ENERGY
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2nd Edition

THE FUTURE ENERGY SUMMIT

March 02-04, 2026

DoubleTree by Hilton
Houston Intercontinental Airport Hotel

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DAY-1

Monday, March 2, 2026
In Person

07:45-08:15 Registrations & Badge Pickup
08:15-08:30 Introduction & Welcome Remarks

Plenary Presentations

Moderator: **Charles Sprouse III**, Benedictine College, Atchison, KS

Efstathios E. Michaelides, Texas Christian University, Fort Worth, TX **08:30-09:10**

Title: The Sustainability Conundrum

Biography: Professor Stathis (Efstathios E.) Michaelides is the Tex Moncrief Chair of Engineering at Texas Christian University (TCU). He has previously served in senior academic leadership roles at the University of Texas at San Antonio, University of North Texas, Tulane University, and the University of Delaware, including department chair, associate dean, and founder/director of the NSF-supported Center on Simulation, Visualization and Real-Time Computing (SiViRT). He holds a B.A. (Honors) from Oxford University and M.S. and Ph.D. degrees from Brown University. Professor Michaelides is a recipient of numerous prestigious honors, including the ASME Edwin E. Church Medal (2021) and the ASME James Harry Potter Gold Medal for distinguished contributions to thermodynamics and engineering education. A Fellow of ASME and ASTFE, he has authored 180+ journal papers, 350+ conference contributions, and 9 books on energy and multiphase flow, and currently serves as Editor of the Journal of Non-Equilibrium Thermodynamics.

Ayfer Veziroglu, President-International Association for Hydrogen Energy Miami, FL **09:10-9:50**

Title: Highlights the Latest in Hydrogen Technologies, Policy Shifts, and the Path Toward a Sustainable Energy Future

Biography: Ayfer Veziroğlu is a renowned expert in hydrogen transportation systems and currently serves as the President and CFO of the International Association for Hydrogen Energy (IAHE). She holds a Ph.D. in hydrogen-powered transportation systems from Instituto Superior Técnico in Lisbon, Portugal, completed in 2013. She has made significant contributions to the field, publishing extensively on hydrogen energy and delivering numerous talks at international conferences. In addition to her leadership role at IAHE, she is the president of the Hydrogen Energy Publication, the financial manager for the International Journal of Hydrogen Energy, and a trustee for the Turhan Nejat Veziroglu World Hydrogen Energy Trust. She earned her Bachelor of Science in International Business and Marketing from Marmara University in Istanbul, Turkey, in 1999.

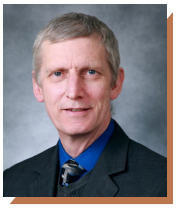
Dharendra Yogi Goswami, University of South Florida Tampa, FL **09:50-10:30**

Title: Solar Environmental Applications and Emerging Innovations

Biography: D. Yogi Goswami is a Distinguished Professor and Director of the Clean Energy Research Center at the University of South Florida. He is the Editor-in-Chief of Solar Compass, journal of the International Solar Alliance and Emeritus Editor-in-Chief of the Solar Energy journal. Within the field of energy he has published 25 books, more than 400 papers, and holds 43 patents. Professor Goswami has made transformative contributions to the field of Solar Energy, including Thermodynamic Power Cycles, and Solar photocatalytic Detoxification and Disinfection of Air and Water. He developed a new combined Power and Cooling Cycle, now known as the Goswami Cycle, which has resulted in global research in a new class of Combined Cycles with multiple outputs. He pioneered the development of photo-electrochemical oxidation (PECO) technology for disinfection of air, which is now available commercially. He has now developed the next generation Photonic technology to disinfect and detoxify the indoor air. Products based on this invention are helping allergy and asthma sufferers.

10:30-10:50 Networking Break

Keynote Presentations

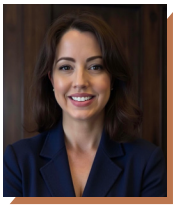


Leslie M. Gioja, University of Illinois Champaign, IL **10:50-11:20**

Title: Keeping the Lights on for the Near Future

Biography: Les Gioja is an Associate Researcher at the Illinois Sustainable Research Center and the NetZero Center of Excellence, which are part of the Prairie Research Institute at the University of Illinois. As head of the NexGen Energy group, he forms and manages teams which identify and respond to current needs related to energy. Energy research topics to date include, generation, transmission, storage, fuels, sustainability, protection, carbon capture, carbon utilization, workforce development, and policies/procedures. He has a BS and MS from the University of Illinois in Civil Engineering and was trained and served as a US Naval nuclear submarine officer and sits on the Nuclear Energy Institute's Workforce

