



# Anchoring conversations: Connection, collaboration and co-creation for the future



17-21 November 2025



Future Africa, Pretoria, South Africa

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## PhD SUMMER SCHOOL IN ENGINEERING EDUCATION RESEARCH

Part of the Combined 10<sup>th</sup> IRSPBL, 7<sup>th</sup> SASEE, and 5<sup>th</sup> SoTL in the South Conference

### 21-23 November 2025 PROGRAMME

WHEN	WHAT	DESCRIPTION	WHO
21 November 2025			
09:00-09:30	Welcome and Introduction		Corrinne Shaw & Kristina Edström
09:30-10:45	Who is who	We start by getting to know each other through an interactive session.	Corrinne Shaw & Kristina Edström
10:45-11:15	TEA/COFFEE BREAK		

11:15-12:00	<b>The Engineering Education Research (EER) landscape</b>	Reflections on a research field – who we are, what we do, and why. What are the implications, and how can we navigate?	Kristina Edström
12:00-12:30	<b>Setting goals for this week</b>	A time to set up your personal goals for the rest of the week and shared your questions with other participants and mentors in small groups.	Corrinne Shaw & Kristina Edström
12:30-13:30	<b>LUNCH BREAK</b>		
13:30-14:30	<b>Knowledge, Power, and Place: Philosophical Perspectives on Ethics and Epistemology in Engineering Education</b>	This session will immerse participants in the philosophical underpinnings of knowledge and ethics, anchored in African philosophy, decolonial critique, and feminist theory. We will explore how epistemology is deeply connected to questions of power, identity, and context in engineering and science education.	Siseko Kumalo
14:30-15:00	<b>TEA/COFFEE BREAK</b>		
15:00-16:30	<b>Poster Dialogues: Reflecting on Knowledge, Power, and Place</b>	In small teams, PhD students and Academic Mentors will collaborate to create a poster that captures their reflections and interpretations of the preceding session, translating philosophical insights into shared visual and conceptual narratives.	Corrinne Shaw & Siseko Kumalo
16:30-16:45	<b>COMFORT BREAK</b>		
16:45-17:20	<b>Q-Sort Reflections: Mapping Personal Perceptions</b>	Participants will engage in a structured Q-sorting exercise	Aida Guerra & Lelanie Smith
17:30	<b>GAME DRIVE</b>		
19:00	<b>DINNER</b>		
<b>WHEN</b>	<b>WHAT</b>	<b>DESCRIPTION</b>	<b>WHO</b>
<b>22 November 2025</b>			
09:00-12:00	<b>Sustainability in Engineering Education Research</b>	This session positions sustainability as a core imperative in doctoral research, drawing on African and European case studies to explore PBL, ESD, curriculum innovation, and the tensions between employability, change, and sustainable futures.	Anders Rosén
12:00-13:00	<b>LUNCH</b>		
13:00-14:30	<b>Design of Educational Research: Bridging Research and Practice</b>	An introduction to Educational Design Research (EDR) as a use-inspired approach that connects educational design and research, aiming to both address complex teaching challenges and advance theoretical understanding through collaborative, stakeholder-driven processes.	Nicky Wolmarans & Karin Wolff

14:30-15:00	<b>TEA/COFFEE BREAK</b>		
15:00-16:00	<b>Making Sense with Q: Perspectives and Patterns</b>	This session introduces the principles of Q methodology, highlighting its value for exploring subjectivity, and then unpacks participants' own Q-sorts in relation to the factor analysis to reveal shared perspectives and differences.	Aida Guerra & Lelanie Smith
16:00-16:15	<b>COMFORT BREAK</b>		
16:15-17:20	<b>Reflection session</b>	At the end of the day, we take some time to reflect on what has happened.	Participant & Mentors
17:30	<b>GAME DRIVE</b>		
19:00	<b>DINNER</b>		
<b>WHEN</b>	<b>WHAT</b>	<b>DESCRIPTION</b>	<b>WHO</b>
<b>23 November 2025</b>			
09:00-11:30	<b>What makes a successful paper?</b>	This morning we will focus on qualities of manuscripts (and pitfalls) and how to navigate the review process. We will also discuss how journals work, good research practice, co-authorship, how to keep developing as author, and how to disseminate your research. We will also discuss the process of writing for a conference and then developing it to a journal manuscript.	Kristina Edström, Bruce Kloot, Shannon Chance
11:30-12:30	<b>Final reflections &amp; Plenary Closure</b>	Reflecting on your goals/full week (small-group session) & looking forward	Participant & Mentors
12:30-13:30	<b>LUNCH &amp; DEPARTURE</b>		