



Barranquilla (Colombia) CIMPA Research School 2013



Sir Vaughan Jones
Fields Medalist

Mon expérience au sein du CIMPA

In the summer of 1983 I visited Rwanda where I gave an intensive course in von Neumann algebras. I was profoundly affected by the level of interest exhibited by the local mathematical community. One of the student attendees came to

Dans cette lettre, nous utilisons les langues de travail de l'UNESCO, l'anglais et le français. Nous avons fait ce choix car nous n'avons simplement pas les moyens d'assurer plusieurs versions.

In this newsletter, we use UNESCO working languages, English and French. We made this choice because we simply cannot afford to provide multiple versions.

study with me in Philadelphia. Thus I was delighted several years later when I discovered the existence of CIMPA and was invited to be on their conseil scientifique. CIMPA funds not just single lecture courses but entire conferences in countries all over the world where such events can have a massive effect on the local scientific community. I served two terms on the Conseil Scientifique.

The attitude of CIMPA towards the proposals was exactly as it should be - constructive. If a proposal was deficient in some

ways this was not seen as a reason to refuse it - rather it was to be encouraged with advice from leading mathematicians until it became a well-rounded and scientifically sound proposal.

It was a pleasure to see so much activity arising as a result of CIMPA's work.

Bravo CIMPA!

Vaughan Jones

Professor at
University of
Berkeley, USA



research schools

june

24 - 5

Equations aux Dérivées Partielles en Biologie et Médecine, La Havane (Cuba)

july

8 - 19

Current Trends in Computational Methods for PDEs, Bangalore (India)

15 - 28

Partial Differential Equations in Mechanics, Ulaanbaatar (Mongolia)

22 - 2

Equations d'évolution et applications aux sciences de la nature, Muizenberg (Afrique du Sud)

july

22 - 2

Méthodes Modernes de la Combinatoire, San Luis (Argentine)

22 - 2

Courbes algébriques sur les corps finis et applications, Manille (Philippines)

august

5 - 16

Fonctions hypergéométriques et théorie des représentations, Ulaanbaatar (Mongolia)

5 - 16

New Trends in Applied Harmonic Analysis: Sparse Representations, Compressed Sensing and Multifractal analysis, Mar del Plata (Argentine)

september

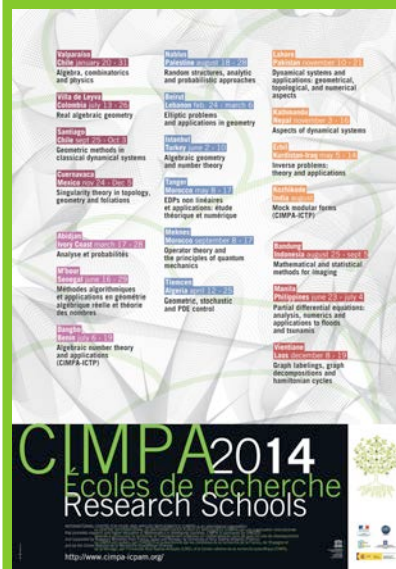
2 - 13

Méthodes numériques en mécanique des fluides, épidémiologie mathématique et systèmes de réaction-diffusion, Saint-Louis (Sénégal)

october

28 - 8

Processus de Lévy et Autosimilarité, Tunis (Tunisie)



Autres activités en 2013 en partenariat avec le CIMPA

1. EMAs, Brazzaville (Congo), Mombasa (Kenya)
2. Atelier Femmes et Maths, AIMS Afrique du Sud
3. EMALCAs, Cochabamba (Bolivie), Barranquilla (Colombie), Quito (Equateur), Tegucigalpa (Honduras), Morelia (Mexique), Coclé (Panama), Lambayeque (Pérou), Mérida (Venezuela)
4. Asian Mathematical Conference, Corée
5. Master Cambodge
6. Ecoles SEAMS, Bandung (Indonesie), Hanoi (Vietnam)
7. SAMSA, Afrique du Sud
8. Master Bénin, Côte d'Ivoire, Gabon
9. SAMSA, novembre, Afrique du Sud
10. AFRICACRYPT, Egypte
11. Ecole d'été de Birzeit, Palestine
12. Ecole type EMALCA, Népal



