AMDS 2020

International Conference on Algebraic Methods in Dynamical Systems
Lyon (France), June 15 -17, 2020

In honour of Valery Kozlov's 70th birthday

Topics:

- Integrability of Dynamical Systems and PDE's

- Differential and Difference Galois Theory

- Integrability in Quantum Mechanics and Spectral Theory

- Special Functions

- Painlevé Transcendents

- Galois approach to non-integrability (Morales-Ramis-Simo and Ziglin theory)

- Other topics related to Differential Galois Theory

Scientific committee:

- Holger Dullin (University of Sydney, Australia)

- Valentin Ovsienko (University of Reims, France)

- Julien Roques (Université de Lyon 1)

- Juan Morales-Ruiz (University of Madrid, Spain)

- Alexei Tsygvintsev (ENS de Lyon, France)

- Haruo Yoshida (National Astronomical Observatory of Japan)

Local organizing committee:

- Julien Roques

- Alexei Tsygvintsev

Invited speakers:

- Primitivo Acosta-Humánez, (ISFODOSU, Dominican Rep.)
- Moulay Barkatou, (Université de Limoge, France)
- David Blázquez-Sanz, (Univ. National de Colombia)
- Thierry Combot, (Université de Dijon, France)
- Teresa-Crespo, (University of Sofia, Bulgarie)
- Zbigniew Hajto, (Jagiellonian University, Pologne)
- Valerij Kozlov, (Moscou State University, Russia)
- Anton Izosimov, (University of Arizona, USA)
- Andrzej Maciejewski, (Univ. of Zelena Gora, Pologne)
- Andrei Mironov, (Novosibirsk University, Russia)
- Chara Pantazi, (Univ. Politècnica de Catalunya, Espagne)
- Emmanuel Paul, (Université de Toulouse III, France)
- Maria Przybylska, (University Zelena Gora, Pologne)
- Marius van der Put, (University of Groningen, Hollande)
- Jean-Pierre Ramis, (Université de Toulouse III, France)
- Sergei Tabachnikov, (Penn State, USA)
- Alexandr Veselov, (Loughborough University, UK)
- Jacques-Arthur Weil, (Université de Limoges, France)
- Kazuyuki Yagasaki, (Kyoto University, Japan)
- Xian Zhang, (Shanghai Jiao Tong University, China)
- María Ángeles Zurro, (University of Madrid, Spain)

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