Rich Gaseous Fuels: Colorless Distributed Combustion (CDC) Technique
17:12   17:28	12:12   12:28	<b>Prof. Ming-Hsun Wu/ Mechanical Eng., NCKU</b> Topic: Catalytic & Electrolytic Decompositions of "Green" Ionic Liquid Monopropellants for Space Propulsion	<b>Assoc. Prof. Hasan Bedir/ Mechanical Eng., BOUN</b> Topic: Turbulent Combustion Modeling of Fuels with LS2T
17:12   17:44	12:28   12:44	<b>Prof. Yueh-Heng Li/ Aerospace Eng., NCKU</b> Topic: Synergetic combustion behavior of aluminum and coal addition in hybrid iron-methane-air premixed flames	<b>Assoc. Prof. Feyza Kazanç ÖZERİNÇ/ Mechanical Eng., METU</b> Topic: Synergetic combustion behavior of biomass and coal blends
17:44   18:00	12:44   13:00	<b>Prof. Chin-Yung Wu/ Aerospace Eng., NCKU</b> Topic: Effect of MIL-100(Fe) on the Thermal Decomposition of Nitrate	<b>Asst. Prof. Dr. İsmail ALTIN/ Naval Architecture and Marine Eng., KTU</b> Topic: Hydrogen in IC Engines
18:00   18:30	13:00   13:30	<b>Discussion &amp; Closing</b>	