


The European Scientist Symposium on the era and work of Franz Xaver von Zach (1754-1832)

Budapest 15-17 September 2004

Franz Xaver von Zach (1754-1832)
(Schloßmuseum Gotha)

Preliminary Programme


 **Wednesday, September 15**
Morning (Chair: L.G. Balazs)

Biography

- Peter Brosche (Daun/Bonn): *Pictures from Zach's worldline*
- Árpád Szállási (Esztergom): *The military health service around 1800*
- András Koltai (Budapest): *The role of the Piarist order in developing the scientific way of thinking*
- Anita McConnell (London): *Zach in England*

The Astronomical Background

- Katalin Barlai (Budapest): *Jesuit measurements*
- Bálint Érdi (Budapest): *Laplace and the development of celestial mechanics*
- Lajos G. Balázs (Budapest): *Theoretical astrophysics in XIXth century*


 **Wednesday, September 15**
Afternoon (Chair: P. Brosche)

Instruments

- István Jankovics (Budapest): *Astrogeodesic instruments in Hungary*
- Klaus-Dieter Herbst (Jena): *The advent of the meridian circle*
- Gudrun Wolfschmidt (Hamburg): *Zach's instruments and their problems*
- Alberto Meschiari (Modena): *Franz Xaver von Zach and Giovanni Battista Amici*

Astronomy

- Hilmar Duerbeck (Brussels): *Venus transits of the 18th century and the astronomical unit*
- Imre Tóth (Budapest): *The discovery of the first minor planets*
- Endre Zsoldos (Budapest): *Variable star astronomy in Zach's time*

 **Thursday, September 16**
Morning (Chair: H. Duerbeck)

Sciences of the Earth

- Attila Mesko (Budapest): *The development of our understanding of the geoid*
- Oliver Schwarz (Landau): *Zach as surveyor of Thuringia*
- James Caplan (Marseille): *Zach and the geodesy of Southern France*
- István Klinghammer (Budapest): *Cartography in Hungary at the turn of the XVIII-XIXth century*

➤ Thursday, September 16 Afternoon (Chair: J. Caplan)

The Organisation of Science

- Béla Balázs (Budapest): *The role of "managers of science"*
- László Patkós (Budapest): *The Pasquich affair*
- Clifford Cunningham (Sunny Isles Beach): *A project to publish the collected correspondence of Baron Franz Xaver von Zach*
- Magda Vargha (Budapest): *Gauss and the Hungarian science*
- Peter Brosche (Daun/Bonn): *Zach's impact on the sciences*

➤ Friday, September 17

Inauguration of the memorial tablet

Further Information

➤ Purpose

This symposium celebrates the era and work of Franz Xaver von Zach on the 250th anniversary of his birth.

The meeting will bring together international experts in the history of science to present papers on the following topics.

➤ Topics covered

- Biographical aspects
- Scientific periodicals
- Meetings of scientists
- Enlightenment, freemasonry and religious orders
- Interaction with politics
- The role of 'managers of science'
- Gauss and the Hungarian science
- The evolution of star catalogues
- Minor planets and celestial mechanics
- Astrogeodetic instruments
- Local and global geodesy and navigation
- Civil and military cartography
- Geography and geophysics

➤ Dates

Sept. 15 to Sept. 17, 2004. The symposium precedes the autumn meeting of the Astronomische

Gesellschaft, held in Prague at Sept. 20-25, 2004.

Venue

The meeting will take place in the main building of the Hungarian Academy of Sciences in Budapest, Hungary.

Accomodation

In medium category hotels, next to the building of the Hungarian Academy of Sciences, cost per night: 65 Euro in a single and 85 Euro in a double room (including breakfast).

Participation

Participation is open for everybody who is interested in this subject.

Registration

Interested participants are invited to register with the enclosed registration form. There is no registration fee. Accompanying persons are welcome.

Proceedings

We intend to publish proceedings of the symposium.

Scientific Organizing Committee:

- Prof. Dr. [Peter Brosche](#) (Chairman), Observatorium Hoher List der Sternwarte der Universität Bonn, D-54550 Daun
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Local Organizing Committee (Budapest):

- [Béla Balázs](#), Eötvös Loránd University
- [Lajos G. Bálazs](#) (chairman), Konkoly Observatory
- [László Patkós](#), Konkoly Observatory
- [Magda Vargha](#), Konkoly Observatory
- [Endre Zsoldos](#), Konkoly Observatory

REGISTRATION FORM

The era and work of Franz Xaver von Zach
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Family name:

First name:

Postal address:

Fax:

E-mail address:

Number of accompanying persons:

I would like to present a paper

Title

Authors

Intended duration of talk:

Abstract:

Accommodation: please indicate your choice:

I prefer single occupancy

I wish to share a double room with:

Return to: Prof. L.G. Balazs

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Under Construction!

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