Past activities in 2012 / 2013

1. EMALCA, mars, Argentine
2. Master au Cambodge
3. EMA, décembre, Côte d'Ivoire
4. GIRAGA 14, décembre, Bénin
5. Master Ghana, Mozambique
6. SADA '13, mars, Bénin
7. Congrès LEM21, février, Maroc
8. Prix Ibni



Ceremony tribute to
Mario Wschebor Wonsever
CIMPA research school 2012
Punta del Este (Uruguay)



Le mot d'un participant d'école de recherche

After getting my Master's degree in Mathematics from the Central Department of Mathematics, Tribhuvan University, Nepal in February 2009, I planned for abroad study to do my PhD in Mathematics. Fortunately, around May 2010, I heard about CIMPA Research School from my professor Dr. Ajaya Singh, Tribhuvan University, Nepal. The title of the school was CIMPA-UNESCO-Nepal Research School on Number Theory in Cryptography and its Applications. Since the title of the school was on number theory and I did not have any background on it so that I was in confusion to attend the school. Finally, I decided to join and sent all the required documents for admission on May 24, 2010 to Dr. Kanhaiya Jha, Coordinator, CIMPA School 2010.

The School started on July 19, 2010 at Kathmandu University, Dhulikhel, Nepal and the first lecture was given by Prof. Francesco Pappalardi (Università Roma Tre, Italy) entitled "Algorithmic Introduction to Number Theory." The first lecture on second day was given by Prof. Michel Waldschmidt (Université Pierre et Marie Curie, Paris 6, France) on "Finite Fields." These two lectures became the milestone for me to set my career goal to do research in algebra and number theory related fields. The school strongly motivated me to do research in algebra and number theory that also led me to apply for different scholarships for abroad study. Later on, I got the prestigious Erasmus Mundus Europe Asia (EMEA) Scholarship for the ALGANT Master Program for the academic year 2011-13 at the University of Milan, Italy. Similarly, I was also selected as an M.S. candidate in Mathematics at the New Mexico State University (NMSU), USA and I decided to go there with the hope that my wife also could start her graduate study in US.

This is my third semester here at NMSU and I am completing my M.S. degree in Mathematics by May 2013. I am completely determined to do my PhD in algebra and number theory and going back to my motherland, Nepal to upgrade the level of Mathematics as far as I can.

In a nutshell, as being a student of a developing country, CIMPA School guided me to set goals in my career. Moreover, I am confident that such type of school also can play vital role to enhance the curriculum and research work in Mathematics for developing countries with the involvement of internationally renowned professors/researchers. Research schools help not only the students but also the professionals of Mathematics to be acquainted with current trend of Mathematics around the world, which is a must for the development of Mathematics in developing countries.

Chudamani Poudyal
Graduate Student
New Mexico State University
NM, USA

past research schools	november	january	february	april
	19 - 30 <i>Stochastic dynamics of particles and networks, Mar Del Plata (Argentina)</i>	13 - 26 <i>Théorie de Galois Différentielle et Multisummabilité, Barranquilla (Colombie)</i>	17 - 2 <i>Algèbres et Dialgèbres associatives et non associatives :Théorie et Algorithmes, Guanajuato (Mexique)</i>	8 - 20 <i>Méthodes Statistiques et Applications en Actuariat et Finance, Marrakech & El Kelaa Mgouna (Maroc)</i>
	25 - 5 <i>Nouvelles tendances dans la recherche en statistique mathématique, Punta del Este (Uruguay)</i>	21 - 1 <i>Moduli Spaces and Mathematical Physics, Guanajuato (Mexico)</i>	25 - 9 <i>Algebraic and Geometric Aspects of Representation Theory, Curitiba (Brazil)</i>	may
				20 - 31 <i>Graphs, Codes, and Designs, Bangkok (Thailand)</i>

