

We have the pleasure to invite you to attend:

The X-th International Conference "Differential Geometry and Dynamical Systems"

(DGDS-2016)

which will take place during

28 August - 3 September 2016 * 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,
- University Politehnica of Bucharest - Faculty of Applied Sciences,
- Balkan Society of Geometers,
- SSMR - The Mangalia Branch,
- The *Callatis* Lyceum - Mangalia,
- The Romanian Simulation Society.

Scientific and Organizing Committee:

Demeter Krupka (Aa), Alejandro Meson (Ar), Ivailo Mladenov, Oleg Muskarov (Bg), Aleksandr Galmak, Viktor Redkov (BY), Shaoquiang Deng (CN), Mikhail Malakhaltsev (Co), Franz Klepp (De), Nabil Youssef (Eg), Antonio Alarcon Lopez, Fernando Etayo Gordejuela (Es), Athanase Papadopoulos (Fr), Andreas Arvanitoyeorgos, Panayiotis Stavrinou (Gr), Janos Szenthe (Hu), Izu Vaisman (Il), Arindam Bhattacharyya, Chayan Kumar Mishra, Raj Kumar Roychowdhury, Tapan De, Uday Chad De (In), Mohammad Reza Molaei, Nasrin Sadegh Zadeh (Ir), Carlo Cattani, David Carfi, Davide La Torre, Domenico Perrone, Giovanni Molica Bisci, Luca Guerrini, Marcella Palese, Maria Teresa Calapso, Massimiliano Ferrara (It), Akira Asada (Jp), Ganesh Pokhariyal (Ke), Aurel Bejancu (Kw), Valentin Lychagin (No), Piotr Mormul (Pl), Ricardo Almeida (Pt), Anatoly Kopylov, George Bogoslovsky, Dmitry Pavlov, Iskander Taimanov, Joseph Krasilshchik, Olga Belova, Vasily Dikumar, Vladimir Galdyshev (Ru), Sharief Deshmukh (SA), Neda Bokan, Stevan Pilipovic (Sr), Eberhard Malkowsky, Mahmut Ozer (Tr), Bang-Yen Chen, Serge Preston, Victor Patrangenaru (U.S.)

Adrian Constantinescu, Ariana Pitea, Constantin Udriste (chair), Cornelia Livia Bejan, Daniel Breaz, Dorin Andrica, Gabriel Teodor Pripoea (co-chair), Gheorghe Munteanu, Ilie Burdujan, Iulia Elena Hircica, Marius Radulescu, Mihai Anastasiei, Mirela Stefanescu, Paul Popescu, Valeriu Prepelita, Vasile Arsinte, Vladimir Balan (co-chair), Wladimir Georges Boskoff [Romania].

Conference secretariat service: Laura Gabriela Matei, Simona Dinu, Raluca Tuligă.

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 program (the general schedule):

- August 20 - **deadline for abstracts (booklet).**
- August 25 - **deadline for final registration**
- *August 28* - *arrival day*
- August 29 - first conference day (a.m. - registration and festive opening)
- September 2 - last conference day
- *September 3* - *departure day*
- October 31 - last day for submitting the PDF files of the talks.

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For further details, please check the Conference web-page at www.mathem.pub.ro
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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: 50 EU.
Farewell party: 50 EU.

BSG Membership: 30 EU/year.

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Accommodation in Mangalia-Saturn: 2-Star Hotels - from 20 EU / night; 3-star hotels from 40 EU/night.

The distances within the Saturn-Mangalia resort are small (within 1Km) and the hotels are at walking distance relative to the Conference venue (The Callatis High-School, Rozelor Str., no. 36 on the map). The participants are encouraged **to book by themselves the accommodation via the website** (the hotel contacts are located at the bottom of this webpage):

<http://thrmareaneagra.ro/en/contact/>

* **For questions related to setting accommodation process in view of getting the Romanian visa**, please contact Mr. Aurel Stan (location - Mangalia, Hotel Saturn. **E-mail:** info@hotelsaturn.ro

Tel: 0040.241.757.880 (office); 0040.722.369.299 (mobile); 0040.748.221.020 (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.:** 0040.745.371.684

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

E-mail: arsintevasile@yahoo.com * **Tel.:** 0040.722.798.796
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Conference web-page: www.mathem.pub.ro

Conference contact e-mail addresses and telephone numbers:

* for accommodation and financial details:

Prof.Dr. Constantin Udriste <udriste@mathem.pub.ro> * **Tel: 0040.745 371 684**

* for registration, program and publication issues:

Prof.Dr. Vladimir Balan <vladimir.balan@upb.ro> * **Tel: 0040.726 432 286**

Conference languages: English and French.

Presentation/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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