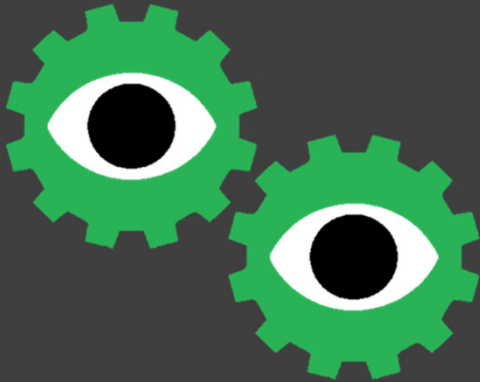


# ASME CIE SEIKM PANEL

## The Role of Hackathon Mechanism in Promoting Data Science in Mechanical Engineering Research and Education: Perspectives from Academia and Industry



August 15, 2022

4:10 – 5:50 pm

Room Midway Suites 9-11  
St. Louis Union Station Hotel  
St. Louis, Missouri

**HOST** **Dr. Hyunwoong Ko**

*Assistant Professor, Arizona State University  
Chair, ASME CIE SEIKM Hackathon 2022*

**CO-HOST** **Dr. Zhuo Yang**

*Research Associate, National Institute of  
Standards and Technology (NIST)  
Chair, ASME CIE SEIKM TC 2022*

### PANEL DISCUSSION & HIGHLIGHTS

- Ways and mechanisms to build academia-industry relationships in providing ME students with practical data-driven engineering problems and hands-on experiences
- Strategies to train the data-literate mechanical engineers that can harness the data revolution in different engineering fields
- Connection/gaps between data science education in the classroom and data science applications in industry

### PANELISTS



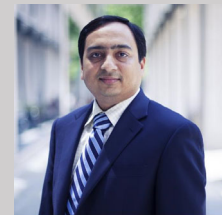
**Dr. Zhenghui Sha**

*Assistant Professor, UT Austin  
Chair, ASME CIE SEIKM TC, 2018-2019  
Chair (2020) and Co-chair (2021-2022),  
ASME-CIE Hackathon*



**Dr. Yan Lu**

*Group Leader, Information Modeling and  
Testing Group, NIST  
Chair, ASME CIE SEIKM TC, 2019-2020  
Co-chair, ASME-CIE Hackathon 2021-2022*



**Dr. Nikhil Gupta**

*Professor, Department of  
Mechanical and Aerospace  
Engineering, NYU*



**Ye Wang**

*Principal Research Scientist and  
Strategic Manager, Autodesk, Inc.*



**Daniele Grandi**

*Sr. Research Engineer,  
Autodesk, Inc.*