



[INSTEAD VII - Workshop on Innovative Teaching Methodologies for Math Courses on Engineering Degrees](#)

Zoom links: Monday, July 5th	
TIME (GMT+1)	
9:00-9:15	Registration
9:15-9:30	Opening ceremony
	Session 1 Noah Dana-Picard, Jorge Mendonça Chairs:
9:30-09:50	STEAM Education: Covid-19 crisis, students' cultural background and intricate technologies. <i>Thierry Dana-Picard and Sara Hershkovitz</i>
09:50-10:10	Teaching Mathematics in the 21st century. The principles of the iTEM project <i>Konstantinos Petridis</i>
10:10-10:30	Developing new digital tools to improve Mathematics teaching for engineering students. <i>Mirela Vinerean-Bernhoff</i>
10:30-10:40	Break
	Session 2 Geoffrey Wake, Deolinda Rasteiro Chairs:
10:40-11:00	Learning about students' learning of mathematics in transition to university study of Engineering <i>Geoffrey Wake</i>
11:00-11:20	What Covid-19 taught or confirmed that should perdure? <i>Deolinda Rasteiro</i>
11:20-11:40	Agile Teaching and Learning Method in undertaking the challenges in Engineering course feedback. <i>Nehreen Majed</i>
	Parallel Sessions
	Parallel Session I Chairs: Manuela Carvalho, Marisa Oliveira
11:45-12:00	Statistical Approaches to Compare the Assessment Outcomes Between Two Innovative Learning Methodologies <i>Cleginaldo Carvalho</i>
12:00-12:15	Solids of revolution inside Augmented Reality <i>Cristina Caridade</i>

Zoom links:		Monday, July 5th
TIME (GMT+1)		
12:15-12:30	Face-to-face or online classes: what is the preference of mechanical engineering students? <i>Marina Duarte, Fátima Monteiro</i>	
12:30-12:45	Engagement of engineering students with maths support <i>Farhana Gokhool</i>	
	Parallel Session II Chairs: Maria Hermínia Ferreira, Lurdes Babo, Maria Manuel Nascimento	
11:45-12:00	The Didactic Model of Mathematics in Context as a Teaching Strategy in Engineering <i>Eloíza Gomes, Barbara Lutaif Bianchini and Gabriel Loureiro de Lima</i>	
12:00-12:15	Hands-on and Remote Lab in an Engineering Statistics Course <i>Marcelo Zannin da Rosa, Natércia Lima, Carla M.A. Pinto</i>	
12:15-12:30	Didactic Suitability Analysis in a Linear Algebra Class <i>Edson Cruz, Maria Manuel Nascimento, J. Matias</i>	
12:30-12:45	Swot Analysis: visualization through students' eye <i>Nárcisz Kulcsár</i>	
12:30-14:15	Lunch	
14:00-14:10	MUSICAL INTERLUDE - TAISEP	
14:15-14:30	Opening Round Table	
14:30-16:00	Round Table "How well are Higher Education Institutions training students to handle the VUCA world?"	
16:00-16:10	Break	
	Session 3 Sílvia Spínola, Rui Rocha	Chairs:
16:10-16:30	Agile Mindset, Frameworks, and Practices for Education <i>Sarah Paikin</i>	
16:30-16:50	Developing inclusive curriculum <i>Kauser Jahan</i>	
16:50-17:10	The Practical Aspects of Teaching an Agile Classroom: A Panacea in the Age of COVID Crisis <i>Hana Siddiquee</i>	
17:10-17:30	Teaching Agile and Waterfall Project Management in a Technical University <i>Radovan Kacin</i>	
	Closing Ceremony	