

We have the pleasure to invite you to attend:

**The XII-th International Conference**  
**"Differential Geometry and Dynamical Systems"**  
**(DGDS-2018)**

*which will take place during*

**30 August - 2 September 2018 \* 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,
- The *Callatis* Lyceum - Mangalia,
- SSMR - The Mangalia Branch,
- The Romanian Simulation Society.

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**Scientific and Organizing Committee:**

Fernando Vericat (Ar), Oleg Muskarov (Bg), Viktor Redkov (By), Mikhail Malakhaltsev (Co), Eberhard Malkowski, Franz Klepp, Tudor Zamfirescu (De), Antonio Alarcon Lopez, Davide La Torre, Pedro Martinez Gadea (Es), Nabil Youssef (Eg), Athanase Papadopoulos, Remi Leandre (Fr), Panayiotis Stavrinou (Gr), Laszlo Kozma (Hu), Vladimir Rovenski (Il), Tapan De (In), Armando Ciancio, Carlo Cattani, Giovanni Molica Bisci, Luca Guerrini (It), Akira Asada (Jp), Piotr Mormul (Pl), Delfim Torres, Ricardo Almeida (Pt), George Bogoslovsky, Iskander Taimanov, Joseph Krasilshchik, Vladimir Golubyatnikov (Ru), Mirjana Djoric, Neda Bokan (Sr), Kadri Arslan (Tr), Bang-Yen Chen, Victor Pătrăngenaru (U.S.).

Dorin Andrica, Gabriel Pripoae (Chair), Gheorghe Munteanu, Marius Rădulescu, Octav Olteanu, Paul Popescu, Aneta Udriște, Constantin Udriște (Chair), Vasile Arsinte, Vladimir Balan (Chair), Vladimir Georges Boskoff [Romania].

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*Conference secretariat service: Simona Dinu, Teodor Țurcanu, Ali Sapeeh Rasheed.*

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**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.

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**Accommodation:** the accommodation prices in Mangalia-Saturn, for 3-star hotels, start 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 from the DGDS-2018 website). The participants are encouraged to book by themselves the accommodation via Internet.

### General schedule:

- August 1 - deadline for e-mail registration
- August 25 - deadline for sending the abstracts (booklet)
- August 29 - **arrival day**
- August 30 - first conference day (a.m.: registration and festive opening)
- September 1 - last conference day
- September 2 - **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](http://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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**Conference web-page:** [www.mathem.pub.ro](http://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](mailto:udriste@mathem.pub.ro)> \* Tel: +40.745 371 684  
Prof.Dr. Vasile Arsinte (accommodation): <[arsintevasile@yahoo.com](mailto:arsintevasile@yahoo.com)> \* Tel: +40.722.798.796

\* for registration, program and publication issues:

Prof.Dr. Vladimir Balan <[vladimir.balan@upb.ro](mailto:vladimir.balan@upb.ro)> \* Tel: +40.726 432 286

**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 <http://www.mathem.pub.ro/dept/dgds-18/dgds-18.htm> 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](http://www.mathem.pub.ro/bjga)) - in printed and electronic forms;
  - APPS (please check [www.mathem.pub.ro/apps](http://www.mathem.pub.ro/apps)) - in electronic form;
  - DGDS (please check [www.mathem.pub.ro/dgds](http://www.mathem.pub.ro/dgds)) - in electronic form;
  - BSGP (please check [www.mathem.pub.ro/proc](http://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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