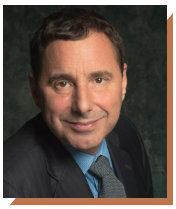
Readiness Working Group. He is a licensed Professional Engineer who has worked in private and public (municipal, state and federal) sectors, giving him a unique understanding of interrelationships and rolls of each. Mr. Gioja lead a team that received the US Army Corps of Engineers Lean, Clean Green Award for Sustainability in 2018.



Amanda Duhon, EIC North & Central America, Houston, TX **11:20-11:50**

Title: Solar North & Central America Market Outlook

Biography: Amanda Duhon is the VP & Regional Director, North & Central America, achieved 2021 ExxonMobil Power Play Awards Finalist | TE 100 Women in Energy Transition. She is a senior energy-sector leader with more than two decades of experience in international trade, public policy, and business development. Since joining the Energy Industries Council (EIC) in 2015, she has become a recognised expert in energy markets, stakeholder engagement, and strategic industry intelligence across North and Central America. Her career includes leadership roles with Trade & Investment Queensland and the UK Department for Business & Trade, where she served as Vice Consul for Energy, Environment, and Infrastructure. Earlier in her career, she spent over ten years in the legal field focused on domestic and international policy. She contributions to the industry have earned significant recognition, including being named a Finalist for the 2021 ExxonMobil Power Play Awards and one of the TE 100 Women in Energy Transition. She played a key role in the National Petroleum Council's landmark report on Carbon Capture, Use and Storage and is a frequent expert contributor to Mexico Business News and other publications. She currently serves on several boards, including the Society for Low Carbon Technologies, the British American Business Council of Texas, and the Center for International Studies at the University of St. Thomas, Houston.



Gregory Sherman, Emit-Less LLC, Palm Beach, FL **11:50-12:20**

Title: HydroBoost™: Augmenting Pumpjacks with Hydrogen and the Resulting Performance Gains

Biography: Gregory Sherman has been the primary inventor, developer and funder of the HydroBoost™ technology for the last fifteen years. He has helped contributed extensively to the design development, construction and testing of the prior ten versions of this electrolyzer type device. Before his work on HydroBoost™, Mr. Sherman had a diverse career. He owned and operated two companies in the hospitality industry and gained substantial experience in energy engineering. He worked on fossil fuel, hydroelectric, and nuclear power plant projects for EBASCO Services. Additionally, he held an FCC license and worked with KOIN-TV and KBPS Radio. He was a member of the International Alliance of Theatrical Stage Employees (IATSE). Mr. Sherman's educational background includes studies in engineering and psychology at Oregon State University, where he helped design and built perception equipment for the university's psychology department. He also attended Benson Polytechnic High School, a technical institution that provided training in a variety of skills such as automotive, aerospace, electronics, welding, sheet metal fabrication, machine shop, woodworking, pattern making, and steel foundry operations. Mr. Sherman's multifaceted experience and technical expertise reflect a unique blend of creativity, engineering acumen, and problem-solving skills.

Terence Collier, CEC Solutions, Richardson, TX **12:20-12:50**

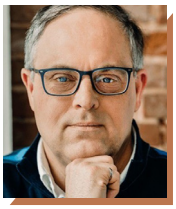
Title: Hydrogen Helps Reduce Our Dependence on Fossil Fuel Based Internal Combustion Engines

Biography: As a materials scientist, Terence Collier has worked in multiple industries fabricating micro and nano-structures with many material types. He has worked in the semiconductor, defense, medical and space industries supplying solutions. His background can be found reviewing his orcid (Orcid # https://orcid.org/0000-0002-5284-1245). He has been instrumental in designing next generation advanced packaging solutions for a wide variety of technologies and many of the next generation electronic assemblies and systems for over 30 years. He has been involved in a variety of industries to demonstrate how wide the applications for semiconductor, Ai, quantum computing and advanced packaging are critical. Upon reading the failure modes and mechanisms in a wide variety of green energy solutions, Terence decided to use his expertise in attempts to eliminate some of the failure mechanisms and modes. Terence is a Materials Scientist that hails from the University of Illinois (UIUC) and is a native of Illinois currently residing in Texas

