

## VIII Symposium Optics in Industry

On September 9-10, 2011, the Academia Mexicana de Óptica, AMO, and the División de Óptica of the Sociedad Mexicana de Física, DO-SMF, organized the VIII Symposium Optics in Industry, SOI, in the city of Toluca de Lerdo, Mexico, with the help of the Universidad Autónoma del Estado de México, UAEM, the Mexico State University. The SOI is a biennial meeting of academicians, industry leaders, researchers and engineers in the field of optics and photonics; which aim is to serve as an efficient mechanism for optics and photonics knowledge transfer to the industry, in order to provide innovation opportunities for the economic sector, as well as effective solutions to current industry productive processes.

This eight SOI edition opening ceremony was attended by doctors Eduardo Gasca, the UAEM Rector, represented by Sergio Franco, the UAEM Deputy Director for Research and Advanced Studies; Ramón Rodríguez, AMO President; Miguel Mayorga, UAEM Sciences Faculty Director; Amalia Martínez, AMO CEO; Eric Rosas, *ad hoc* President of the Iberian-American Network for Optics, RIAO; Lorena Romero and Juan Sumaya, members of the VII SOI Local Organizing Committee.



VIII SOI opening ceremony.

During this year's edition several plenary talks focused on applied research and engineering were given by national and international leaders of the optics and photonics community like Arup Neogi from the University of North Texas; Andrés F. Cifuentes from Southern European Cluster in Photonics and Optics; Edgar Alvarado from the Universidad de Guanajuato; Guillermo Baldwin from the Pontificia Universidad Católica del Perú, Amalia Martínez from the Centro de Investigaciones en Óptica ; and Santiago Camacho from the Centro de Investigación Científica y Educación Superior de Ensenada.



Andrés F. Cifuentes (left) and Guillermo Baldwin (right), invited speakers supported by SPIE & OSA, respectively.

Also discussion panels on technology transfer mechanisms and academy-industry cooperation improvement were conducted; as well as the Optics and Photonics Technological Capabilities presentations were offered by the Instituto Nacional de Astrofísica, Óptica y Electrónica, the Centro de Investigaciones en Óptica, the Centro de Investigación Científica y Educación Superior de Ensenada, and the Centro de Innovación Aplicada y Tecnologías Competitivas.

As a traditional SOI activity, on September 8, hands-on workshops on Color administration, Fiber optics couplings, and Nano-particle synthesis by laser ablation and its optical characterization, were given by Juan Manuel Bujdud, Ismael Torres, Marco A. Camacho and Miguel A. Camacho, respectively.



Plenary talks and poster sessions attendance.

This 2011 SOI edition was also benefited by sixty four contributions that were presented during the mural session; forty of which were selected to be published as part of the SPIE Proceedings series.



VIII SOI Local Organizing Committee with AMO officers and UAEM Sciences Faculty authorities.