

Easel #	First Name	Last Name	Title of poster for poster session
1	Roshan	Alayil Divakaran	Engineering of Nuclear Power Plants in India against external events
2	Lisa	Alvarez-Cohen	Modification and utilization of different corrinoids by microbial communities containing Dehalococcoides
3	Baidurya	Bhattacharya	Challenges in Disaster Mitigation of Large Infrastructure by Engineering Design
4	Baskar	Ceri	Systems to Improve Safety & Efficiency in Transportation
5	Mashrur	Chowdhury	Wireless Communications Applications in Surface Transportation
6	Amitava	De	Joining of Aerospace Materials
7	Dean	DeLongchamp	Structure Measurements for Polymer-Fullerene Photovoltaics
8	Tejal	Desai	Hierarchical Nanostructured Polymer Films Enhance Protein, Antibody, and Drug Permeability in vitro and in vivo
9	Mandar	Deshmukh	Nanoscale electromechanics with graphene
10	Stefano	Di Cairano	Constrained Predictive Control of Complex Automotive Systems
11	Mario	Epler	Primary Metals Production: Alloy and Process Modeling – R&D
12	Jeffrey	Errington	Using molecular simulation to understand interfacial phenomena
13	Ashutosh	Gandhi	Thermal Barrier Coatings for Gas Turbine Engines
14	Christine	Goulet	Building Response Simulations Using SCEC Simulated Ground Motions
15	James	Gregory	Understanding Compressibility Effects on Helicopter Dynamic Stall
16	Suhasini	Gururaja	Advanced Materials and Processes Lab
17	Erik	Handy	Environmental and Electroactive Coatings
18	Mitra	Hartmann	Rat Vibrissae (Whiskers) and Active Tactile Sensing
19	Robert	Huss	Conceptual Chemical Process Design
20	Samir	Kamat	Mechanical behaviour at small length scales
21	Annie	Kammerer	Advances in seismic hazard assessment for critical facilities
22	Guruswamy	Kumaraswamy	Using Soap Slime to Assemble Nanoparticles
23	Rama Krishna	Lingamaneni	Micro Arc Oxidation Coating Technology: Unique Combination Of Properties
24	Preeti	Lodha	Polymeric Fibers

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25	Nicolas	Luco	Risk-Targeted Design Earthquake Ground-Motion Maps Recently Adopted for U.S. Building Codes
26	Chilla	Malla Reddy	Tailoring Mechanical Properties by Co-Crystal Formation in Vanillin Isomers:
27	Cuduvally	Manohar	Brittle to Soft Crystals
28	Tom	Mathew	Design and Evaluation of an Adaptive Traffic Control System for Heterogeneous Flow Conditions
29	Gautam	Menon	Crowdsourcing in Active Transport
30	Sudeshna	Mitra	Research Needs for Safer Transportation System
31	Tejas	Murthy	Deformation phenomena in granular materials and metals of relevance in processing and design
32	Vinit	Murthy	Use of discrete element modeling for granular flows in consumer goods industry
33	Niraj	Nayan	Development of Al-Cu-Li alloys for aerospace application
34	Emily	Parkany	Environmental ITS Applications
35	Yogita	Parulekar	Seismic Response control of structures, equipments and piping systems using passive devices
36	Brian	Pfleger	Metabolic Engineering of Bacteria for Sustainable Production of Fatty Acid Derived Products
37	Upadrastra	Ramamurty	Nanoindentation studies on molecular crystals
38	Christopher	Schuh	Design of Stabilized Nanocrystalline Alloy Coatings
39	Velmurugan	Senathipathi	Free Speed Equations and Speed - Flow Models for Inter-City Highways and Urban Expressways through Traditional and Microscopic Approaches
40	Umesh Kumar	Sharma	Behaviour of Full Scale RC Frame Under Post-Earthquake Fire
41	Arun	Singh	Near surface seismic velocity estimates for Indian geological region
42	Raghavendra	Singh	Network Architecture of the White Matter Pathways in the Macaque Brain
43	Christina	Smolke	Programming cellular behavior with RNA control devices
44	Mark	Strempler	Multi-Scale Transport in Environmental and Physiological Systems
45	Aaron	Striegel	Managing the Wireless Data Tsunami

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46	Deepthi	Swamyi	ITS in Real-time Urban Mobility: Case of assessing Spatio-temporal traffic patterns in Bangalore, India and its application in adaptive traffic management
47	Srinivas	Tummala	Reaction Science in Pharmaceutical Process Development at BMS
48	Lelitha	Vanajakshi	Traffic Density Estimation under Heterogeneous Traffic Conditions using Data Fusion
49	Kari	Watkins	OneBusAway: Behavioral and Satisfaction Changes from Resulting from Providing Real-Time Arrival Information for Public Transit
50	Siavash	Yazdanfar	Optical microscopy for high-content, digital and molecular pathology
51	Huimin	Zhao	Pathway Engineering via Synthetic Biology