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
Ahmad El Soufi, RS Pourtour Méditerranéen
Agnès Gomez, secrétaire de direction et gestion financière
Jorge Jimenez Urroz, RS Inde et Asie Centrale et de l'Ouest

Brigitte Lucquin, RS Asie du Sud-Est, chargée de mission Master au Cambodge
Christian Mauduit, RS Asie du Sud-Est
Giulia Di Nunno, RS Afrique Subsaharienne
Alfonso Perez, responsable informatique
Marie-Françoise Roy, RS Afrique Subsaharienne
Mercedes Siles Molina, RS transverse
Tsou Sheung Tsun, bureau, présidente
Rosane Ushirobira, chargée de mission pour la communication

A tribute to Mario Wschebor Wonsever (03 December 1939 – 16 September 2011)

President of CIMPA (2005-2009)

The CIMPA Research School on New trends in mathematical statistics research (organized by Ricardo Fraiman, see www.cimpa-icpam.org/spip.php?article433) was dedicated to the memory of Mario Wschebor and held in Punta del Este, Uruguay, from November 25 to December 5, 2012, just over one year after his death.

On November 28, in the presence of his widow, his daughter and his sister, a special ceremony took place with interventions by Ricardo Ehrlich, Minister of Education of Uruguay, Rodrigo Arocena, Rector of the Universidad de la Republica (Uruguay), Juan Cristina, Dean of the Facultad de Ciencias of the U. de la Republica (a colleague and close friend), Jean-Marc Azais, Professor at the Université Paul Sabatier-Toulouse (a co-worker and close friend), Edmundo Canalda (a journalist and close friend) and Alain Damlamian, vice-president of CIMPA.

His colleagues and friends recalled his remarkable life, career and achievements.

In Mathematics, he made important contributions to the fields of Probability and Statistics.

He started his studies in Engineering in Montevideo, then in Paris (he received a DEA in 1971 and Doctorat de 3ème cycle in 1972 from the Université Paris-Sud).

He then returned to Uruguay, only to go in exile in Argentina in 1974, then again in Venezuela in 1976 until 1987, period during which he started many collaborations in France. He was instrumental in the co-ordination of the Uruguayan scientists in political exile during the dark period of the dictatorship and for their return as a group at the end of it.

He played a most important role in the creation of the Facultad de Ciencias of the Universidad de la Republica in 1990, for which he was the First Dean from 1991 to 1998.

In view of his close collaboration with France, he was made Chevalier de l'Ordre du Mérite in 1991.

He was one of the proponents of the creation of the UMALCA (Unión Matemática de América Latina y el Caribe) and was its first president (1995-2001).

This is how he came in close contact with CIMPA. He became its President from 2005 to 2009. He was an exceptional president, fulfilling his responsibilities with enthusiasm, dedication and rigor. It was under his tenure that close contacts prepared for the expansion of CIMPA to Spain and other countries. His last speech as President of CIMPA was a beautiful analysis in his perfect French of the situation of CIMPA and of its future prospects (cf www.cimpa-icpam.org/spip.php?article111).

Most of the speakers were close friends of Mario. They stressed that what they remembered most was his warm and caring personality, and the fact that any discussion with him on any subject was always interesting and stimulating.

Alain Damlamian

Professeur à l'Université Paris-Est

NANUM 2014

ICM 2014 Invitation Program



“The Organizing Committee of ICM 2014 offers to invite 1,000 mathematicians in developing countries to Korea to participate in ICM 2014, many of whom would not have been able to visit an ICM otherwise, stand to bring the ICM excitements and new knowledge back to their home countries.”

Call for application: June 1, 2013
Deadline to submit all the application documents: August 31, 2013

Prochaines réunions

La prochaine assemblée générale et le prochain conseil d'administration auront lieu à Paris en juin 2013.

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Lettre éditée par Rosane Ushirobira & Claude Cibils
Remerciements : Agnès Gomez