12:50-13:00 Group Photo

13:00-13:45 Lunch Break

Chair: Metin Turkay, Koc University, Turkey



Jean Simon Venne, BrainboxAI, Canada **13:45-14:15**

Title: The AI Thermal Batteries' Clustering Impacts on Distribution Peak Shaving

Biography: Jean-Simon Venne is the Founder and President of BrainBox AI, leading the development of advanced AI solutions for energy-efficient buildings. With over 25 years of experience across telecommunications, biotechnology, and energy efficiency, he is a recognized leader in commercializing cutting-edge technologies. Prior to BrainBox AI, he helped deploy machine-to-machine solutions in 200+ smart buildings worldwide. Jean-Simon holds an Engineering degree from École Polytechnique de Montréal and a Logistics certificate from Georgia Tech. He is a recipient of TIME's Best Invention Awards, the Governor General's Innovation Award, and Canada's Clean50 Award, and is actively involved with ASHRAE and Mila, advancing AI-driven sustainability. His work focuses on leveraging artificial intelligence to reduce energy consumption, carbon emissions, and operational costs in large-scale buildings. Jean-Simon is a frequent speaker and thought leader at global forums on AI, smart buildings, and sustainable energy systems.

Jayati Datta, Renewable Energy Research Centre-Heritage, India **14:15-14:45**

Title: Challenging Role of Nonprecious/Transition Metal-Metal Oxides-Conducting Polymer Composites in a Blended Architecture Toward Outstanding Catalysis in Fuel Cell

Biography: Professor (Dr.) Jayati Datta is presently Head of the Department of Chemistry and Director, Centre for Excellence Renewable Energy Research, Heritage Institute of Technology, Kolkata, India. She also co-directs the Electrochemistry and Fuel Cell Laboratory, IIEST, Shibpur, India. Professor Datta's research area encompasses Electro-chemical Energy Conversion, Nano Materials, thin film PVs and accelerated technology development for energy harvesting through renewable sources with recent focus on PEM-based bio-ethanol fuel cell and Dye Sensitized Solar Cells. Professor Datta has achieved the MRL in National Innovative Prototype for 'Design and architecture of new generation multi-elemental (zero platinum and non-carbon) nano-catalysts validated in low temperature Fuel cells". She was assigned as Visiting Professor to UNSW, Sydney, Australia, Northeastern University, USA during 2002-2010 and nominated by DST, GOI as Indian expert for INDO-UK Workshop "Smart Grids and Energy Storage" in 2012 at Bath, UK. She is in the Advisory capacity of respective GOI-R&D Organizations, recipient of various prestigious awards, numerous GOI funded R&D projects and invited as Keynote Speaker, Chairperson to various International Conferences held in UK, Australia, Germany, USA, Dubai, China, Japan and Spain. Her credential includes 25 Ph.D supervisions, 03 Book Chapters and 180 International Journal Publications.

Special Talk

14:45-15:10 **Scenario-based Forecasting of the Global Energy Demand and Carbon Footprint of Artificial Intelligence**
Metin Turkay, Koc University, Turkey

Session I – Solar and Wind Energy

15:10-15:30 **Improving the Efficiency of Vertical Axis Wind Turbines**
Xiuling Wang, Purdue Northwest, Hammond, IN

15:30-15:50 **Advances in Deep Learning Techniques and Applications for Renewable Energy Systems Forecasting**
Abdérafi CHARKI, University of Angers, France

15:50-16:00 Coffee Break

16:00-16:20 **Transmitter and Receiver Design for Space-Based Solar Power Systems**
Jiafeng Zhou, University of Liverpool, UK

16:20-16:40 **Spatial analysis for Identifying Suitable Areas for Renewables and the Implementation of Low-carbon Technologies Aimed at Restructuring Ukraine's Energy System**
Iryna Doronina, Technical University of Munich, Germany

16:40-17:00 **Simulation of Power System Contingencies using RGRID**
Krzysztof Lowczowski, Polish Association for National Security, Poland

17:00-17:20 **Harvesting Infrared Solar Radiation Beyond 1.1 μm Using Hot Carrier Effect through Thin Metal/Si Structure**
Ching-Fuh Lin, National Taiwan University, Taiwan

17:20-17:40 **Analysis of a Hybrid Solar–Battery System**
Jannatun Naiem, Alfred University, Alfred, NY

