



SCHOOL and CONFERENCE on DIFFERENTIAL GEOMETRY

2 - 20 June 2008

Miramare, Trieste, Italy

MAIN TOPICS

- HARMONIC FUNCTIONS, GEOMETRY AND TOPOLOGY
- SPECIAL LAGRANGIAN EQUATIONS
- ANALYSIS ON MANIFOLDS
- EXTREMAL KAEHLER METRICS
- RICCI FLOW
- MEAN CURVATURE FLOW

The first two weeks (2 - 14 June) will be an Advanced School: eight mini-courses of high level in Differential Geometry. There will be seminars and training activities for the participants. Some leading and famous mathematicians will present the mini-courses.

The third week (16 - 20 June) will be an International Conference on Differential Geometry. It is to promote interaction among the leaders in Geometric Analysis (specially in the areas of Conformal Geometry, Complex Geometry, Geometric Flows, Minimal Surfaces, etc...). In addition to the invited talks by leading and famous mathematicians, there will be sessions where participants can present their works.

The tentative list of speakers of the third week's Conference (16 - 20 June), includes:

S. Angenent (Wisconsin)*, G. Besson (Grenoble)*, R. Bryant (Berkeley)*, J. Chen (Vancouver), M. Englis (Prague)*, J. Fine (London), P. Gauduchon (Paris), M. Giaquinta (Pisa), B. Guan (Columbus), P. Guan (Montreal), T. Ilmanen (Zurich)*, D. Knopf (Texas)*, P. Li (Irvine)*, T. Riviere (Zurich), X. Rong (Rutgers), N. Sesum (New York)*, P. Topping (Coventry)*, V. Tosatti (Harvard), G. Wang (Magdeburg), M. Zhu (Ohio).

* to be confirmed

PARTICIPATION

Mathematicians from all countries that are members of the UN, UNESCO or IAEA may attend the School. The main purpose of the ICTP is to help researchers from developing countries through a programme of training activities within a framework international co-operation. However, students and post-doctoral scientists from developed countries are also welcome to attend. As the School will be conducted in English, participants should have an adequate working knowledge of that language.

Limited funds are available for some research workers who are nationals of, and working in, a developing country. As scarcity of funds allows travel to be granted only in a few exceptional cases, every effort should be made by candidates to secure support for their fares (or at least half fare) from their home country. Such financial support is available only for those who attend the entire activity. *There is no registration fee.*

The closing date for the receipt of requests for participation is March 7, 2008

The Request for Participation Form is obtainable from the ICTP WWW Server:
<http://agenda.ictp.it/smr.php?1946>

The completed Request Form should be signed and sent to:

School and Conference on Differential Geometry
(SMR 1946, c/o Ms. K. Mabilo)
Strada Costiera 11
I-34014 Trieste, Italy

Telephone: +39-040-2240-455 - Telefax: +39-040-2240-490
E-mail: smr1946@ictp.it (please save and send file attachments in PDF)
ICTP Home Page: <http://www.ictp.it/>

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DEADLINE

MARCH 7, 2008