

ICMI

International Commission on Mathematical Instruction



www.mathunion.org/icmi



CAPACITY AND NETWORK PROJECT

AIMS:

- To enhance the mathematical capacity of those educating and training secondary school teachers in developing regions
- To promote and sustain effective networks of mathematicians, mathematics teacher educators and mathematics teachers in these regions.

STRUCTURE:

Each programme has at its centre a two-week workshop of 40 to 50 people about half of which are drawn from the host country and half from regional neighbours. An evaluation and one-year follow-up is part of each programme. The experiences of earlier programmes are used for the design of later ones.

There is one new programme in a different developing region each year (since 2011):

- Mali in September 2011, follow up 2012 Senegal
- Costa Rica in 2012, follow up 2013 in the Dominican Republic
- Cambodia in 2013, follow up 2014 in Thailand (planned)
- Tanzania 2014, follow up 2015
- Peru 2015/ 2016, follow up 2017

The target group is primarily secondary school mathematics teacher educators but also includes mathematicians, researchers, policy-makers and secondary school teachers.

Each workshop has associated activities such as public lectures, satellite workshops for students and exhibitions.

The co-ordination of the workshop is undertaken by a group of nine comprising of four mathematics educators, two of which are international and two drawn from the region, four mathematicians with the same two international and two regional makeup, a local coordinating committee and the national contact people.

The workshop is focused on providing teacher educators in the region with enhanced mathematical and pedagogical expertise, based on the idea that continued updating and development both in mathematical knowledge and contemporary pedagogical research and techniques will be the basis for continued collaborative activity.

Each programme, and in particular the workshop, will build on current activities in the region and will not seek to reproduce or compete with existing development programmes.

Past CANP Programs have received support from the International Council of Science (ICSU), UNESCO, International Mathematical Union and IMU-CDC, ICSU Regional Office for Latin America and the Caribbean and ICSU Regional Office Africa, ICIAM, the International Centre for Pure and Applied Mathematics (CIMPA), the SCAC of the Embassy of France in Mali, Joseph Fourier University in Grenoble, Ministry of Education, Literacy and National Languages of Mali, FAST University of Bamako, the Inter-American Committee on Mathematics Education CIAEM, MEXICO's Mathematics Research Center CIMAT, the Ministry of Public Education of Costa Rica, the University of Costa Rica, Aga Khan University Tanzania, and the IMU Secretariat in Berlin, Germany.