

2010 Student Poster Awards

Reducing the Energy Demand of Metakaolin Production using Zinc Oxide Fluxes

Sarah Taylor Lange, University of Texas at Austin

(advisors: Maria Juenger, University of Texas at Austin and Kyle Riding, Kansas State University)

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Early Age Properties of Fly Ash-Slag Based Geopolymer System

Sravanthi Puligilla, University of Illinois at Urbana-Champaign

(advisor: Paramita Mondal, University of Illinois at Urbana-Champaign)

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Developing a Robust Transferable Empirical Force Fields for Cement Hydrates

Rouzbeh Shahsavari, MIT

(advisors: Roland Pellenq, Centre Interdisciplinaire des Nanosciences de Marseille and Franz Ulm, MIT)

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Characterization and Chemical Admixture Interaction of Biomass Co-fired Fly Ash

Christopher Shearer, Georgia Institute of Technology

(advisors: Kimberly Kurtis and Susan Burns, Georgia Institute of Technology)

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Improving Sustainability through the use of High Volume Fly Ash Mixtures: Extension to Internal Curing

Igor De la Varga and Javier Castro, Purdue University

(advisor: Jason Weiss, Purdue University)

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Cement Seal Integrity: Microstructural Characterization of CO₂ Alteration Zones in Class H Portland Cement

Circe Verba, Oregon State University

(advisors: Jason Ideker, Oregon State University and William O'Conner, US Department of Energy)

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