ICACC 2020 poster awardees

First place awards

*Growth of high purity zone-refined boron carbide single crystals by laser diode floating zone method*, Michael Straker, Morgan State University; Ankur Chauhan, Kevin J. Hemker, Mekhola Sinha, W. A. Phelen, Johns Hopkins University; M. Chandrashekhar, University of South Carolina; Michael Spencer, Morgan State University

*DFT Study of the Impact of Impurities in SiC Bulk and Grain Boundaries*, Shawn P. Coleman, Matt Guziewski, US Army Research Laboratory; Cassidy Atkinson, Pamir Alpay, University of Connecticut


Second place award

*Biomass derived carbons and PDC functionalized carbon composite for electrochemical energy storage*, Shakir Bin Mujib, Gurpreet Singh, Kansas State University; Beatriz Vessalli, Talita Mazon, Centro de Tecnologia da Informação Renato Archer (CTI), Brazil; Waldir Bizzo, University of Campinas – UNICAMP, Brazil

Third place awards

*Processing and Characterizing Al-doped Boron Carbide Bulk Ceramic*, Qirong Yang, Eric Gronske, Chawon Hwang, Richard A. Haber, Rutgers University

*Hydrothermal sintering: a low temperature densification process of ceramics*, Lucas Villatte, Sylvie Bordere, Dominique Bernard, Marie-Anne Dourges, Alain Largeteau, Catherine Elissalde, Graziella Goglio, Institut de la Chimie et de la Matière Condensée de Bordeaux, France

Trustee awards

*Processing and Mechanical Characterization of Ice-templated Alumina-Epoxy Composites*, Justine Marin, Sashanka. Akurati, Dipankar Ghosh, Old Dominion University

*Mechanical Properties of Spark Plasma Sintered B$_4$C*, Ruslan Kuliiev, Nina Orlovskaya, Holden Hyer, Yongho Sohn, University of Central Florida

*Partial amorphization and phase control of Cobalt nickel sulfide for an efficient oxygen evolution reaction*, Sungwook Mhin, Korea Institute of Industrial Technology, Korea

*Electric potential change of glasses by polishing with thermally oxide silicon*, Ryo Fukuzaki, Seiichi Suda, Shizuoka University, Japan