

Title of DG: Sharing experiences about the Capacity and Network Projects initiated by ICMI

Organisers:

Alphonse Uworwabayeho, University of Rwanda-College of Education

Angelina Bijura, Aga Khan University's Institute for Educational Development, East Africa based in Tanzania

Veronica Sarungi, Aga Khan University's Institute for Educational Development, East Africa based in Tanzania

Peter Kajoro, Aga Khan University's Institute for Educational Development, East Africa based in Tanzania

Anjum Halai, Aga Khan University's Institute for Educational Development, East Africa based in Tanzania

Ferdinando Arzarello, Università di Torino Via Carlo Alberto, 10

Mamadou Souleymane Sangaré, Ecole Normale Supérieure in Bamako

Maitree Inprasitha,

Ange Ruiz,

Bill Barton,

Yuriko Baldin

Short description of the Discussion Group: aims and underlying ideas

The Capacity and Network Project (CANP) is a development project of the International Commission of Mathematical Instruction (ICMI) supported by the International Mathematical Union (IMU), UNESCO and the International Council of Scientific Unions (ICSU) as well as regional governments and institutions. The project is a response to Current Challenges in Basic Mathematics Education (UNESCO, 2011), which includes a call not just for mathematics education for all but for a mathematics education of quality for all. Five CANPs have been organised so far. The purpose of the Discussion Group at ICME 13 consists in sharing experience about challenges and opportunities in preparing for a CANP event. Discussions will be guided by the following key questions: what are key issues that impact mathematics learning and achievement in developing contexts (e.g. poverty, gender, linguistics, regional marginalization) ? What are the similarities and differences from the different CANP regions/events? What significant role networks can play in building synergies across disciplines and geographies with regard to this issue?

Planned structure:

Tuesday, 16.30-18.00:	Topic	Material / Working format /
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		presenter
16:30 – 16:40	Formal Opening and outline of objectives and structure of discussion group	PPT by A. Uworwabayeho
16:40 – 17:15	Question 1: Preparing for CANP – opportunities and challenges	Mixed groups from different CANPs, presentations and consolidation of responses led by M. Souleymane Sangaré
17:15 – 17:55	Question 2: Key issues that impact mathematics learning and achievement – similarities and differences across CANPs (location and time)	Mixed groups from different CANPs (15 minutes) + Presentations (about 5 minutes per group) led by V. Sarungi
17:55 – 18:00	Wrap up	A. Bijura & P. Kajoro

Friday, 16.30-18.00:	Topic	Material / Working format / presenter
16:30 – 16:35	Outline of tasks	PPT by A. Uworwabayeho
16:35 – 16:50	Consolidation of responses for questions 1 and 2 from Session 1	A. Bijura
16:50 – 17:20	Question 3 – The role of networks in building synergies across disciplines and geography to address the issue of lack of capacity and fragmentation	Four people could take lead – three to provide inputs of their views (preferably from the three regions – Africa, Asia and Americas/Caribbean) and the fourth person to moderate plenary discussions
17:20 – 17:45		A 3 minute presentation by each CANP with 2 minutes for reactions
17:45 – 17:55	Looking ahead: Questionnaire about CANP	F. Arzarello
17:55 – 18:00	Conclusion and Group Photo	A. Uworwabayeho