

Foreword

Since 1974, scientists and institutions involved in the area of materials science and engineering have been organizing biannually, the Brazilian Materials Science and Engineering Congress (CBECImat). This important and traditional event is supported by three entities that represent the main Materials communities: The Brazilian Ceramic Society (ABCeram); The Brazilian Metallurgical, Materials and Mining Society (ABM) and The Brazilian Polymer Society (ABPol).

CBECImat - 2018 was held in Foz do Iguaçu city, in the state of Parana, from 4 to 8th November, and was organized by a group of scientists from 'The Energy and Nuclear Research Institute' (Instituto de Pesquisas Energeticas e Nucleares - IPEN).

Contributions could be made in all areas of Materials Science and Engineering at this important national forum about scientific progress in research, development and innovation in the area of materials. This event contributed to increased interaction among scientists, professionals from industries as well as educators in the area of materials science and engineering and thus satisfied the interests of the participants from academia and industries.

The event had 1690 attendees, of whom 1675 were from the different Brazilian states and 8 were invited speakers from other countries that included France, Spain, Portugal, Romania, Turkey, the United Kingdom and the United States of America. During this congress 5 plenary lectures and 40 'Keynote' lectures were given, along with 180 oral presentations and 1920 poster presentations, a total of thus 2145 presentations. During this event two Round-Table meetings were also held about 'Teaching of Materials Engineering' and 'Qualis-Capes' as a tool to evaluate scientific output.

The topics discussed during this congress included diverse aspects related to synthesis, processing and properties of traditional and new materials. This event provided the materials scientists and engineers an informal atmosphere to discuss developments and ongoing work in the areas of metals, ceramics, polymers, composites and education of Materials Science and Engineering.

On behalf of the Organizing Committee, I would like to thank all the attendees and the members of the scientific committee. I would also like to thank the support staff for their collaboration before, during and after this extremely successful event.

Lalgudi V. Ramanathan
President
23rd CBECIMAT

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