

# Symposium in Memory of George Placzek (1905–1955)

## 21–24 September 2005, Brno, Czech Republic



Two life anniversaries of George Placzek will come in 2005 – World Year of Physics: that of his birth in September 1905 (Brno, Moravia, Czech Republic) and his passing away in October 1955 (Zurich, Switzerland). An outstanding scientist in molecular physics, scattering of light in liquids and gases, the theory of atomic nucleus and the interaction of neutrons with condensed matter, he made a considerable contribution to the development of physics in these fields. He belongs to great persons of the physics of the 20<sup>th</sup> century and has set an example not only by his discoveries, but also by the stimulating style of his scientific work.



### Symposium is organized by

- Masaryk University in Brno
- Brno University of Technology
- City of Brno
- Brno Centre for European Studies
- Union of Czech Mathematicians and Physicists

*in cooperation with*

- The Academy of Sciences of the Czech Republic
- Czech Technical University in Prague
- Charles University in Prague
- University of Vienna

### Honorary Committee

- Petr Fiala (Rector of Masaryk University in Brno)
- Václav Pačes (President of the Academy of Sciences of the Czech Republic)
- Richard Svoboda (Mayor of the City of Brno)
- Jan Vrbka (Rector of the Brno University of Technology)
- Ivan Wilhelm (Rector of Charles University in Prague)
- Georg Winckler (Rector of University of Vienna)
- Jiří Witzany (Rector of the Czech Technical University in Prague)
- Štefan Zajac (President of Union of Czech Mathematicians and Physicists)

### Programme

**Wednesday 21 September 2005**  
afternoon: registration  
evening: welcome party

**Thursday 22 September 2005**  
morning: opening of the conference – life and work of G. Placzek  
afternoon: current status of physics fields influenced by G. Placzek (Raman spectroscopy, neutron physics)  
evening: reception at Brno City Hall

**Friday 23 September 2005**  
morning: current status of physics fields influenced by G. Placzek (Raman spectroscopy, neutron physics)  
noon: unveiling a commemorative plaque  
afternoon sessions  
early evening: guided tour of Brno (places related to G. Placzek)  
evening: party at Castle Špilberk wine bar

**Saturday 24 September 2005**  
excursions  
(200<sup>th</sup> Anniversary of the Battle of Three Emperors near Slavkov/Austerlitz)

### Invited lectures

#### ALEŠ GOTTVÁLD

Institute of Scientific Instruments, Academy of Sciences of the Czech Republic, Brno

#### Story of Georg Placzek

(New facts about his remarkable life and work)

#### MANUEL CARDONA

Max Planck Institute for Solid State Research, Stuttgart

#### Einstein, Placzek and the Physics of Solids

#### HELMUT RAUCH

Atomic Institute of the Austrian Universities, Vienna

#### Neutron Optics

#### CARLOS GRANJA

Institute of Experimental and Applied Physics, Czech Technical University, Prague

#### Nuclear Spectroscopy with Neutrons

#### JAN JAKŮBEK

Institute of Experimental and Applied Physics, Czech Technical University, Prague

#### Neutron Imaging

#### JIŘÍ KULDA

Institut Laue-Langevin, Grenoble

#### Neutron Inelastic Scattering at the Edge of 21<sup>st</sup> Century

#### PAVOL MIKULA

Nuclear Physics Institute, Academy of Sciences of the Czech Republic, Rez near Prague

#### Past and Present Status of Neutron Scattering at the Research Reactor LVR-15 in Rez

More information:

<http://dumbell.physics.muni.cz/placzek/>

