

We have the pleasure to invite you to attend:

**The VIII-th International Conference
"Differential Geometry and Dynamical Systems"**

(DGDS-2014)

which will take place during

1 - 4 September 2014 * in the resort Mangalia, Romania

**organized by Faculty of Applied Sciences - University Politehnica of Bucharest,
Balkan Society of Geometers and The Callatis Lyceum - Mangalia**

Institutional organizers:

- Institute of Solid Mechanics of the Romanian Academy,
- Institute of Geodynamics of the Romanian Academy,
- The Academy of Romanian Scientists,
- The Romanian - U.S. Fulbright Commission
- University Politehnica of Bucharest - Faculty of Applied Sciences,
- Balkan Society of Geometers,
- The Romanian Mathematical Society [the Mangalia branch],
- The *Callatis* High School - Mangalia,
- The Romanian Simulation Society.

Scientific and Organizing Committee:

Alejandro Meson, Fernando Vericat (Ar), Wendy Goemans (Be), Vladimir Gerdjikov (Bg), Ketiv Tenenblat (Br), Aleksandr Galmak, Victor Red'kov (By), Bang-Yen Chen (Cn), Oldrich Kowalski, Olga Rossi (Cz), Francisc Klepp, Tudor Zamfirescu, Vladimir Matveev (De), Nabil Youssef (Eg), Antonio Alarcon Lopez, Manuel de Leon, Pedro Martinez Gadea (Es), Athanase Papadopoulos, Remi Leandre (Fr), Andreas Arvanitoyeorgos, Nikos Mastorakis, Panayiotis Stavrinis (Gr), Tapan De (In), Alessandro Savo, David Carfi, Davide La Torre, Domenico Perrone, Maria Teresa Calapso, Vicenzo Ciancio (It), Ganesh Pokhariyal (Ke), Kostadin Trenevski (Mk), Valentin Lychagin (No), Piotr Mormul (Pl), Delfim Torres, Ricardo Almeida (Pt), Anatoly Kopylov, Andrey Mironov, Dmitry Pavlov, George Bogoslovsky, Iskander Taimanov, Olga Belova (Ru), Neda Bokan (Sr), Eberhard Malkowsky, Kadri Arslan, Mehmet Tekkoyun, Murat Tosun (Tr), Viktor Kuzakon (Ua), Graham Hall (U.K.), Jose Vargas, Victor Patrangenaru (U.S.).

Adrian Constantinescu, Ana Maria Teleman, Ariana Pitea, Constantin Udriște (chair), Daniel Breaz, Dorel Zugrăvescu, Dorin Andrica, Emil Stoica, Florin Munteanu, Gabriel Teodor Priporae (co-chair), Gheorghe Munteanu, Gheorghe Țigan, Gheorghe Zet, Ilie Burdujan, Ion Doru Albu, Iulia Elena Hiriță, Marcel Roman, Marius Păun, Marius Rădulescu, Mihai Anastasiei, Paul Popescu, Sergiu Văcaru, Tudor Sireteanu, Valeriu Prepelită, Vasile Arsinte, Vasile Iftode, Veturia Chiroiu, Vladimir Balan (co-chair), Wladimir Georges Boskoff. [Romania].

Conference secretariat service: Laura Gabriela Matei, Savin Treanță.

Conference main topics:

1. Applications of Riemannian and Finsler-Lagrange-Hamilton structures;
2. Dynamical systems and jet space theory;
3. Multi-time evolution and optimal control problems;
4. Mathematical models in Physics and in Engineering;
5. Magnetic dynamical systems and antennas theory;
6. Mathematical statistics;
7. Chaos and fractals;
8. Teaching, learning and evaluation.

Conference languages: English and French.

Conference program (the general schedule):

- August 25 = *deadline for final registration and for submission of abstracts to be sent by e-mail to: vladimir.balan@upb.ro or to anet.udri@yahoo.com*
- August 31 - *arrival day*
- September 1 - first conference day (a.m. - registration and festive opening)
- September 4 - last conference day
- September 4-5 - *departure days*
- October 31 - last day for submitting the PDF files of the talks.

Financial data:

Participation fee (for non-BSG members): 60 EU.
Participation fee (for BSG members): 50 EU.
Accompanying person: 30 EU.

Proceedings Volume: 60 EU.

Welcome party (Mon. 1.09): 50 EU. **Excursions** (Wed. 3.09).
Tartar party (Tue. 2.09). **Romanian Wine tasting** (Thu. 4.09).

BSG Membership: 30 EU/year.

Accommodation:

Accommodation in Mangalia-Saturn: * 3-Star Hotels - starting with 40 EU / night *

For setting in advance the accommodation process in view of getting the Romanian visa,
please contact Mr. Aurel Stan (location - Mangalia, Hotel Saturn, e-mail: info@hotelsaturn.ro
Tel: +40.241.757.880 (office); +40.722.369.299 (mobile); +40.748.221.020 (mobile).

For details on accommodation please contact the main organizer Prof.Dr. Constantin Udriste

E-mail: anet.udri@yahoo.com & udriste@mathem.pub.ro * Tel: +40.745.371.684

or the local main organizer from Mangalia, Prof.Dr. Vasile Arsinte

E-mail: arsintevasile@yahoo.com * Tel: +40.722.798.796

Contact e-mail addresses and telephone numbers:

* for accomodation and financiar details:

Prof.Dr. Constantin Udriste <anet.udri@yahoo.com> * **Tel: +40.745 371 684**

* for registration, program and publication issues:

Prof.Dr. Vladimir Balan <vladimir.balan@upb.ro> * **Tel: +40.726 432 286**

Conference web-page: www.mathem.pub.ro

Publication of papers

The Scientific Committee will select the works which may be communicated and published. The Organizing Committee has the right to reject any work which exhibits an inappropriate scientific or linguistic level. The papers should be submitted in English. The authors should obey the standard copyright regulations and are responsible for the scientific and linguistic accuracy of the text. For detailed information please check the conference website www.mathem.pub.ro and the rules which apply for the four journals: APPS, BJGA, BSGP and DGDS.

The works of the conference will be included after a refereeing selection in the journals:

- BJGA (please check www.mathem.pub.ro/bjga) - in printed and electronic forms;
 - APPS (please check www.mathem.pub.ro/apps) - in electronic form;
 - DGDS (please check www.mathem.pub.ro/dgds) - in electronic form;
 - BSGP (please check www.mathem.pub.ro/proc) - in printed and electronic forms,
proceedings volume edited by Geometry Balkan Press;
 - monographs of the journals APPS and DGDS - in electronic form.
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