17:40-18:00 **The Effect of EV Load Growth Across the US on the Distribution-side Grid Infrastructure**
Vladimir Abdelnour, Arizona State University, Tempe, AZ

18:00-18:20 **Advanced Deep Learning Techniques for Time Series: Application to Diagnostics and Forecasting for Photovoltaic Power Plants**
Oumayma Mabrouk, University of Angers, France

18:20-19:00 Networking Drinks

Session II – Hydrogen Energy & Fuel Cells

Chair: Seyed Ehsan Hosseini, Arkansas Tech University, Russellville, AR

08:30-08:50 **Thermodynamic analysis of an Oxyhydrogen Combustion Hybrid Cycle**
Joshua Partheepan, West Texas A&M University, Canyon, TX

08:50-09:10 **Decarbonization Pathways and Role of Hydrogen in Energy Balance of Kazakhstan**
Nurkhat Zhakiyev, Astana IT University, Kazakhstan

09:10-09:30 **Techno-Economic Assessment of Ammonia & Methanol as Hydrogen Carriers**
Sajag Poudel, Argonne National Laboratory, Chicago, IL

09:30-09:50 **Green Hydrogen Electricity Generation System**
Jose Viriato Coelho Vargas, Florida State University, Tallahassee, FL

09:50-10:10 **An Empirical Study of the Economic Viability of Fuel Cell Vehicles in Korea: A Case of Fuel Cell Forklift**
Deok-joo Lee, Seoul National University, South Korea

10:10-10:30 **Electrochemical Hydrogen Storage in Metallic Oxides Anchored on Carbon**
Nishith Verma, Indian Institute of Technology Kanpur, India

10:30-10:50 Break

10:50-11:10 **Coupling Enhanced Geothermal Power with Hydrogen Production**
Charles Sprouse III, Benedictine College, Atchison, KS

11:10-11:30 **The Global Prospects for Industrial Use of Hydrogen: The Analysis of Willingness-to-pay for H_2 in the Evolving Regulatory and Energy Markets Environments**
Svetlana Ikonnikova, Technical University Munich, Germany

11:30-11:50 **NH3-Dual Fuel Combustion for Future Sustainability**
Binod Raj Giri, Brandenburg Technical University, Germany

11:50-12:10 **Multi-Domain Temporal Wind-to-Hydrogen Production Forecasting and LCOH Analysis**
Gang Li, Mississippi State University, Starkville, MS

12:10-12:30 **Cross-Scale Modeling of Hydrogen Resistance and Microstructure Design for Enhanced Hydrogen Tolerance**
Berk Tekkaya, RWTH Aachen University, Germany

12:30-12:50 **Unlocking Next-Gen Energy: An AI-Powered Approach to Accelerate Fuel Cell Optimization**
Omid Babaie rizvandi, Colorado school of mines, Golden, CO

12:50-13:10 **Methane Pyrolysis Low-emission Hydrogen for Industrial Applications and Solid Carbon as Soil Amendment for Agriculture**
Robert Obenaus Emler, Montanuniversität Leoben, Austria

13:10:14:00 Lunch Break

Chair: Mohammad Latifi, Polytechnique Montréal, Canada

14:00-14:20 **Numerical and Experimental Investigation of Flame Dynamics Leading to Detonation in Hydrogen–Natural Gas Mixtures**
Ramki Murugesan, UL Research Institutes, Houston, TX

14:20-14:40 **A Theoretical Reaction Rate Model of a Chemical Exothermic Decomposition Surface from an External Gas**
Eimund Smestad, Nammo Raufoss AS, Norway

14:40-15:00 **Current Distribution Analysis on PEMFC Using Magnetic Sensors**
Sumito Kanazawa, University of Tsukuba, Japan

15:00-15:20 **Kick-Starting Hydrogen Mobility: Technical Principles and Practical Steps for Building the First Refuelling Network for Cars, Buses and Heavy-Duty Vehicles**
Vasco Amorim, UTAD | INESC TEC, Portugal

15:20-15:40 **Quantum Mapping: Molecular Hamiltonian Eigenvalues to Macroscopic Darcy Flow**
Demetrius Maxey, University of North Dakota, Grand Forks, ND

15:40-16:00 **Emission Reduction in Blue Hydrogen Production**
Seyed Ehsan Hosseini, Arkansas Tech University, Russellville, AR

16:00-16:20 Coffee Break

16:20-16:40 **Toward Optimizing Passive Flow Disturbers for Enhanced Heat and Mass Transfer in Methanol Steam Reforming**
Yen Chun Chou, UC Davis, Davis, CA

