TSG44 at ICME 14: Schedule (version July 5, 2021)

If you plan to attend TSG44 and want to read the papers beforehand, please write to winslow@ind.ku.dk

SESSION	PROGRAMME
July 13, 19.30-21.00 (90 min.) (above is Shanghai clock = UTC+8) Chair: Carl Winsløw	**Introduction and welcome to TWG44** (WINSLØW, 5 mins)
	Long Oral 1 (20 min pres. + 10 min questions) GARCIA (2) *Interdisciplinary mathematics education: some reflections from the anthropological theory of the didactic*
	Long Oral 2 (20 min pres. + 10 min questions) NEZU & MIYAKAWA (3) *Interdisciplinary inquiry-based learning with queueing situations: investigating the questions triggering mathematical activities*
	Short Oral 1 (5 min pres.) GARCIA & VASQUEZ (1) *A classroom experience : vector concept*
	Short Oral 2 (5 min pres.) KUS & CAKIROGLU (3) *Students' use of geometric cues in an art studio: scaling of artworks*
	Discussion in small groups on Short Oral 1-2 (15 mins)
July 16, 21.30-23.00 (90 min) (above is Shanghai clock = UTC+8) Chair: TBA	**Long Oral 3** (20 min pres. + 10 mins questions) CEPADA,VAZQUEZ & GONZALEZ (2) *Posing a generating question with the pedagogy of questioning the world : the case of GPS coordinates*
	Long Oral 4 (20 min pres. + 10 min questions) SAVARD & CAVALCANTE (3) *Mathematics and financial education : how do they intersect together?*
	Short Oral 3 (5 min pres.) BASU & PANORKOU (1) *Task design features for integrating covariational reasoning with science*
	Short Oral 4 (5 min pres.) LASA ET AL (0) *STEM projects as didactical situations in mathematics: theoretical frame to construct algebraic institutional meanings*
	Short Oral 5 (5 min pres.) VALOVICOVA & MEDOVA (1) *Physical measurements as an environment supporting primary pupils reasoning about central tendency*
	Discussion in small groups on Short Oral 3-5 (15 mins)
July 17, 14.30-16.30 (120 min) (above is Shanghai clock = UTC+8) Chair: Rita B. Ferri	**Long Oral 5** (20 min pres. + 10 mins questions) BRANCHETTI, BARELLI, BARQUERO & ROMERO (1) *Questioning interdisciplinarity within teacher education : a module on the evolution of the COVID-19 pandemic*
	Long Oral 6 (20 min pres. + 10 min questions) NGUYEN (2) *A situation of interdisciplinary mathematics education in context of protecting water resources*
	Break (5 mins)
	Short Oral 7 (5 min pres.) PHILLIPS (0) *Transdisciplinary and interdisciplinary mathematics in the international baccalaureate*
	Discussion on Short Oral 7 (15 mins)
	Common discussion, networking in small groups, publication plans (35 mins)

Numbers in red are authors, in the parenthesis: approximate subtheme, as stated in the call for papers:

- Subtheme 1 : *Mathematics and the study of nature*: here we consider the ways in which mathematics interacts with teaching and learning of subjects such as physics, biology, chemistry etc.
- Subtheme 2 : *Mathematics and technology* : interactions with the study and use of technology in a broad sense, comprising digital technologies, technological innovation and engineering
- Subtheme 3 : *Mathematics and the study of human activity and society*, including business and enterprises, economy, creative fields such as art and music, philosophy, history etc.

(marked 0 if pertaining to more of the themes)