Introducing New Associate Editors

Computer Aided Engineering/Simulation

Kazuhiro Saitou *is an Associate Professor at Michigan with a Ph.D. from MIT. He has a long publication list in archival journals in areas of simulation and assembly modeling. He has served as Program and Conference chair of the ASME Design Automation Conference. Other research projects that he has been involved in include DFM, DFA, and DFD; planning, scheduling, and optimization, structural optimization and finite element methods.*

Term: 2009–2012

Ian R. Grosse *is Associate Professor and Co-Director for the NSF Center for e-Design, Mechanical & Industrial Engineering, University of Massachusetts Amherst. His areas of expertise are in optimization and simulation. Current and recent research projects involve interoperability, reusability, and adaptability of engineering analysis models in a web-based environment, the use of ontologies for engineering knowledge modeling, management, and sharing, FEM in biomechanics, and multimedia engineering software tutor development.*

Term: 2008–2011

Computational Geometry

Shuming Gao *is a Professor and past Associate Director of the State Key Lab of CAD&CG, Zhejiang University, Hangzhou, China. This is China's premier CAD/CAM lab. Professor Gao's expertise is in computational geometry and solid modeling. His research areas include feature based CAD/CAM, distributed and collaborative design, virtual prototyping, MEMS CAD and PLM. He has been a Visiting Professor at Fraunhofer Institute of Production and Design (IPK, Germany), and also at the Design Automation Lab at Arizona State University.*
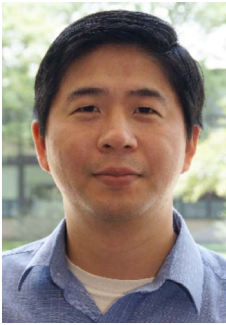
Term: 2009–2012

Sara McMains *is an Associate Professor in Mechanical Engineering at UC Berkeley. Her Ph.D. is in Computer Science from the same school. Her research areas are geometric solid modeling, computational geometry, GPU algorithms, computer graphics and visualization. She has applied geometric modeling methods to machining and injection molding.*

Term: 2008–2011

Computational Metrology

Xiaping Qian *is an Assistant Professor at Illinois Institute of Technology Chicago. His Ph.D. is from Michigan. He spent 3+ years at GE research after his Ph.D. before taking an academic position. His research area is computational metrology and reverse engineering. He also works in nano-imaging manipulation and 3D sensing and automation.*

Term: 2009–2012

AI/Knowledge Based Systems

Ashok Goel *is Associate Professor of Computer and Cognitive Science at School of Interactive Computing, Georgia Institute of Technology. His primary area is AI/knowledge based systems. He has researched case-based reasoning in design, ideation and learning algorithms.*

Term: 2009–2012

Virtual Reality/Haptics

Chris Geiger *is Professor of "Mixed Reality" at University of Applied Sciences, Düsseldorf. He previously worked for Siemens on multimedia authoring, interactive 3D animation, mobile computing and augmented reality. In 2000 he was one of the winners of the German multimedia start-up competition. He served as PC member for ISMAR05-07, Web3D conference.*

Term: 2009–2012