

**Universities of Yaoundé I, Buéa, Douala, Dschang & Ngaoundéré (Cameroon)
Universities of Abomey-Calavi & Parakou (Benin)**

**INTER-AFRICAN RESEARCH GROUP IN ANALYSIS, GEOMETRY AND
APPLICATIONS (GIRAGA)
INTERNATIONAL CENTRE FOR PURE AND APPLIED MATHEMATICS
(CIMPA)**

**CELEBRATION OF THE 20TH ANNIVERSARY OF GIRAGA SEMINARS
YAOUNDÉ, SEPTEMBER 04-16, 2006**

First announcement

The **Inter-African Research Group in Analysis, Geometry and Applications (GIRAGA)** and the **International Centre for Pure and Applied Mathematics (CIMPA, Nice, France)** organize in Yaoundé (Cameroon) in the period September 04-16, 2006 the celebration of the 20th Anniversary of GIRAGA Seminars. The programme of this celebration is the following:

1. September 04-09, 2006: GIRAGA XI Seminar;
2. September 11-13, 2006: 20th Anniversary Colloquium;
3. September 14-16, 2006: First African-Swedish Conference.

The topics of the 3 courses delivered in the GIRAGA XI Seminar, are the following:

- 1) Boundary Control of Systems of Parabolic and Hyperbolic Partial Differential Equations. Applications to Control of Mechanical Systems (lecturer: Youssoufi Touré, University of Orleans, France);
- 2) Anchored Vector Fiber Bundles and Algebroids (lecturers: Michel Nguiffo Boyom, University of Montpellier 2 & Eugène Okassa, Marien Ngouabi University, Brazzaville, Congo);
- 3) Hyperbolic Partial Differential Equations and Applications to Cosmology (lecturer : Alan D. Rendall, Max Planck Institute, Golm, Germany (to be confirmed)).

In the afternoons, communication session will be organized where participants will present their research results.

Each day of the 20th Anniversary Colloquium will be devoted to one of the 3 themes of GIRAGA Seminars:

- Harmonic and Complex Analysis (scientific advisor and main speaker: Peter Sjögren (Gothenburg), other plenary speakers: Jean-Philippe Anker (Orleans), Marco Peloso (Turin), Mikael Passare (Stockholm)).
- Differential Geometry and Topology (scientific advisors and main speakers: Li Jiayu (ICTP, Trieste) & Augustin Banyaga (Pennsylvania State College, USA)).
- Partial Differential Equations and Applications (scientific advisor and main speaker: Hamidou Touré (Ouagadougou)).

The GIRAGA XI Seminar and the 20th Anniversary Colloquium are intended for:

- Lecturers and postgraduate students working in the following areas: Mathematics, Computer Science and Mechanics;
- Mechanical engineers.

Scientific Organizing Committee.

- David Békollé, University of Ngaoundéré (Cameroon) ;
- Marcel Dossa, University of Yaoundé I (Cameroon) ;
- Norbert Noutchequemé, University of Yaoundé I (Cameroon) ;
- Jean Wouafo Kamga, University of Yaoundé I (Cameroon) ;
- Jean-Pierre Ezin, Institut de Mathématiques et Sciences Physiques (IMSP), University of Abomey-Calavi, Porto Novo (Benin) ;
- Norbert Hounkonnou, Institut de Mathématiques et Sciences Physiques (IMSP), University of Abomey-Calavi, Porto Novo (Benin) ;
- Côme Goudjo, University of Abomey-Calavi, Porto Novo (Benin). ;
- Joël Tossa, Institut de Mathématiques et Sciences Physiques (IMSP), University of Abomey-Calavi, Porto Novo (Benin) ;
- Michel Nguiffo Boyom, University of Montpellier 2 (France) ;
- Eugène Okassa, Marien Ngouabi University, Brazzaville (Congo) ;
- Youssoufi Touré, University of Orleans (France).

National Steering Committee.

- Norbert Noutchequemé, Department of Mathematics, Faculty of Science, University of Yaoundé I ;
- Henri Gwêt, Department de Mathematics and Computer Science, Polytechnic Institute, University of Yaoundé I ;
- Nicolas-Gabriel Andjiga, Department of Mathematics, Higher Teachers' Training School, , University of Yaoundé I ;
- René-Joël Bwemba, Department of Mathematics, Faculty of Science, University of Douala;
- Bitjong Ndombol, Department of Mathematics, Faculty of Science, University of Dschang ;
- David Békollé, Department of Mathematics and Computer Science, Faculty of Science, University of Ngaoundéré;
- Shadrach N. Kwalar, Department of Mathematics, Faculty of Science, University of Buea.

Local Organizing Committee.

- David Békollé, University of Ngaoundéré ;
- Nicolas-Gabriel Andjiga, University of Yaoundé I ;
- Gilbert Mbianda, University of Yaoundé I ;
- François Wamon, University of Yaoundé I.

General Supervision.

- Norbert Noutchequemé, University of Yaoundé I ;
- Gabriel Nguetseng, University of Yaoundé I ;
- David Békollé, University of Ngaoundéré.

Postal address : Secretariat of the Department of Mathematics, Faculty of Science, P.O. Box 812, University of Yaoundé I, Yaoundé (Cameroon).

Contacts :

1. David Békollé : Phone (cellular) : (237)-752-35-80

E-mails : bekolle@yahoo.fr & dbekolle@uycdc.uninet.cm

2. Nicolas-Gabriel Andjiga : Phone (cellular) : (237)-760- 55-00

E-mail : andjiga2001@yahoo.fr

3. Gilbert Mbianda : Phone (237)-200-12-72

E-mails : gilbertmbianda@yahoo.fr & mbianda@uycdc.uninet.cm

Due to limited funds, the organizing committee will take in charge only a very small number of participants.