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.

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