

CAETS 2021 - THE FUTURE OF ENERGY BUENOS AIRES – ARGENTINA

Monday, September 20th

Time	Program
09:00-12:00	Board Meeting / Presidents' Meeting / Energy Committee Meeting
14:00-18:00	Working Group Discussion

Tuesday, September 21st

Time	Program
09:00-10:30	OPENING PLENARY: ENERGY AND GLOBAL WARMING
11:00-13:00	TECHNICAL SESSION 1: ENERGY DEMAND / NEW TRENDS
11:00-13:00	TECHNICAL SESSION 2: THE FUTURE OF NUCLEAR ENERGY
15:00-18:00	TECHNICAL SESSION 3: RENEWABLES
15:00-18:00	TECHNICAL SESSION 4: OIL AND GAS

Wednesday, September 22nd

Time	Program
09:00-11:00	TECHNICAL SESSION 5: EDUCATION ON ENGINEERING - ENERGY AND CLIMATE CHANGE CHALLENGES
11:30-13:00	CLOSING PLENARY: INTERNATIONAL AGREEMENTS TO REDUCE CARBON EMISSIONS
15:00-18:00	Council Meeting

Thursday, September 23rd

Time	Program
09:00-15:00	Technical Tour

OPENING PLENARY: ENERGY and GLOBAL WARMING

Opening presentation

- 1-Climate change data update
- 2-Evaluation of COVID impact

TECHNICAL SESSION 1 - ENERGY DEMAND: NEW TRENDS

Opening presentation

- 1-Grid edge technology. Micro grids.
- 2-Energy efficiency in Residential, Industry and Service Uses
- 3-Electric mobility

TECHNICAL SESSION 2 - THE FUTURE OF NUCLEAR ENERGY

Opening presentation

- 1-Technological developments
- 2-Argentina SMR project

TECHNICAL SESSION 3 - RENEWABLES

Opening presentation

- 1-Energy conversion and storage: Batteries
- 2-Hydrogen
- 3-Key raw materials: Lithium-Cobalt
- 4-Intermittency challenges: Follow up on CAETS 2020 report

TECHNICAL SESSION 4 - OIL and GAS

Opening presentation:

- 1-Oil and gas production scenarios
- 2-The role of natural gas in the energy transition
- 3-LNG growth-Coal replacement
- 4-Carbon capture and storage
- 5-Soil carbon sequestration

TECHNICAL SESSION 5 - EDUCATION ON ENGINEERING: ENERGY AND CLIMATE CHANGE CHALLENGES - MODELLING, SIMULATION AND PANEL DISCUSSION

CLOSING PLENARY: INTERNATIONAL AGREEMENTS TO REDUCE CARBON EMISSIONS

Opening presentation

- 1- Latin America energy matrix and future developments: Argentina-Brasil-Chile-Colombia-Mexico
- 2- Summary of previous sessions