



Warsaw Center
of Mathematics
and Computer Science



INSTYTUT MATEMATYCZNY
Polskiej Akademii Nauk

Lie systems: theory, generalisations, and applications II

PROGRAM

Monday, September 22

- 10:00 Javier de Lucas (New trends on Lie systems)
11:00 Coffee
11:30 Silvia Vilariño (k -symplectic Lie systems)

Tuesday, September 23

- 10:00 Szymon Charzyński (Wei–Norman equations on classical groups)
10:30 Coffee
11:30 G. Pietrzkowski (Wei–Norman solution of $\mathfrak{sl}(2)$ Lie–Scheffers system by means of combinatorics and iterated integrals)
12:30 Mariusz Tobolski (Octonionic Riccati equations)

Wednesday, September 24

- 10:00 José Fernando Cariñena Marzo (TBA)
11:00 Coffee
11:30 Cristina Sardón (Lie symmetries for Lie systems)

Thursday, September 25

- 10:00 Jesús Clemente–Gallardo (An introduction to the geometric formulation of Quantum Mechanics)
11:00 Coffee
11:30 Jorge Alberto Jover Galtier (Kähler Lie systems and Quantum Mechanics)

Friday, September 26

- 10:00 Francisco José Herranz (Lie–Hamilton systems on the plane: theory, classification and applications)
11:00 Coffee
11:30 Summing up and closing

Talks and coffee breaks take place in rooms 403 and 409 (4 floor), respectively.