

Geometry of Jets and Fields

(Banach Center, Będlewo (POLAND), 9-16 May, 2015)

First Announcement

The international conference „Geometry of Jets and Fields” will be held in the Mathematical Research and Conference Centre in Będlewo (Poland) during the week 9-16 May 2015.

The conference is planned as one of the activities of the research group associated with the project “Geometry of Jets and Field Theories”, headed by Professor Janusz Grabowski at the Institute of Mathematics, Polish Academy of Sciences.

The main topics of the conference include:

1. Geometry of multivector and jet bundles.
2. Covariant formulation of field theories.
3. Infinite order theories: geometry, symmetries, and reductions.
4. Variational calculus.
5. Supergeometric and cohomological methods in PDEs and field quantization.

The conference is also an occasion to celebrate the 60th birthday of Janusz Grabowski.

Scientific Committee:

- Giuseppe Marmo (Dipartimento di Scienze Fisiche Università di Napoli "Federico II")
- Manuel de Leon (Instituto de Ciencias Matematicas)
- Alexander Vinogradov (Levi-Civita Institute)
- Yvette Kossmann Schwarzbach (Ecole Polytechnique)
- Charles Michel Marle (Universite Pierre et Marie Curie)
- Norbert Poncin (University of Luxemburg)
- Paweł Urbański (University of Warsaw)
- Jose F. Carinena (University of Zaragoza)

Preliminary list of invited speakers:

- Jose-Fernando Carinena (University of Zaragoza)
- Mark Gotay (Pacific Institute for the Mathematical Sciences) (to be confirmed)
- Janusz Grabowski (Polish Academy of Sciences)
- Partha Guha (S. N. Bose National Centre for Basic Sciences)
- Simone Gutt (Universite Libre de Bruxelles)
- Alberto Ibort (Universidad Carlos III de Madrid)
- Yvette Kossmann-Schwarzbach (Ecole Polytechnique)
- Manuel de Leon (Instituto de Ciencias Matematicas)
- Kirill Mackenzie (University of Sheffield)
- Charles-Michel Marle (Universite Pierre et Marie Curie)
- Giuseppe Marmo (Università di Napoli "Federico II")
- Juan-Carlos Marrero (Universidad de La Laguna)
- Eduardo Martinez (Memorial University of Newfoundland)

- Guowu Meng (Hong Kong University of Science and Technology)
- Norbert Poncin (University of Luxemburg)
- Olga Rossi (The University of Ostrava)
- Gennadi Sardanashvily (Moscow State University)
- Aleksander Vinogradov (Levi-Civita Institute)
- Luca Vitagliano (University of Salerno)
- Aisa Wade (Penn State University)
- Hiroaki Yoshimura (Waseda University) (to be confirmed)
- Ping Xu (Department of Mathematics, Penn State University)

The conference is financed jointly by the Banach Center, the Warsaw Center of Mathematics and Computer Science and the National Science Centre (grant MAESTRO). We will cover the accommodation (full-board) of participants in Będlewo.

Participation is by invitation only. Applications should be sent to the Organizing Committee and contain the letter of application with personal data, affiliation, and other information which can be helpful (CV, list of publications, letters of recommendation etc.)

Recipients of the invitation are kindly asked to register using the registration form on the page <http://www.impan.pl/~gjf/>.

Except for invited talks we are planning to have a poster session. Posters proposals, sent to the Organizing Committee, will be reviewed and the decision will be taken by the Scientific Committee. A good deal of time for personal contacts and informal discussions is foreseen as well.

Please note that the deadline for the registration is 31st of December 2014.

Some information about the Conference Center in Będlewo can be found on the web page of the center:

<http://www.impan.pl/EN/Bedlewo/>.

The details of the conference and travel information will appear gradually on the web page <http://www.impan.pl/~gjf/>.

In case of any questions please contact the Organizing Committee:

- Katarzyna Grabowska (konieczn@fuw.edu.pl),
- Michał Józwiowski (M.Jozwikowski@impan.pl),
- Mikołaj Rotkiewicz (mrotkiew@mimuw.edu.pl)
- Javier de Lucas (Javier.de.Lucas@fuw.edu.pl)