

The Spain Chapter hosted the workshop on “Ceramic and vitreous materials for the 21st century” on October 19, 2022, at the University Jaume I of Castellón, specifically at the Institute of Ceramic Technology ITC which is the headquarters for the Spain Chapter.

Following a welcome by ACerS Spain Chapter Chair, Arnaldo Moreno, the eight morning lectures included advanced coatings providing ceramic and glassy substrates with new or improved properties, ceramics and glass for new energy storage and generation systems, solid oxide fuel cells.

The speakers represented various centers linked to the Spanish National Research Council (CSIC), such as the Nanomaterials & Nanotechnology Research Center (CINN), the Materials Science Institute of Madrid (ICMM), the Institute of Ceramics and Glass (ICV), or the Institute of Polymer Science and Technology (ICTP). Additionally, other speakers were from the Department of Materials Science of the University of Sciences and Technologies of Algiers (Algeria), and from Departments of the Polytechnic University of Catalonia, the University Carlos III of Madrid, and the University of Córdoba.

All the speakers identified ceramics and glass as key materials both in the near future as well as in the medium to long-term.

The workshop concluded with an afternoon visit to two industrial companies dedicated to the manufacture of frits and glazes, and ceramic tiles, respectively.