VII International Congress & XVI Mexican Congress on Catalysis: CMC 2019 “Catalysis: Effective Synergy for the Processing Industry”

José Escobar¹ · Gustavo A. Fuentes²

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This issue of Topics in Catalysis contains peer-reviewed full manuscripts of selected podium and poster presentations of the VII International Congress & XVI Mexican Congress on Catalysis (CMC 2019) organized jointly by the Mexican Catalysis Academy (ACAT) and the Juarez Autonomous University of Tabasco (UJAT). This event was held at the Centro Internacional de Vinculación y Enseñanza (CIVE, UJAT), in Villahermosa, capital city of Tabasco state, in southeast Mexico. It includes 15 manuscripts from various Mexican research groups active in the catalysis field, accepted for final publication after peer-reviewing by referees from the international catalytic community.

CMC is held every 2 years in locations in Mexico where there are groups active in Catalysis. It is a forum where researchers from both industry and academia present their most recent research in the field. It allows discussions that enrich the work done throughout the country and elsewhere. In this occasion, presentations from Argentina, Spain, USA, and Venezuela, contributed to the scientific relevance of CMC 2019. A total of 154 contributions were presented (34 orals, the rest in poster format). They included research in photocatalysis, environmental catalysis, biomass conversion, oil refining catalysts, catalyst design & synthesis, catalysis for fine chemicals, catalysts characterization, catalytic reaction engineering, and homogeneous catalysis.

Fruitful scientific discussions took place in a formal yet relaxed tropical atmosphere in the so-called “Eden of Mexico”. The inaugural lecture was given by Dr. Javier Guzmán

(from ExxonMobil, USA). Other plenary lecturers were: Mario Montes Ramírez (Universidad del País Vasco, Spain), Joaquín Pérez Pariente (ICP, Spain), Eduardo Ernesto Miró (Universidad Nacional del Litoral, Argentina), and Gustavo A. Fuentes (UAMI, Mexico). Six invited lectures were presented by researchers from Mexican institutions: Leticia M. Torres Guerra (UANL), Rodolfo Zanella Specia (UNAM), Enelio Torres García (IMP), Rafael Huirache Acuña (UMSNH), María A. Cortés Jacome (IMP) and Gabriel Merino Hernández (CINVESTAV).

CMC 2019 organizers greatly appreciate the generous sponsorship from various national and international companies and institutions. Also, the guest editors of this special issue acknowledge authors for their submissions and the anonymous reviewers whose refereeing helped to improve the revised manuscripts. This is the first time that CMC contributions will be published as a special issue in a major journal, and we expect that this will occur again in the next events. Finally, we express our appreciation to Hans-Joachim Freund and Gabor Somorjai, Editors in Chief of Topics in Catalysis, as well as to the staff of the journal, for the opportunity and support provided to us.

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✉ José Escobar
jeaguila@imp.mx

¹ Instituto Mexicano del Petróleo, Mexico City, Mexico

² Universidad Autónoma Metropolitana-Iztapalapa, Mexico City, Mexico