

International Conference on Design of Experiments (ICODOE-2019)

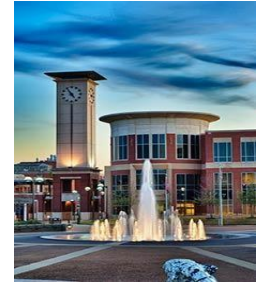
May 18 – 21, 2019

Department of Mathematical Sciences, University of Memphis

The fifth **International Conference on Design of Experiments (ICODOE 2019)** will be held at the FedEx Institute of Technology, University of Memphis, 365 Innovation Drive, Memphis, TN 38152 during **May 18 - 21, 2019**.

The ICODOE series of conferences encourages and supports early career researchers, graduate students, and underrepresented groups working in the area of experimental design. The conferences bring together outstanding researchers from across the world in experimental design and its applications in various allied fields.

More information (including registration details) can be found at: <http://www.memphis.edu/msci/icodoe2019/>



University of Memphis campus

List of Sessions

Session: Opening

Organizer: David Woods, University of Southampton, UK

Tim Waite, University of Manchester, UK
Erin Leatherman, Kenyon College
Followed by the Poster Storm

Session: Subset selection for big data

Organizer: Min Yang, University of Illinois at Chicago

Chenlu Shi, Simon Fraser University, Canada
Hongquan Xu, UCLA
John Stufken, Arizona State University

Session: Optimal design of dose-finding studies

Organizer: Sergei Leonov, ICON plc

Vlad Dragalin, Janssen Pharmaceuticals
Valerii Fedorov, ICON plc
Mike Fries, CSL Behring
Suman Sen (Novartis)

Session: Inference and adaptive designs

Organizer: Nancy Flournoy, University of Missouri

Sergey Tarima, Medical College of Wisconsin
Zhantao Lin, George Mason University
Adam Lane, Cincinnati Children's Hospital Medical Center
Nancy Flournoy, University of Missouri

Session: Randomization and causal inference

**Organizer: Tim Waite, University of Manchester, UK
and Tirthankar Dasgupta, Rutgers University**

Xinran Li, University of Pennsylvania
Zach Branson, Harvard University
Panos Toulis, University of Chicago

Session: Computer experiments

**Organizer: Peter Chien, University of Wisconsin - Madison
and Qiong Zhang, Clemson University**

Qiong Zhang, Clemson University
Ryan Lekivetz, JMP
Tzu-Hsiang Hung, University of Wisconsin - Madison

Session: Bayesian optimal design with physical models

Organizer: Youssef Marzouk, MIT

Omar Ghattas, University of Texas at Austin
Xun Huan, University of Michigan
Markus Hainy, Johannes Kepler University Linz, Austria
Antony Overstall, University of Southampton, UK

Session: Computational aspects of optimal experimental design

**Organizer: Radoslav Harman, Comenius University in Bratislava,
Slovakia**

Elisa Perrone, MIT
Wei Zheng, University of Tennessee
Radoslav Harman, Comenius University in Bratislava, Slovakia

Session: New developments in factorial design

Organizer: Hongquan Xu, UCLA

William Li, Shanghai Jiao Tong University, China
Lin Wang, UCLA
Frederick K.H. Phoa, Academia Sinica, Taiwan

Session: Discrete choice experiments

Organizer: Deborah Street, University of Technology Sydney, Australia

Martina Vandebroek, KU Leuven University, Belgium
Brendan Mulhern, University of Technology Sydney, Australia
Ben White, SurveyEngine, Germany

Session: Generating designs for multiple objectives

Organizer: Brad Jones, JMP

Olga Egorova, University of Southampton, UK
Anna Errore, University of Minnesota
Brad Jones, JMP

Session: Computer experiments with big n

Organizer: Will Welch, University of British Columbia, Canada

Robert Gramacy, Virginia Tech
Sonja Surjanovic, University of British Columbia, Canada

Session: Designs for online experiments

Organizer: David Steinberg, Tel Aviv University, Israel

Jiannan Lu, Microsoft Corporation
Sol Sadeghi, Microsoft Corporation
Nathaniel Stevens, University of Waterloo
Paul Li, Microsoft Corporation

Session: Experimental design thinking for large-scale statistical analyses

Organizer: Xinwei Deng, Virginia Tech

Shifeng Xiong, Chinese Academy of Science, China
Youngdeok Hwang, Sungkyunkwan University, South Korea
Yiyou Li, DePaul University

Session: Design-based analysis of experiments

Organizer: Maria Weese, University of Miami, Ohio

Jon Stallrich, North Carolina State University
David Edwards, Virginia Commonwealth University
Chris Nachtsheim, University of Minnesota

Session: Multi-stage designs and blocking

Organizer: Angela Dean, The Ohio State University

Rosemary Bailey, University of St Andrews, UK
Ming-Chung Chang, National Central University, Taiwan
Rakhi Singh, University of Dortmund, Germany

Session: Robust design

Organizer: Doug Wiens, University of Alberta, Canada

Julie Zhou, University of Victoria, Canada
Rui Hu, MacEwan University, Canada
Xiaojian Xu, Brock University, Canada

Session: Agent-based simulation experiments: insights and examples

Organizer: Susan Sanchez, Naval Postgraduate School

Susan Sanchez, Naval Postgraduate School
Eric Applegate, Purdue University
Jeffrey Parker, Naval Postgraduate School

Session: Design for discrete data

Organizer: John Stufken, Arizona State University

Ming-Hung (Jason) Kao, Arizona State University
Abhyuday Mandal, University of Georgia