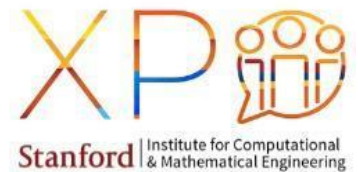


Virtual Xpo Conference
Thursday, May 28, 2020
9:00 am – 12:50 pm PDT



- 09:00-09:20am **Computational Math is Everywhere**
Presented by Prof. Gianluca Iaccarino, ICME Director
- Update on ICME research, curriculum, and impact
- 09:20-10:00am **Computational Math: Human Centered**
Moderated by Alison Marsden, Prof. of Pediatrics and Bioengineering
- Gabe Maher, ICME PhD student – “Acceleration and Geometric Uncertainty Quantification of Patient-Specific Cardiovascular Modeling with Neural Networks”
 - Julia Palacios, Prof. of Statistics and of Biomedical Data Science
 - Sylvia Plevritis, Prof. and Chair of Biomedical Data Science and Prof. of Radiology – “Reconstructing Tumor Microenvironment Interactions through Integrative Single Cell Analysis”
 - Q&A
- 10:00-10:10am **Break**
- 10:10-11:00am **Computational Math: Society Centered**
Moderated by Ashwin Rao, ICME Faculty
- Ashish Goel, Prof. of Management Science and Engineering – “Decision Making at Scale”
 - Allison Koenecke, ICME PhD student – “Racial Disparities in Automated Speech Recognition”
 - Alan Gous, ICME Faculty – “What’s the Use of Privacy?”
 - Peter Glynn, Prof. of Management Science and Engineering – “Analytics When the Data Quality is Bad: COVID-19 Hospital Operations”
 - Q&A
- 11:00-11:10am **Break**
- 11:10-11:50am **Computational Math: Planet Centered**
Moderated by Gianluca Iaccarino
- Catherine Gorré, Prof. of Civil & Environmental Engineering – “Computational Wind Engineering for Sustainable Buildings and Cities”
 - Rahul Sarkar, ICME PhD student – “Can a Quantum Computer Help in Creating a Sustainable Future?”
 - Biondo Biondi, Prof. of Geophysics – “Taking the Pulse of Our Cities by Fiber-Optic Seismology”
 - Q&A
- 11:50-12:00pm **Break**
- 12:00-12:15pm **AI for Good**
- Key takeaways from the ICME 2020 Seminar Class
Karen Matthys, ICME Executive Director, External Partners and AI for Good Co-Instructor

12:15-12:40pm

NeurIPS 2019 Highlights

- James Zou, Prof. of Biomedical Data Science – “How to Make AI Forget You? Adventures in Making Algorithms More Grown-Up”
- ICME PhD Students' panel: Ines Chami, Tetiana Parshakova, and Junzi Zhang
- Q&A

12:40-12:50pm

Wrap-Up