cimpa
NEWSLETTER

Vientiane (Laos) CIMPA research school 2014

Edy Tri Baskoro

Foreword

Southeast Asia is a unique region, not only in the view of political but also in mathematical perspectives. Five years after the ASEAN was declared in Bangkok, the Southeast Asian Mathematical Society (SEAMS) was founded in 1972 as the result of a Southeast Asian tour by our founding presidents Prof. Wong Yung Chow (Hong Kong University) and Prof. Teh Hoon Heng (Nanyang University). This society was formed from the common spirit of solidarity to promote the advancement of mathematical science in Southeast Asia by the support of the mathematicians in the region. Since its birth, SEAMS has given a great impact to the formation of national mathematical societies in the region. At the early stage of its establishment, biennial meetings of the Society were held from 1972-1988 in different places in Southeast Asia. The aims were to discuss research findings and to exchange views on the development of mathematics and mathematical education.

The need for sharing information about educational system among the countries has resulted in the commitment in holding Southeast Asian Conference on Mathematics Education (SEACME) series every 3 years, since 1978. This series is usually followed by a number of activities, and they gave more national impact rather than regional, since a huge of involvement of local teachers in the forum.

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research schools

june

1 - 12
II Latin American School of Algebraic Geometry and Applications,
Cabo Frio (Brazil)

29 - 12
Leavitt path algebras and graph C*-algebras,
Izmir (Turkey)

july

6 - 17
Random processes and optimal configurations in analysis,
Buenos Aires (Argentina)

6 - 17
Summer School on Current Research in Finite Element Methods,
Mumbai (India)

july

19 - 31
Algebraic Representation Theory 2015,
Cape Town (South Africa)

20 - 31
Mathematical Modeling and analysis of complex systems,
Naivasha (Kenya)

27 - 7
Stochastic Analysis and its Applications Mongolia 2015,
Ulaanbaatar (Mongolia)

august

8 - 22
Arithmétique, Groupes et Analyse : Cusco 2015,
Cusco (Peru)

august

24 - 3
Tilings and Tessellations,
Isfahan (Iran)

24 - 4
New interactions of Combinatorics and Probability,
São Carlos (Brazil)

october

19 - 28
Non-commutative Algebra,
Coclé (Panama)

**Santiago (Chile)
CIMPA research school 2015**

Marrakesh (Morroco) CIMPA research school 2015

Rencontre à Rabat avec Omar FASSI-FEHRI (Secrétaire Perpétuel Académie Hassan II des Sciences et Techniques, Maroc)

Le mot

Barry Green

In recent years there has been a remarkable development, a new awakening of scientific activity in Africa and the recognition that enabling and empowering talented young Africans is needed to create genuine scientific growth. Their energy and creativity is needed to contribute to all areas of scientific application as well as to new breakthroughs in curiosity driven research. Mathematics underpins much of this activity and this is where the African Institute for Mathematical Sciences (AIMS) has been making a notable contribution through its postgraduate training and research programmes, with support by many in Africa as well as internationally.

These goals of development, particularly in the mathematical sciences, are shared by CIMPA, whose excellent and renowned Research Schools and other activities in promoting the growth of research in the mathematical sciences has earned it a special place in the scientific landscape in Africa, Latin America and South East Asia, with strong links to Europe.

It has been a pleasure for AIMS to work together with CIMPA through the the hosting of CIMPA Research Schools at AIMS Centres in Cape Town, South Africa and in Mbour, Senegal. In 2011 AIMS and CIMPA signed a bilateral agreement for the hosting of CIMPA Research Schools at the AIMS Centre in Muizenberg, Cape Town. A number of very successful CIMPA meetings have been held bringing experts and young researchers together from the regions mentioned above. We are thrilled that this activity is also taking place at other AIMS Centres and look forward to a long and fruitful partnership.

Professor Barry Green
Director of AIMS - South Africa
AIMS-NEI Chief Academic and Research Officer

past research schools

	december	march	april	may
	8 - 19 *Graph labelings, graph decompositions and Hamiltonian cycles,* Vientiane (Laos)	**9 - 20** *Hamiltonian and Lagrangian Dynamics,* Salto (Uruguay)	**13 - 24** *Géométrie différentielle et algèbres non associatives,* Marrakech (Maroc)	**25 - 3** *Dynamical systems : Examples, billiards, and the 3-body problem,* Daejeon (South Koreao)
	march	**april**	**may**	
	9 - 20 *Hamiltonian and Lagrangian Dynamics,* Salto (Uruguay)	**8 - 15** *Minimal surfaces, overdetermined problems and geometric analysis,* Santiago (Chile)	**18 - 29** *Théorie des nombres et applications,* Oudja (Maroc)	**25 - 3** *Transformation Groups and Dynamical Systems,* Lima (Peru)

People at CIMPA

Jeanick Allanic, secrétaire, gestion des écoles de recherche
Marc Aubry, bureau, trésorier
Jean-Marc Bardet, bureau, secrétaire général
Claude Cibils, directeur, RS Amérique Latine et Caraïbes
Alain Damlamian, bureau, vice-président
Sylvain Duquesne, RS Afrique Subsaharienne
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Brigitte Lucquin, RS Asie du Sud et de l'Est, chargée de mission pour le Cambodge
Christian Mauduit, RS Asie du Sud et de l'Est
Giulia Di Nunno, RS Afrique Subsaharienne
Alfonso Perez, responsable informatique
Mercedes Siles Molina, RS *transverse*
Tsou Sheung Tsun, bureau, présidente
Rosane Ushirobira, chargée de mission pour la communication

Since 2002, this SEACME series was merged with ICMI-EARCOME series to become International EARCOME series with wider participants.

With the mission of extending the scope, biennial meetings of SEAMS transformed into a wider forum called Asian Mathematical Conferences (AMC) since 1990. The AMC was held every 4-5 years and hosted by countries in Asia. The first was in Hongkong (1990), and then Thailand (1995), The Philippines (2000), Singapore (2005), Malaysia (2009), Korea (2013), and the next AMC will be in Indonesia (2016).

CIMPA has given a great influence to the region in improving the quality of postgraduate degree program and giving research trainings for early stage researchers. There have been at least 19 CIMPA Schools held in the region. The partnership between CIMPA and SEAMS has also strengthened recently with the common goal of promoting the advancement of mathematics. This partnership has delivered a new commitment of holding SEAMS schools series every year to provide opportunities for young students to have advanced learning experience in mathematics, and to introduce a research-based learning. There have been 11 SEAMS Schools held since 2011, see http://seams.maths.web.id/. These schools have been supported by CIMPA and considered as a preparation to attend CIMPA Schools. These SEAMS schools have given a great impact regionally and they are worth continuing.

Edy Tri Baskoro
President of SEAMS – South East Asian Mathematical Society
Professor, Institut Teknologi Bandung (ITB), Indonesia

Réunion CS à l'IHP, Paris, novembre 2014

Femmes & Mathématiques

« Peu de filles dans les filières techniques et scientifiques, peu de femmes dans les métiers scientifiques, en particulier en mathématiques, c'est de ce constat et de la volonté d'y remédier qu'est née en 1987 l'association femmes et mathématiques ».

Pour plus de détails : www.femmes-et-maths.fr/

Prochaines réunions

La prochaine assemblée générale et le prochain conseil d'administration auront lieu à Paris le 12 juin 2015.

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