

## PROGRAMME OF THE CONFERENCE

### “EXACT SCIENCES AND MATHEMATICS IN CENTRAL-EASTERN EUROPE FROM THE MID-19<sup>TH</sup> CENTURY TO WORLD WAR II” (KRAKÓW, June 11–13 2015).

**Place:**

**Polish Academy of Sciences and Arts (Polska Akademia Umiejętności),  
Ślawkowska 17, Kraków, Poland**

**June 11, 2015**

**Session 1 (10.00-13.10)**

**Place: Big Assembly Hall, 1st floor**

**10. 00 – 10. 05 Opening Ceremony. Address by the President  
of Polish Academy of Sciences and Arts – Professor Andrzej Białas**

- [1] Roman Duda – *The emergence of national mathematical research communities in Central-Eastern Europe* (10.05–10.35)
- [2] Sergey S. Demidov – *Mathematics in the Russian world and the World War I* (10.40–11.10)
- [3] Martina Bečvářová – *Mathematische Kränzchen in Prag – A forgotten German Mathematical Society* (11.15–11.45)

**Coffee Break 11.50–12.05**

- [4] Yaroslav G. Prytula – *Mathematics in the Lviv Shevchenko Scientific Society* (12.05–12.35)
- [5] Kalina Bartnicka – (12.40–13.10)

**13.15–15.00 Lunch Break**

**Session 2 (15.00– 18.30)**

**Place: Big Assembly Hall, 1st floor**

- [1] Lech Maligranda – *The Lwów School of Mathematics 1918–1939* (15.00–15.30)
- [2] Roman Sznajder – *Kaczmarz algorithm revisited* (15.35–16.00)

- [3] Emelie A. Kenney – *Contributions of Polish Emigres to Mathematics in the United States in the Pre-World War II Period* (16.05–16.35)

**Coffee break 16.40–16.55**

- [4] Mykhailo Zarichnyi\*, Stanisław Domoradzki – *On the beginning of topology in Lwów* (16.55–17.25)
- [5] Lidiya Bazylevych – *Lwów period of Ulam's mathematical creativity* (17.30–18.00)
- [6] Helena Durnová – *Václav Hlavatý: a mathematical career that started in Delft* (18.05–18.30)
- [7] Oleh Petruk – *Astronomy in the cultural space of Lviv during the century before the Second World War* (18.35–19.05)

**12 June 2015**

**9.00 – 10.00 Poster Session**

**Session 1 (10–13.15)**

**Place: Big Assembly Hall, 1st floor**

- [1] B. Novosyadlyj, S. Apunevych – *Astronomical Observatory of Lviv University on the background of historical epochs* (10.05–10.35)
- [2] Volodymyr Tkachuk – *History of quanta (ideas of the quantum theory at the University of Lviv)* (10.40–11.10)
- [3] Zofia Gołąb-Meyer – *Physics in “A guide for self-studying” by Marian Smoluchowski as well as in textbooks by Władysław Natanson and August Witkowski* (11.15–11.45)

**Coffee Break 11.50–12.05**

- [4] Andrzej Kajetan Wróblewski – *Physics in Poland (1918–1939)* (12.05–12.35)
- [5] Andrij Rovenchak, Olena Kiktyeva – *Physics at the University of Lviv since the turn of the 20th century until the Second World War* (12.40–13.10)

**13.10–15.00 Lunch Break**

**Session 2 (15.00–18.40)**

**Place: Big Assembly Hall, 1st floor**

- [1] Roman Mierzecki – *Chemistry in Lwów Universities 1850–1939* (15.00–15.30)

[2] Renata Bujakiewicz-Korońska\*, Jan Koroński, Jerzy M. Kreiner – *Life and scientific activity of Tadeusz Banachiewicz (1882–1954)* (15.35–16.05)

[3] Michał Kokowski – *A history of Natanson statistics* (16.10–16.40)

#### **Coffee Break 16.45–17.05**

[4] Paweł Polak – *Philosophy in science – a case of reception of Special and General Relativity in Kraków and Lwów before 1925* (17.05–17.35)

[5] Danuta Ciesielska – *Alfred Rosenblatt (1880–1947) – Polish and Peruvian mathematician* (17.40–18.10)

[6] Zdzisław Pogoda – *Some remarks about the origins of differential geometry in Poland* (18.15–18.40)

### **June 13, 2015**

#### **8.45 – 9.15 Poster Session**

#### **Session 1 (9.15–12.25)**

#### **Place: Room no. 24, ground floor**

[1] Jan Woleński – *Philosophy of Exact Sciences in Poland in 1918–1939* (9.15–9.45)

[2] Wiesław Wójcik – *The main achievements of Hugo Steinhaus in the Lvov period* (9.50–10.20)

[3] Lidia Obojska – *Jan Śleszyński and the critique of Leśniewski's foundations of mathematics* (10.25–10.55)

#### **Coffee Break 11.00–11.15**

[4] Małgorzata Stawiska-Friedland\*, Stanisław Domoradzki – *Distinguished graduates in mathematics of Jagiellonian University in the period 1918–1939* (11.20–11.50)

[5] Łukasz A. Turski – *Collapse of Science and Mathematics Education in Poland in 20<sup>th</sup> Century and what to do with that* (11.55–12.25)

#### **12.25–13.00 Lunch Break**

### **13.00 Guided excursion to the Botanical Garden, Kraków, ul. Kopernika 27**

## POSTER SESSION

Juozas Banionis – *Bishop Antanas Baranauskas (1835–1902) and his experimental research in number theory*

Martina Bečvářová – *The History of Mathematics in the Czech Republic*

Martina Bečvářová, Ivan Netuka – *Karl Löwner and Lipman Bers: Pre-war Prague Mathematicians*

Stanisław Domoradzki – *Riemann surfaces in Puzyna's monograph: Teoria funkcji analitycznych*

Piotr Flin – *Ludwik Silberstein and operator calculus*

Zofia Gołąb-Meyer – *Marian Smoluchowski's views on women in science*

Karolina Karpińska – *Teaching thinking in terms of functions – fulfilling the fundamental idea of Merano Programme in the Torun Classic Gymnasium in early twentieth century*

Emelie A. Kenney – *Teaching the History of Polish Mathematics in the United States: Opportunities and Challenges*

Jan Koroński – *Stanisław Kępiński (1867–1908) and his papers in the field of differential equations*

Jan Koroński – *Stanisław Zaremba (1863–1942) and his results in the field of differential equations*

Jan Koroński – *A note on the mathematical publications in the Dissertations and Reports of Meetings of the Academy of Arts and Sciences in Cracow in the years 1874–1920*

Marta Kosek – *Franciszek Leja (1885–1979): a mathematician of Lwow, Warsaw and Krakow*

Marta Kosek – *Jerzy Neyman (1894–1981): a mathematician and statistician of Kharkov, Warsaw and Berkeley*

Aistis Žalnora – *Vitalija Miežutavičiūtė – Hygiene Science in Vilnius in the year of 1922–1939*

**Attention: Please prepare the posters not exceed the board dimensions 1.2 m×1.8m.**

There are special times for poster sessions designated in the conference schedule, but the posters can be already put up on the first day of the conference. They will be presented in the ground floor hallway of the building for an easy access.