16:40-17:00 **Application of Renewable Hydrogen-Based Energy Systems in Buildings and the Residential Sector**
Alfredo Ortiz sainz de aja, Universidad de Cantabria, Spain

17:00-17:20 **Electrified Catalytic Reactorsfor Low-Carbon Hydrogen**
Mohammad Latifi, Polytechnique Montréal, Canada

17:20-17:40 **Credit-Price Thresholds and Infrastructure in Oregon's Clean Fuels Program: Evidence from Ethanol Carbon Intensity, with Implications for Clean Hydrogen**
Chukwuemeka Valentine Okolo, Oregon State University, Corvallis, OR

17:20-17:40 **Study of Real-Time Fuel Cell Diagnosis by using EIS for Dynamic Load Applications**
Izamu Kawahara, University of Tsukuba, Japan

17:40-18:00 **Techno-Economic Analysis of Microgrid for Data Center in the Texas Panhandle Region**
Richard Sambian, West Texas A&M University, Canyon, TX

DAY-3

Wednesday, March 4, 2026
In Person

Session III –Biofuels & Environmental Pollution

Chair: Naira Ibrahim, Jackson State University, Jackson, MS

08:40-09:00 **Global Energy Transition: Pathways to a Sustainable Future**
Vikramathithan Govindasamy, University of Malaya, Malaysia

09:00-09:20 **Assessing Advanced Fuels and Chemical Pathways with the R&D GREET Life-Cycle Tool**
Pahola Thathiana Benavides, Argonne national laboratory, Chicago, IL

09:20-09:40 **Hydro Processed Ester and Fatty Acids to Jet: Are We Heading in the Right Direction for Sustainable Aviation Fuel Production?**
Mathieu Pominville-racette, University of Sherbrooke, Canada

09:40-10:00 **Phytoremediation Pilot Study in a Mississippi Community Impacted by Petrochemical Refining**
Naira Ibrahim, Jackson State University, Jackson, MS

10:00-10:20 **Smart Battery Passports: AI-Driven Solutions for Reuse and Recycling in the Energy Sector**
Anitha Subburaj, West Texas A&M University, Canyon, TX

10:20-10:40 **Potential of CO_2 Geological Storage in Sedimentary Rocks: Petrophysical Evolution and Environmental Implications**
Jimena Gomez, Universidad industrial de Santander, Colombia

10:40-11:00 Break

11:00-11:20 **Gas Adsorption Behavior of CH_4 and CO_2 in Organic-Rich Shales from the CesarRancheria Basin: Implications for CO_2 Storage and Gas-in-Place Estimation**
Olga Patricia Ortiz Cancino, Universidad industrial de Santander, Colombia

11:20-11:40 **Phytoremediation Potential of Nerium oleander for Heavy Metal–Contaminated and Saline Soils**
Zavier Smith, Jackson State University, Jackson, MS

11:40-12:00 **Evaluating Pennisetum purpureum for Soil Remediation, Stress Tolerance, and Bioenergy Applications**
Hayleigh Harrison, Jackson State University, Jackson, MS

12:00 Lunch and departs

Virtual Program — Time Zone: Central Time (US)

Keynote Presentations

Sayyad Zahid Qamar, Sultan Qaboos University, Oman — **13:00-13:30**

Title: To be Announced

Biography: Sayyad Zahid Qamar is a Professor at the Mechanical Engineering Department, Sultan Qaboos University (SQU), Muscat, Oman. He has over 30 years of academic and research experience in different international universities. He has also worked as a professional mechanical engineer in the field for over 6 years in the heavy engineering and fabrication industry (Manager Research and Development; Deputy Manager Design; Production Engineer; Quality Control Engineer).

Donglu Shi, University of Cincinnati, Cincinnati, OH — **13:30-14:00**

Title: Photothermal Heating and Solar Harvesting Through Multiple Transparent Fe3O4@Cu2-xS Thin Films with a Solar Dome

Biography: Donglu Shi is a Professor of the Materials Science and Engineering at the University of Cincinnati. Dr. Shi's research encompasses a wide range of fields, including nanoscience, energy materials, nano medicine, and condensed matter physics, resulting in more than 300 peer-reviewed journal publications including ones in Nature, Physical Review Letters, Advanced Materials, and ACS Nano. He is currently the Editor-in-Chief of Nano LIFE, Editorial Board of Biomaterials Advances, and Associate Editor of J. of Nanomaterials. He has received 2023 Rieveschl Award for Distinguished Scientific Research, SIGMA XI Research Recognition Award, and Neil Wandmecher Teaching Award. Donglu Shi is a Fellow of ASM International.

