

Monday, June 28

LECTURES 09:00–13:10

- 09:00–09:50 *Relativistic cosmology from F to Sz ($F = \text{Friedmann}$, $Sz = \text{Szekeres}$)*
Andrzej KRASIŃSKI, Centrum Astronomiczne im. Mikołaja Kopernika Polskiej Akademii Nauk, Poland
- 10:00–10:50 *Qualitative and analytic analysis of some differential equations*
Henryk ŻOŁĄDEK, Uniwersytet Warszawski, Poland
- 10:50–11:20 Coffee break
- 11:20–12:10 *Graded bundles in geometry and physics*
Janusz GRABOWSKI, Instytut Matematyczny Polskiej Akademii Nauk, Poland
- 12:20–13:10 *A short stroll around Groupoid Land*
Piotr STACHURA, Szkoła Główna Gospodarstwa Wiejskiego, Poland

Tuesday, June 29

LECTURES 09:00–13:10

- 09:00–09:50 *Qualitative and analytic analysis of some differential equations*
Henryk ŻOŁĄDEK, Uniwersytet Warszawski, Poland
- 10:00–10:50 *Crossed product operator algebras and approximation properties*
Andrew MCKEE, Uniwersytet w Białymstoku, Poland
- 10:50–11:20 Coffee break
- 11:20–12:10 *Unbounded operators on Hilbert spaces*
Piotr SOŁTAN, Katedra Metod Matematycznych Fizyki, Uniwersytet Warszawski, Poland
- 12:20–13:10 *Relativistic cosmology from F to Sz ($F = \text{Friedmann}$, $Sz = \text{Szekeres}$)*
Andrzej KRASIŃSKI, Centrum Astronomiczne im. Mikołaja Kopernika Polskiej Akademii Nauk, Poland

Wednesday, June 30

LECTURES 10:00–13:10

- 10:00–10:50 *Graded bundles in geometry and physics*
Janusz GRABOWSKI, Instytut Matematyczny Polskiej Akademii Nauk, Poland
- 10:50–11:20 Coffee break
- 11:20–12:10 *A short stroll around Groupoid Land*
Piotr STACHURA, Szkoła Główna Gospodarstwa Wiejskiego, Poland
- 12:20–13:10 *What is the Integrability of Nonlinear Dynamical Systems: analytical and Lie-algebraic aspects*
Anatolij PRYKARPATSKI, Politechnika Krakowska, Poland

AFTERNOON LECTURE 15:00–17:40

- 15:00–15:50 *A short stroll around Groupoid Land*
Piotr STACHURA, Szkoła Główna Gospodarstwa Wiejskiego, Poland
- 15:50–16:05 Coffee break
- 16:05–16:55 *Unbounded operators on Hilbert spaces*
Piotr SOŁTAN, Katedra Metod Matematycznych Fizyki, Uniwersytet Warszawski, Poland
- 17:00–17:40 *Discrete mechanics on octonions*
Zohreh RAVANPAK, Instytut Matematyczny Polskiej Akademii Nauk, Poland

Thursday, July 1

LECTURES 09:00–13:10

- 09:00–09:50** *Relativistic cosmology from F to Sz ($F = \text{Friedmann}$, $Sz = \text{Szekeres}$)*
Andrzej KRASIŃSKI, Centrum Astronomiczne im. Mikołaja Kopernika Polskiej Akademii Nauk, Poland
- 10:00–10:50** *Qualitative and analytic analysis of some differential equations*
Henryk ŻOŁĄDEK, Uniwersytet Warszawski, Poland
- 10:50–11:20** Coffee break
- 11:20–12:10** *Graded bundles in geometry and physics*
Janusz GRABOWSKI, Instytut Matematyczny Polskiej Akademii Nauk, Poland
- 12:20–13:10** *What is the Integrability of Nonlinear Dynamical Systems: analytical and Lie-algebraic aspects*
Anatolij PRYKARPATSKI, Politechnika Krakowska, Poland

AFTERNOON LECTURE 15:00–17:40

- 15:00–15:50** *Unbounded operators on Hilbert spaces*
Piotr SOŁTAN, Katedra Metod Matematycznych Fizyki, Uniwersytet Warszawski, Poland
- 15:50–16:05** Coffee break
- 16:05–16:55** *Crossed product operator algebras and approximation properties*
Andrew MCKEE, Uniwersytet w Białymstoku, Poland
- 17:00–17:40** *Integrable Hamiltonian systems on the symplectic realizations of $e(3)^*$*
Elwira WAWRENIUK, Uniwersytet w Białymstoku, Poland

Friday, July 2

LECTURES 09:00–13:10

- 09:00–09:50** *What is the Integrability of Nonlinear Dynamical Systems: analytical and Lie-algebraic aspects*
Anatolij PRYKARPATSKI, Politechnika Krakowska, Poland
- 10:00–10:50** *Unbounded operators on Hilbert spaces*
Piotr SOŁTAN, Katedra Metod Matematycznych Fizyki, Uniwersytet Warszawski, Poland
- 10:50–11:20** Coffee break
- 11:20–12:10** *Relativistic cosmology from F to Sz ($F = \text{Friedmann}$, $Sz = \text{Szekeres}$)*
Andrzej KRASIŃSKI, Centrum Astronomiczne im. Mikołaja Kopernika Polskiej Akademii Nauk, Poland
- 12:20–13:10** *Crossed product operator algebras and approximation properties*
Andrew MCKEE, Uniwersytet w Białymstoku, Poland