



ICME 11 Mexico 2008

11th International Congress on Mathematical Education

Topic Study Group 24: Research on classroom practice

Timetable

(Each oral presentation have 24 minutes including questioning)

Tuesday First session: 1 hour

12h- 12.12	Presentation and organization of TSG24 meeting by Co-chairs (Guy) (All in Room A)	
12.12-13h 2 presentations de 24 minutes	Room A	Room B
	02 Organization of the study in 10th grade classes analysis of the didactical contracts 08 The explanation of the teachers. An experience study of the notion of similarity in upper middle level	01 Solving Mathematical Word Problems in Primary Grades 05 Confucian Heuristics and Mathematics Teaching in Shanghai: Qifa Shi Teaching

Wednesday Second session: 1h 30

12h -13.30	Room A	Room B
3 presentations de 24 minutes	04 Studying arguments in mathematics classroom. A case study 07 A theoretical characterization of service mathematics 10 The reproducibility phenomenon in the context of teacher-student interactions.	11 Supporting secondary novices' efforts to implement a Pedagogy consonant with the NCTM teaching standards 12 Motion sensor: a learning tool for reading function graphs 15 Exploring functional relationships to foster Algebraic thinking in grade 8
12 minutes	Questions and debates (All in Room A)	

Friday Third session: 1hour

12.30 -13.30	Room A	Room B
2 presentations of 24 minutes	<p>14 Communication in the classroom: practice and Reflection of a mathematics teacher</p> <p>17 Tensions in integrating mathematics and other school disciplines: Cases from classroom teachers in South Africa</p>	<p>16 A glimpse of a mathematical enculturator in Chinese mathematics classrooms: an example from a shanghai lesson</p> <p>18 A trajectory to generalization: the teacher's support to pupils' mathematical investigations in the classroom</p>
12 minutes	(All in Room A) 06 Status and methods of observation of classroom practices: Pieces of discussion from the example of the COREM (Chopin presented by Guy)	

Saturday Fourth session: 1 30 hour

12 -13.30	Room A	Room B
2 presentations of 24 minutes	<p>21 A-didactical situation in multicultural primary school</p> <p>22 Sharpening Teaching Ability in K-8 Mathematics Classrooms</p>	<p>19 Secondary school students' understanding of the Concept of function</p> <p>20 The Impact of Written Reflections in a Geometry Course for Preservice Elementary Teachers</p>
30 minutes	Questions and debates (All in Room A)	
12 minutes	Perspectives and conclusions Co Chair (Ida) (All in Room A)	

List of authors, Titles, day/room etc.

No.	Author (s)	Title	Level (s)	Papers related	Day/ Room
01	Shuhua An, Zhonghe Wu, Joyce King	Solving Mathematical Word Problems in Primary Grades	Primary grades	5, 9, 11,22	Monday B
02	Floria Arias, Andrea Araya	Organization of the study in 10th grade classes analysis of the didactical contracts	10 th	3, 7, 6, 8	Monday A
03	Guy Brousseau	Notes on the observation of classroom practices	COREM	2, 6, 7, 8	(dist)
04	Guadalupe Cabañas Ricardo Cantoral	Studying arguments in mathematics classroom. A case study	University	21	Wednesday A
05	Yiming Cao	Confucian Heuristics and Mathematics Teaching in Shanghai: Qifa Shi Teaching	7 th	1, 5, 9,11,22	Monday B
06	Marie-Perrin Chopin, Denise Greslard Marie-Hélène Salin	Status and methods of observation of classroom practices: Pieces of discussion from the example of the COREM	COREM	2, 3, 6, 8	Wednesday A (presented by Guy)
07	Olivia Gill, John O'Donoghue	A theoretical characterization of service mathematics	University	2,3, 6, 8	Wednesday A
08	Hermes Nolasco Santiago Ramiro Velázquez	The explanation of the teachers. An experience study of the notion of similarity in upper middle level	High school	2, 7	Monday A
09	Kai Fai Ho	Two Grade 5 teachers' enactment of mathematical problem solving and their classroom talk: contrasting approaches	Primary school 5 th	1,5, 9, 11,22	(dist) (He cannot attend)
10	Javier Lezama	The reproducibility phenomenon in the context of teacher-student	High school And university		Wednesday A

		interactions	students (1 st)		
11	Gary Lewis	Supporting secondary novices' efforts to implement a Pedagogy consonant with the NCTM teaching standards	Secondary professors	1,5,9,22	Wednesday B
12	Maria Lucia Lo Cicero Filippo Spagnolo	Motion sensor: a learning tool for reading function graphs	Primary and high school	15, 19, 20	Wednesday B
13	Christine Mangiante	A study regarding the genesis of the primary teachers' practices who teach mathematics	Primary school	7, 14, 17	(dist) (Mangiante cannot come)
14	Maria Helena Marthino Pedro João da Ponte	Communication in the classroom: practice and Reflection of a mathematics teacher	Primary school (5 th)	7, 13, 17	Wednesday A
15	Ana Matos João Pedro da Ponte	Exploring functional relationships to foster Algebraic thinking in grade 8	Secondary (8 th)	12,19,20	Wednesday B
16	Ida Ah Chee Mok	A glimpse of a mathematical enculturator in Chinese mathematics classrooms: an example from a shanghai lesson	7 th	18	Wednesday B
17	Willy Mwakapenda	Tensions in integrating mathematics and other school disciplines: Cases from classroom teachers in South Africa	University teachers	7, 13, 14	Saturday A
18	Hélia Oliveira	A trajectory to generalization: the teacher's support to pupils' mathematical investigations in the classroom	8 th	17	Wednesday B
19	Manuel Joaquín Saravia Ana Madalena Teixeira	Secondary school students' understanding of the Concept of function	Secondary school	12, 15, 20	Saturday B
20	Hortensia Soto-Johnson, RaKissa Dodgen Cribari	The Impact of Written Reflections in a Geometry Course for Preservice Elementary Teachers	Preservice elementary teachers	12, 15, 19	Saturday B

	Ann Weeler				
21	F. Spagnolo, B. Di Paola	A-didactical situation in multicultural primary school	Primary school	04,	Saturday A
22	Zhonghe Wu, Lanying Li,	Sharpening Teaching Ability in K-8 Mathematics Classrooms	8 th	1,5,9,11,22	Saturday B