

3-rd Conference on Finite Dimensional Integrable Systems in Geometry and Mathematical Physics Będlewo, July 13–17, 2015

Main Topics:

- Integrability criteria and obstructions to integrability: topological obstructions, dynamical obstructions, differential Galois obstructions
- Integrable geodesic flows and natural Hamiltonian systems
- Integrable systems on Lie algebras and symmetric spaces
- Symplectic and Poisson geometry and integrability
- Superintegrability
- Lax representations, separation of variables
- Rigid body dynamics
- Nonholonomic mechanics
- Quantum integrability and quantization procedures
- Applications of finite dimensional integrable systems in mathematical physics, celestial mechanics and general relativity
- Computer algebra methods in the theory of integrable systems.

Invited speakers:

Maciej Błaszak, Alexey Bolsinov, Vladimir Dragovic, Yuri Fedorov, Allan P. Fordy, Michael Gekhtman, Jonathan Kress, Boris Kruglikov, Lev Lerman, Mark Levi, Gerard Misiolek, Andrey Mironov, Stefan Rauch, Michael Shapiro, Dmitry V. Treschev, Galliano Valent, Maciej P. Wojtkowski, Haruo Yoshida, Nguyen Tien Zung, Henryk Żołądek.

Scientific Committee:

Misha Bialy, Maciej Błaszak, Alexey Bolsinov, Sergey Bolotin, Robert L. Bryant, Christian Duval, Yuri Fedorov, Allan P. Fordy, Bronisław Jakubczyk, Boris Kruglikov, Franco Magri, Eva Miranda, Juan Jose Morales Ruiz, Nguyen Tien Zung, Jean-Pierre Ramis, Vladimir Rubtsov, Sergei Tabachnikov, Dmitry Treschev, Galliano Valent, Henryk Żołądek.

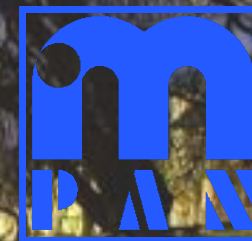
Organizing Committee:

- Andrzej J. Maciejewski University of Zielona Góra, Poland,
- Vladimir Matveev Friedrich-Schiller Universität Jena, Germany,
- Maria Przybylska University of Zielona Góra, Poland,
- Sergei Tabachnikov Penn State/Brown University, USA.



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