

Institute Descriptions 2022

IEER 2022

This workshop provides participants with a high level overview of the knowledge required to design and facilitate research studies in engineering education. The workshop will offer a history of the field of engineering education research, an overview of the steps in designing engineering education research studies, and a guide to defining research questions. You'll delve into the role of knowledge traditions in the research process, and consider how to create a research project that's well aligned between research questions, philosophy, frameworks, methodology & methods.

Participants will learn about key methodologies used in Engineering Education research, namely qualitative, quantitative, mixed methods and design-based research, with a focus on the terminologies, mindsets, key methods, and approaches.

The workshop design includes a mix of direct instruction and active learning activities. Participants will have opportunities for collaboration and networking.

Workshop Facilitators:

Marnie Jamieson, University of Alberta
Susan McCahan, University of Toronto
Robyn Paul, University of Calgary
Lisa Romkey, University of Toronto
Jillian Seniuk Cicek, University of Manitoba