Oral Presentations

14:00-14:20 **To be Announced**
Asli Tiktas, Kirsehir Ahi Evran University, Turkey

14:20-14:40 **Chemical Strategies for Developing Electrode Materials in Efficient Energy Storage Systems**
Dimitra Vernardou, Hellenic Mediterranean University, Greece

14:40-15:00 **Advances and Challenges in Synergistic CO_2-H_2 Storage and Bio-Methanation in Porous Rocks**
Lin Wu, Clausthal University of Technology, Germany

15:00-15:20 **Evolution of Smart Construction in the "Construction 5.0" Sector: A Forecasting Method based on an Artificial Intelligence (AI) Algorithm**
Alice Cervellieri, Politecnico di Torino, Italy

15:20-15:40 **Hydrogen Production System via Ammonia Decomposition Associated with Renewable Energy Employment in South of IRAN**
Ali Teymoori, The University of Bologna, Italy

15:40-16:00 **Factors Enabling Access to Affordable, Reliable, Sustainable and Modern Energy in the European Union**
Aldona Migala-Warchol, Rzeszow University of Technology, Poland

16:00-16:20 **Designing Optionality: An Optionality-First Framework to Preserve LCOE Competitiveness in Greenfield Grid-Connected Energy Infrastructure**
Alexandre Alonso Carpintero, Skyvolt energy, New York, NY

16:20-16:40 **Wind Speed Characteristics and the Forecasting of Tall Tower Data Located in the Tropics, Barbados and the mid-latitudes, Missouri using Neural Networks and Traditional Statistical Techniques**
Sarah Balkissoon, Caribbean Institute for Meteorology and Hydrology, Trinidad and Tobago

16:40-17:00 **Power Quality Monitoring in Electric Systems: Advanced Strategies and Contemporary Challenges in Energy Transition**
Igor Delgado de Melo, Juiz de Fora Federal University, Brazil

17:00-17:20 **Designing Optionality: An Optionality-First Framework to Preserve LCOE Competitiveness in Greenfield Grid-Connected Energy Infrastructure**
Alexandre Alonso Carpintero, Skyvolt energy, New York, NY

17:20-17:40 **Paradigm Shifts in Urban Decarbonization and Waste-to-Resource Technologies By Electro-biotic and Chemical Conversions of Carbon Dioxide and Methane to Hydrogen and Resources**
Vladimir Novotny, AquaNova LLC, Boston, MA

17:40-18:00 **Modeling of Liquid Springs in Lyophilic Materials**
Dusan Bratko, VCU, Richmond, VA

18:00-18:20 **Electricity-Free Recovery of Industrial Waste Heat**
Deepak Sharma, Oregon state university, Corvallis, OR

18:20-18:40 **Cybersecurity Aspects of Modern Power Grid Networks**
Vinitha Hannah Subburaj, West Texas A&M University, Canyon, TX

18:40-19:00 **To be Announced**
Andrea Oyarzun Aravena, Universidad de Magallanes, Chile

19:00-19:20 **Building the Future of Coal Power: Integrating Cutting-Edge Strategy with World-Class Performance Projects**
Dong Xinyi, Shanghai Shenergy Power Technology Co.,LTD, China

19:20-19:40 **Interface and Surface Engineering Strategies for Durable Pt-Based Catalysts in LOHC Dehydrogenation**
Chang Won Yoon, Pohang University of Science and Technology (POSTECH), South Korea

19:40-20:00 **Techno-Economic Viability for Sustainable Recycling of Spent Ammonia Borane Fuel from Methanolysis**
Tsang Chi Wing, Technological and Higher Education Institute of Hong Kong, Hong Kong

