

SIAM Conference on Uncertainty Quantification 2018

Garden Grove, California, USA
16 - 19 April 2018

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2018 SIAM Conference on Uncertainty Quantification At-A-Glance

Sunday, April 15

Monday, April 16

Monday, April 16

5:00 PM - 8:00 PM

Registration
Grand Ballroom E - 1st Floor

Monday, April 16

7:00 AM - 5:00 PM

Registration
Grand Ballroom E - 1st Floor

8:00 AM - 8:15 AM

Opening Remarks
Grand Ballroom ABCD - 1st Floor

8:15 AM - 9:00 AM

IP1 Scalable Algorithms for PDE-Constrained Optimization Under Uncertainty
Omar Ghattas, University of Texas at Austin, USA.....1
Grand Ballroom ABCD - 1st Floor

9:00 AM - 9:30 AM

Coffee Break
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9:30 AM - 11:30 AM

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11:30 AM - 1:00 PM

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Attendees on their own

1:00 PM - 1:45 PM

IP2 On Gradient-Based Optimization: Accelerated, Stochastic and Nonconvex
Michael I. Jordan, University of California, Berkeley, USA1
Grand Ballroom ABCD - 1st Floor

1:45 PM - 2:00 PM

Intermission

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Grand Ballroom ABCD - 1st Floor

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IP3 A Contemporary View of High-dimensional Quasi Monte Carlo

Ian H. Sloan, University of New South Wales, Australia.....1

Grand Ballroom ABCD - 1st Floor

11:30 AM - 1:00 PM

Lunch Break

Attendees on their own

1:00 PM - 1:45 PM

IP4 Model Uncertainty and Uncertainty Quantification

Merlise Clyde, Duke University, USA
Grand Ballroom ABCD - 1st Floor1

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Tuesday, April 17

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Wednesday, April 18

7:45 AM - 5:00 PM

Registration
Grand Ballroom E - 1st Floor

8:10 AM - 10:10 AM

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10:40 AM - 10:45 AM

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10:45 AM - 11:30 AM

IP5 Three Principles of Data Science: Predictability, Stability, and Computability
Bin Yu, University of California, Berkeley, USA1
Grand Ballroom ABCD - 1st Floor

11:30 AM - 1:00 PM

Lunch Break
Attendees on their own

11:45 AM - 12:45 PM

PD1 Forward Looking Panel: Emerging Issues in UQ
Grand Ballroom ABCD - 1st Floor

1:00 PM - 1:45 PM

IP6 Multi-level and Multi-index Monte Carlo Methods in Practice
Fabio Nobile, École Polytechnique Fédérale de Lausanne, Switzerland2
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Intermission

2:00 PM - 4:00 PM

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Wednesday, April 18

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Closing Remarks
Grand Ballroom ABCD - 1st Floor

10:45 AM - 11:15 AM

SP1 SIAG/Uncertainty Quantification Early Career Prize Lecture - Multilevel Markov Chain Monte Carlo Methods for Uncertainty Quantification
Aretha L. Teckentrup, University of Edinburgh, United Kingdom.....2
Grand Ballroom ABCD - 1st Floor

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IP7 Data Assimilation and Uncertainty Quantification — A Lagrangian Interacting Particle Perspective
Sebastian Reich, Universität Potsdam, Germany and University of Reading, United Kingdom2
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Thursday, April 19

Thursday, April 19

12:00 PM - 1:30 PM

Lunch Break

Attendees on their own

1:30 PM - 2:15 PM

IP8 Good and Bad Uncertainty: Consequences in UQ and Design

Johannes O. Royset, Naval Postgraduate School, USA2

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Key to abbreviations and symbols

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- CP = Contributed Presentation Session
- IP = Invited Plenary Speaker
- MS = Minisymposium
- MT = Minitutorial
- PD = Panel Discussion
- PP = Poster Session
- SP = Special Lecture