09:00-09:20 am  **Computational Math is Everywhere**  
*Presented by Prof. Gianluca Iaccarino, ICME Director*  
- Update on ICME research, curriculum, and impact

09:20-10:00 am  **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

10:00-10:10 am  Break

10:10-11:00 am  **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

11:00-11:10 am  Break

11:10-11:50 am  **Computational Math: Planet Centered**  
*Moderated by Gianluca Iaccarino*  
- Catherine Gorlé, 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

11:50-12:00 pm  Break

12:00-12:15 pm  **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**
- ICME PhD Students’ panel: Ines Chami, Tetiana Parshakova, and Junzi Zhang
- Q&A

12:40-12:50pm **Wrap-Up**