2015 CAFOE
Poster Titles

Board #	First Name	Last Name	Title of Poster
1	Kartik	Chandran	The Water-Energy-Food Nexus
2	Shaochen	Chen	Microfabrication of Physiologically Relevant Three-Dimensional Cardiac Tissue Constructs Mimicking Native Tissue
3	Yan	Chen	Origami Structures: Kinematics and Applications
4	Yong	Chen	Additive Manufacturing/ 3D printing
5	Corie	Cobb	Advanced Manufacturing of Hierarchical Materials and Battery Electrodes
6	Liang	Duan	The influence factors on membrane fouling in membrane bioreactor
7	Eric	Duoss	Additive Manufacturing and Architected Materials
8	Christopher	Ellison	Nanostructured Materials and New Processing Strategies Through Polymer Chemistry
9	David	Erickson	Technologies for Mobile and Global Health
10	Ling	Fu	Biomedical Imaging: Development of Confocal Endoscopy for in vivo Cellular Imaging
11	Ramin	Haghgooie	Integrated Diagnostics for Point of Care Routine Blood Testing
12	Kristen	Jellison	Performance of Biosand Filters After Relocation
13	A. Mark	Jones	Use of Electromagnetic Simulation to Strengthen Research and Development Capability
14	Yusuf	Khan	Regenerative Engineering Approaches to Large Scale Bone Repair
15	Gert	Lanckriet	Search and recommendation from millions of songs and videos
16	Daniele	Lantagne	Effective use of HWTS Options
17	Yanhua	Li	Growing Charging Station Networks
18	Ruiping	Liu	Development of Highly-efficient Technologies for Arsenic Pollution Control in Drinking Water: From Fundamental Study to Demo. Engineering
19	Ming	Luo	Machining vibration analysis and control during the exit of milling cutter at the side of the workpiece
20	Qingming	LUO	Visible mouse brain-wide networks at single neuron resolution
21	Anthony	Matyok	Advancing Unisys ClearPath Libra (MCP-Based) Systems
22	Michael	Molnar	Experimental Study on Fluidization Behavior of Geldart Group B and D Particle Systems in Deep Tapered Beds
23	John	Owens	What's New with the GPU? GPUs as Engines for High Performance Computing
24	Anna	Pisania	Single Use Manufacturing in the Biotech Industry
25	Lei	Qiu	A Guided Wave-Gaussian Mixture Model for Reliable Damage Evaluation under Time-Varying Conditions and the Validation in a Full-Scale Aircraft Fatigue Test
26	Junle	Qu	Combined remote LIBS and RRS at stand-off distances
27	Amina	Qutub	Big Data in Medicine: Uncovering Design Principles of Human Cells
28	Tamas	Sarlos	Fastfood - Approximating Kernel Expansions in Loglinear Time
29	Steve	Skerlos	Carbon Mitigation and Least-Cost Technology Pathways
30	Liang	Song	Intravascular photoacoustic/ultrasonic multi-scale, multimodality imaging of atherosclerosis

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31	Yonghui	Song	Enhanced adsorption and degradation of phenolic pollutants in water by MWCNTs modified laccase-carrying electrospun fibrous membranes
32	Chee Wei	Tan	Big Data Analytics for Cyberspace Security and Intelligence in Complex Networks
33	Patrick	Underhill	Complex fluids: Applications in biological and non-biological materials
34	Curtis	VanValkenburgh	High Speed Rotary Unit Operation Development where 'Microns Matter'
35	Brandon	Vogel	Production of Polymer Nanoparticles by Impingement Jets Mixing
36	AIJIE	WANG	Biocatalytic Electrolysis Coupled with Biodegradation to Deeply Remove Recalcitrant Compounds from Wastewater
37	Dazhi	Wang	Electrohydrodynamic jet-based micro/nano print-patterning manufacturing technology and MEMS devices
38	Shouyan	Wang	Intelligent brain stimulation for neurological and psychiatric diseases
39	Yujue	Wang	Electro-peroxone: a novel electrochemically driven advanced oxidation process for water and wastewater treatment
40	Xunbin	Wei	In Vivo Counting and Optical Trapping Circulating Cells (CTC)
41	Qingguo	Xie	Trans-PET: Transformer of Translational Medicine
42	Zongwei	Xu	Focused Ion Beam Nanofabrication and Applications
43	Jianfeng	Zhan	BigDataBench: an Open-source Big Data Benchmark Suite
44	Dai	Zhang	Reverse Study of Monotonic Vector Space: Get Requirements From Big Data
45	Xiaobo	Zhang	Automatic Structuration of Unstructured Data for Content based Multimedia Retrieval by CIS Cloud
46	Bin	Zhou	Big Search: the key to unlocking the true value of Big Data
47	Jun	Zhou	Flexible Generator for mobile Medication and Human Interactive System
48	Zhihua	Zhong	Innovative liquid stamping technology for large and complex thin-walled aluminum components