



ICHM Co-Sponsored
10th Austrian Symposium on the History of Mathematics
Miesenbach, Lower Austria, May 30-June 5, 2010

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The 10th Austrian Symposium on the history of mathematics was held in Miesenbach (Lower Austria) from Sunday, May 30, till Saturday, June 5, 2010.

As during the last three meetings we were well received by the Börsenhof (the first six meetings from 1986 to 2002 were held in Neuhofen an der Ybbs). The hotel provided us with all facilities we needed and offered comfortable rooms and good meals at a very reasonable price. Due to the rainy weather we could not make as many hikes as we were used to from former occasions, but this did not, of course, disturb the progress of the meeting. This time the traditional Wednesday excursion took us to an airplane museum, the Aviaticum in Wiener Neustadt. It is situated where the first airport in Austria was located, as well as near the first factory where Austria's aircrafts were built around 1900.

Following another tradition, the Thursday lunch break was devoted to a visit of the Gauer mann Museum, only a 10 minutes walk from the hotel. Friedrich Gauer mann is a famous 19th century painter from Austria.

The general theme chosen for the symposium was:

Is mathematics politically correct? The influence of gender, language, religion, age, birth, society, culture, ... on one's mathematical work.

There were 29 talks offering a wide range of topics

- from the classical Greek period to the 20th century, from Japan to Brazil
- and most of them referred in some way to the conference motto.

The list of talks in chronological order:

Herwig Säckl (Regensburg): *Wenn erst Euklids Elemente Allgemeingut sind, dann hat alle Tyrannei ein Ende.*

Friedrich Katscher (Wien): *Die kommerzielle Revolution, Leonardo Pisano und die italienische und europäische Mathematik.*

Myriam-Sonja Hantke (Köln): *Mathematik im Horizont des japanischen Geistes.*

Stefan Deschauer (Dresden): *Algebraische Kostbarkeiten im Rechenbuch von Wolff Habel (Nürnberg 1563).*

Ulrich Reich (Bretten): *because noe .2. thynges, can be moare equalle -- Robert Recorde und das Gleichheitszeichen.*



Klaus Barner (Kassel): *Fermats <adaequare> und kein Ende?*

Klaus Kühn (Alling): *Der Weg der Logarithmen in die Schule und wieder hinaus.*

Nada Razpet (Ljubljana, Laibach): *Professionally oriented education.*

Waltraud Voss (Dresden): *Das Prüfungszeugnis des Dresdner Polytechnikums für einen Mathematiker im Jahre 1885 -- und sein Hintergrund.*

Katalin Munkascy (Budapest): *Language in the mathematical education, in Hungary in 19th century.*

Michaela Chocholová (Prag): *Mathematik und ihre Anwendungen in Chronologie und Geodäsie im Werk von Wilhelm Matzka.*

(Milos Canak) -- Jasna Fempl Madarević (Belgrad): *Bach's Chaconne and Harmonic Meaning Thereof.*

Werner Schulze (Vienna): *symphonon ... symmetron ... rhythmós ... harmonía -- Remarks on the Golden Triangle -- Music & Mathematics & Architecture.*

Franz Pichler (Linz) (with Roberto Moreno-Diaz (Las Palmas): *Altes und Neues von der Zahl Pi (mit Musik).*

Martina Bečvářová (with Ivan Netuka) (Prague): *Vojtech Jarník (1897--1970) and his studies in Göttingen.*

Annette Vogt (Berlin): *Ladislav von Bortkiewicz (1868--1931).*

Milos Milovanović (Belgrad): *The Anthroposophy of Professor Radojčić.*

Hans-Joachim Girlich (Leipzig): *Emanuel Czuber (1851--1925) und die statistischen Forschungsmethoden.*

Bernhard Beham (Vienna): *Karl Menger (1902--1985): How to write a history of a Mathematician? Vignettes from a work in progress.*

Harald Gropp (Heidelberg): *On magic squares, Latin squares and other squares.*

Ivo Schneider (München): *Goethe Vorbild für die Einstellung deutscher Bildungsbürger zur Mathematik?*

Magdalena Hyklová (Prague): *Karel Vorovka and Philosophy of Mathematics.*

S.S. Demidov (Moscow): *The role of religious and philosophical factors in the life of Russian mathematical community at the end of the XIX-th -- the First quarter of the XX-th century.*

Jasna Fempl Madjarević (Belgrad): *Dimitrije Nesić, Pioneer of Serbian Mathematics.*

Marko Razpet (Ljubljana, Laibach): *Kniende und schweigende Universität.*

Rita Meyer-Spasche (Garching): *Oscar Buneman (1913--1993) und die Anfänge der Computational Plasma Physics.*



Christina Phili (Athen): *Die Stelle der Mathematik in Griechenland nach der Befreiung des Landes (1827). Das Beispiel des Kyparissos Stephanos (1857--1917).*

Karl-Heinz Schlote (Leipzig): *Money, money, money und ein schreiender Mangel. Die Besetzung des Mathematiklehrstuhls an der Universität Jena im 19. Jahrhundert.*

Circe Mary Silva da Silva (Espírito Santo, Brazil): *The translation and the use of Euler's Algebra in Brazil.*



In front: Magdalena Hyksová with son.

First row (from left to right): Marko Razpet, Rita Meyer-Spasche, Herwig Säckl, Waltraud Voss, Myriam-Sonja Hantke, Christa Binder, Michaela Chocholová, Ulrich Reich, Friedrich Katscher.

Middle row (from left to right): Martina Be cvá rová, Mrs. Pichler, Reiner Wieland, Mrs. Girlich, Menso Folkerts, Harald Gropp, Nada Razpet, Annette Vogt, Stefan Deschauer, Christine Phili, Gisela von Renteln, Peter Schmitt, Wolfgang Breidert.

Last row (from left to right): Milol v Milovanovi'c, Franz Pichler, Michael von Renteln, Marlene Breidert, Klaus Barner, Karl-Heinz Schlote, Sergui Demidov, Katalin Munkacsy.

Further participants were: Wolfgang Breidert (Karlsruhe), Cornelia Faustmann (Wiener Neustadt), Gerlinde Faustmann (Wiener Neustadt), Menso Folkerts (München), Detlef Gronau (Graz-Wien),



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Gerhard Lindbichler (Wien), Michael von Renteln (Karlsruhe), Peter Schmitt (Wien), Reiner Wieland (Wien).

In addition to the talks we had many discussions, a big table where books were on display (and partially for sale), in the evenings a four-part video on the history of mathematics was shown (Marcus du Sautoy: The story of Maths), and the (traditional) Sudoku competition was held.

The symposium was sponsored by the Austrian Ministry for Sciences and Research, by the ICHM, and by the Government of Lower Austria. Without these generous contributions it would not have been possible to support many of the participants, to offer an excursion, and to publish a proceedings volume with short (and some longer) written versions of the talks. (This volume will be available in autumn 2010 from christa.binder@tuwien.ac.at.)

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