The 2024 International Conference on Sustainable Energy and Environmental Technology for Circular Economy

Sunday, August 4, 2024 - Tuesday, August 6, 2024

tment of Mechanical Engineering, Faculty of Engineering, Kasetsart University, Bangkok, Th

Conference Tracks

Renewable Energy Technology

Solar Energy, Wind Energy, Hydro Energy, Wave Energy, Geothermal Energy, Waste-to-Energy Technology, Hydrogen and Fuel cell Technologies, Carbon Capture Technology, Low Carbon Technology, Thermo-Electrics System, Energy Harvesting Technology, etc.

Biomass Conversion Technology

Carbonization, Pyrolysis, Gasification, Hydrothermal Carbonization, Hydrothermal Liquefaction, Hydrothermal Gasification, Anaerobic Digestion, Aerobic Digestion, Catalytic Material, Activated Carbon, Reaction and Catalytic Engineering, Biotechnology, etc.

Material Technology for Energy and Environment

Carbon Materials, Activated Carbon Production, Adsorption Process, Nanotechnology, Advance Material, Pollution Reduction, Environmental Protection, Water and Environmental Engineering, Energy Storage, Energy Conversion, Carbon Capture and Utilization, etc.

Energy Efficiency Technology

Buildings Innovation and Technology, Energy Efficiency Technology, Energy Conservation Technology, Sustainable and Smart Cities, HVAC Systems, etc.

Optimization and AI in Energy and Environmental Technology

Renewable Energy Optimization, Power Plant Optimization, Energy Storage Optimization, Smart Grids, Demand Forecasting, Others Optimization and AI of Energy and Environmental Systems, etc.

Energy Management, Policy and Economics

Techno-Economic Energy, Energy Management, Environmental Assessment, Life-Cycle Assessment, Energy Auditing, Energy Trading, Policy on Renewable Energy and Energy Efficiency, Energy and Environment Policies and Frameworks, Carbon Tax and Financing, etc.

Green Manufacturing

Carbon emission evaluation in manufacturing, Application of artificial intelligence in manufacturing, Application of renewable energy in manufacturing, Energy management in manufacturing, Optimization of manufacturing