

# CEC/ICMC 2021 Abstract Submission



**Monday 19 July 2021 - Friday 23 July 2021**

**Virtual Conference**

## Submission Categories (tracks)

## **CEC**

**CEC-01 - Large-Scale Refrigeration and Liquefaction**

**CEC-02 - Large-Scale Systems, Facilities, and Testing**

**CEC-03 - Cryocoolers (Non-Aerospace)**

**CEC-04 - Cryocoolers (Aerospace)**

**CEC-05 - Components: Expanders, Pumps, Compressors, Heat Exchangers, and Heat Pipes**

**CEC-06 - Components: Superconducting Magnet Systems**

**CEC-07 - Components: Superconducting RF Systems, Power Cables, and Leads**

**CEC-08 - Applications: Instrumentation, Visualization and Controls**

**CEC-09 - Applications: Fuel, Transportation, Medical, and Food**

**CEC-10 - Applications: Aerospace**

**CEC-11 - Applications: Safety, Reliability, and Standards**

**CEC-12 - Applications: Medicine and Biology**

**CEC-13 - Thermal-Fluid Transport and Properties: Fluids Boiling Above 50 K**

**CEC-14 - Thermal-Fluid Transport and Properties: Fluids Boiling Below 50 K**

**CEC-15 - Thermal-Fluid Transport and Properties: Thermal Insulation Systems**

**CEC-16 - Miscellaneous**

**ICMC**

**ICMC-01 - NbTi/Nb<sub>3</sub>Sn/A15**

**ICMC-02 - MgB<sub>2</sub> Wires and Tapes**

**ICMC-03 - BSCCO Wires and Tapes**

**ICMC-04 - REBCO Coated Conductors**

**ICMC-05 - Flux Pinning and Critical Current**

**ICMC-06 - LTS and HTS Cables**

**ICMC-07 - HTS and MgB<sub>2</sub> Bulks**

**ICMC-08 - Fe-based and New Superconducting Materials**

**ICMC-09 - Thin Films, Multilayers, and Artificial Structures**

**ICMC-10 - Cryogenic Materials Testing and Methods**

**ICMC-11 - Metallic, Ceramic, Composite and Polymeric Materials**

**ICMC-12 - Insulation/Conduction, Resins and Impregnation, and Dielectric Properties**

**ICMC-13 - Thermal, Electrical, and Magnetic Properties, Radiation, Degradation**

**ICMC-14 - Superconductor Measurements: Mechanical, Electrical, AC Loss and Stability**

**ICMC-15 - Applications: Microelectronics, Photonics, Sensors, Detectors, Computation**

**ICMC-16 - Applications: Power Electronics, Electric Propulsion, Transportation**

**ICMC-17 - Special Sessions**