

PREFACE

The Fourth National Congress of Science and Materials Engineering (CNCIM-México 2013), which took place in Pachuca, México, from 22 to 28 February 2013 was organized by the materials research group (Cuerpo Académico UAEH-CA-8) from the Universidad Autónoma del Estado de Hidalgo, in collaboration with the Benemérita Universidad Autónoma de Puebla, the Universidad Autónoma del Estado de México, and the Universidad Autónoma de Yucatán.

The First National Congress in Science and Materials Engineering (CNCIM-2010), was organized in Puebla, México in February 2010. This was followed by CNCIM-2011 held in Toluca, México in February 2011. While the CNCIM-2012 was realized in Merida, México in February 2012.

The Fourth National Congress of Science and Materials Engineering consisted of plenary talks (9), invited talks (6), oral contributions (104) and poster presentations (182). The topics of the Congress were:

- Synthesis, Obtaining and Materials Modification.
- Materials Characterization.
- Materials Applications.
- New Materials Development and Simulation Materials.

The Organizing Committee thanks to the Institutions and Sponsors that supported the Congress and everyone who contributed to the organization of this meeting.

Organizing Committee

Jesús García Serrano, Universidad Autónoma del Estado de Hidalgo.
Ana María Herrera González, Universidad Autónoma del Estado de Hidalgo.
Juan Coreño Alonso, Universidad Autónoma del Estado de Hidalgo.
Edgar Cardoso Legorreta, Universidad Autónoma del Estado de Hidalgo.
Rosa Ángeles Vásquez García, Universidad Autónoma del Estado de Hidalgo.
Fidel Pérez Moreno, Universidad Autónoma del Estado de Hidalgo.
Jaime Guerrero Paz, Universidad Autónoma del Estado de Hidalgo.
Alberto Arenas Flores, Universidad Autónoma del Estado de Hidalgo.
Marissa Vargas Ramírez, Universidad Autónoma del Estado de Hidalgo.
Raúl Moreno Tovar, Universidad Autónoma del Estado de Hidalgo.
Ernesto Chigo Anota, Benemérita Universidad Autónoma de Puebla.
Heriberto Hernández Cocoletzi, Benemérita Universidad Autónoma de Puebla.
Efraín Rubio Rosas, Benemérita Universidad Autónoma de Puebla.
Enrique Vigueras Santiago, Universidad Autónoma del Estado de México.
Gabriel Murrieta Hernández, Universidad Autónoma de Yucatán.
Aarón Aguayo González, Universidad Autónoma de Yucatán.

Organizers:



Sponsors:

