A. Materials Processing and Design
A1 Aeronautical and Aerospace Processes, Materials and Industrial Applications
A2 Next Generation Metallic Lightweight Structural Materials: Control and design of Texture, Manufacturing Process, Microstructure, Properties
A3 Materials design, Synthesis and Manufacturing using Artificial Intelligence
A4 Nano-alloys: Theory, Synthesis and Characterization
A5 Designing Smart and Optimized Glasses
A6 Advances in Functional Semiconducting Materials
A7 Advanced Structural Materials: Mechanics, Properties and Applications of Emerging Materials
A8 Advanced Catalytic Materials: Nano and Bulk
B. **Materials for Environmental Applications**
B1 Materials and the Environment
B2 Emerging Materials for Clean Energy and Environmental Remediation Applications
C. **Materials for Energy Conversion, Storage, and Harvesting**
C1 Materials for hydrogen production, storage, and fuel cells
C2 Electrochemical Energy Storage and Generation: Batteries, Supercapacitors and Fuel Cells
C3 Nanoporous Carbons for Energy Storage/Conversion and Environmental Protection
C4 Nanostructured Electrocatalytic Materials
C5 Electrochemical Energy Conversion and Storage: Hydrogen and Batteries
C6 Challenges in Materials and Technologies for Energy Conversion, Saving and Storage (MATECSS)
C7 Photovoltaics, Solar Energy Materials and Technologies
C8 Advanced Materials for CO_2 Capture, Storage and Utilization
D. **Quantum Materials - Including Topology and 2d Materials**
D1 Weyl and Dirac semimetals and beyond
D2 New generation of Topological Materials
D3 Chiral spintronics
E. **Organic and Hybrid Materials**
E1 Coordination Polymers and Metal-Organic Frameworks
E2 Advances in Perovskite Photovoltaics and Optoelectronics
E3 Functional materials and neoteric solvents: fundamentals and applications
E4 Nanomaterials for Drug Delivery, Imaging and Immuno-Enginering
E5 Micro and Nanofabrication of Biosensors, Lab-on-a-Chip, Organs-on-a-Chip, BioMEMS

E6 Advances on Biofuels: Materials, Characterization, Processing and Testing
E7 Polymers and Nanopolymers: Chemistry, Characterization and Applications
E8 Advances in Organic and Hybrid Materials for Electronics, Optoelectronics and Photonics
E9 Materials for Health Applications: Biomaterials for Permanent and Temporary Implants, Cosmetics and Therapeutics
F. **General**
F1 Novel techniques for electron microscopy of nanomaterials and their heterostructures
F2 Mineral Materials: Beneficiation and Applications
F3 Heat Transfer and Transport at the Nanoscale
F4 Advanced Defense Materials
F5 NACE - Corrosion and Metallurgy
F6 La Innovación y los mecanismos de Transferencia de Tecnología en México (Special Symposium)