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**International Workshop on Design Automation for Cyber-Physical Systems**

Cyber-Physical Systems (CPS) are characterized by the strong interactions among cyber components and dynamic physical components. CPS system examples include automotive and transportation systems, smart home, building and community, smart battery and energy systems, surveillance systems, cyber-physical biochip, and wearable devices. Due to the deeply complex intertwining among different components, CPS designs pose fundamental challenges in multiple aspects such as performance, energy, security, reliability, fault tolerance and flexibility. Tackling these challenges necessitates high performance design automation techniques. This workshop will present the state-of-the-art research results on the topic of design automation for CPS, and stimulate the CAD researchers to participate in the interdisciplinary CPS research area in the future.

**June 05, 9am—5pm, Austin, TX, USA**

**Organizers**

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| Shiyan Hu | Michigan Technological University | [shiyan@mtu.edu](mailto:shiyan@mtu.edu) |
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**List of Confirmed Speakers (Keynote, Visionary and Invited Speakers)**

Prof. P.R. Kumar, Texas A&M University

Prof. Krish Chakrabarty, Duke University

Prof. Sharon Hu, University of Notre Dame

Prof. Subhasish Mitra, Stanford University

Prof. Sachin Sapatenkar, University of Minnesota

Prof. Shiyan Hu, Michigan Technological University

Prof. Xin Li, Carnegie Mellon University

Prof. Yier Jin, University of Central Florida

Prof. Chengbin Ma, Shanghai JiaoTong University

Prof. Bei Yu, Chinese University of Hong Kong

Prof. Qi Zhu, University of California at Riverside