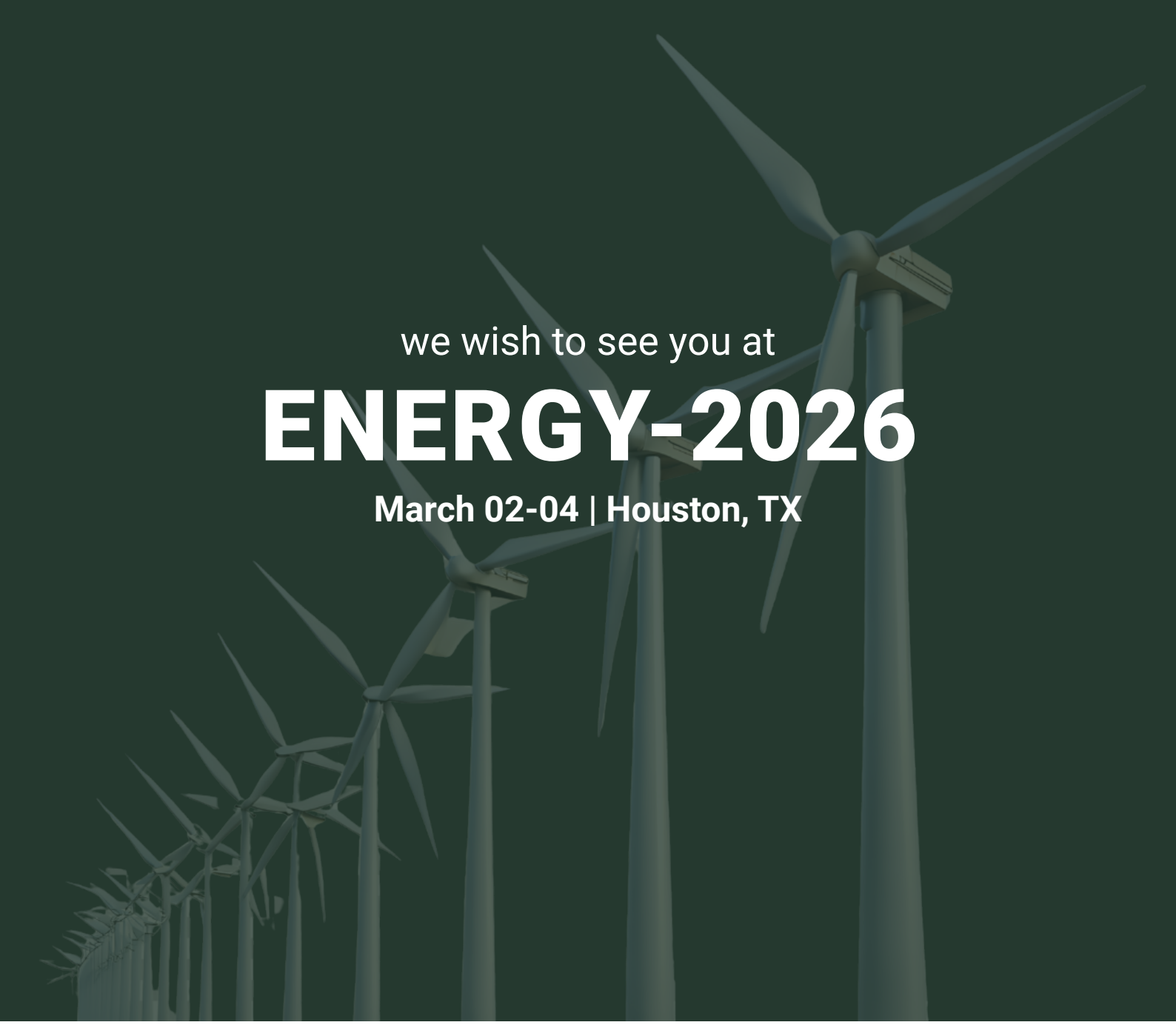
20:00-20:20 **Methanol-to-Jet Fuel: Pathways, Technologies, and the Future of Sustainable Aviation**
Chenxi Wang, Washington State University, Richland, WA

20:20-20:40 **Analysing Renewable Energy Deployment in Norway: Direct, Indirect and Induced Economic Impact**
Pooja Sharma, Daulat Ram College University of Delhi, India

20:40-21:00 **Effects of Operating Conditions on the Electrochemical Performance and Thermal Behavior of Proton Ceramic Electrolyzer Cells**
Yen-Hsin Chan, Feng Chia University, Taiwan

21:00-21:20 **Designing and Analyzing High-Performance Electrolytes for Rechargeable Batteries**
Sailin Liu, The University of Adelaide, Australia

21:20-21:40 **To be Announced**
Maedeh Simayee, Sharif University of Technology, Iran



we wish to see you at

ENERGY-2026

March 02-04 | Houston, TX

Organized By

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