

Report on the co-sponsored  
XVth Austrian Symposium on the History of Mathematics,  
from June 12 to 18, 2022 in Miesenbach, Lower Austria.

Theme: Vertical and horizontal cross sections

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We had to cancel the meeting which was scheduled for Spring 2020, and also in 2021 it would not have been possible for the participants to travel.

But this year we could have a normal meeting and therefore we could follow the tradition and meet at the Börsenhof in Miesenbach. Everyone was very happy to meet each other in person and most of the usual participants could come as well as some new ones.

The general theme was "Vertical and horizontal cross sections" which provided a large field of possibilities and gave everyone the chance to contribute something in their own field.

As always the Börsenhof and the region of Miesenbach provided ideal conditions, a big seminar room, comfortable rooms and very good meals, as well as walks in the surroundings and a small museum on the Biedermeier painter Gauermann.

On Wednesday we made an excursion to the near town Gutenstein with a museum exhibiting the life of peasants in the 19th century, and a beautiful Barock church called Mariahilf on a hill.

List of lectures:

Reinhard Siegmund-Schultze (Kristiansand): Ein neuer Blick auf die beiden  
Pyramidevolumenformeln 1850 v.u.Z.

Marko Razpet (Ljubljana): Die Kampyle des Eudoxos.

Nada Razpet (Ljubljana): the arbelos.

Jacques Sesiano (Lausanne): Erste Erscheinung magischer Kuben  
(Khazini, 13. Jhdt).

Karl Kleine (Jena): Robert Nelting.

Harald Gropp (Heidelberg): Back to the roots of graph theory.

Lea Dasenbrock (Leipzig): Die Algebra des Johannes Volmars im Vergleich zu  
zeitgenössischen Quellen.

Stefan Deschauer (Dresden): Die Regula Inventionis bei Johannes Widmann von  
Eger (1489).

Alfred Holl (Nürnberg): Überblick zur Regensburger Mathematiker-Familie  
Kaukol und ihren Werken im 17. Jahrhundert.

Hans Fischer (Eichstätt): Dirichlets "Lehre von den Reihen" aus dem  
WS 1840/41.

Wolfgang Herfort (Wien): Die eingespannte Saite, Euler - Hilbert - Soboleff.

Wiesław Wójcik (Polen): From Bernard Riemann to the Chicago school of  
mathematical analysis.

Thomas Krohn (Leipzig) - Silvia Schöneburg-Lehnert (Leipzig):  
Mathematikunterricht in Mitteldeutschland von der Weimarer Republik  
bis zur Entstehung der DDR.

Annette Vogt (Berlin): Female plenary speakers on the International Mathematical Congresses (1897-2018) - a long-durée investigation.

Renate Tobies - Winfried Mahler (Jena): kulturell-historischer Beitrag über Krakau und Warschau.

Danuta Ciesielska (Cracow): Polish students of Felix Klein.

Martina Bečvářová (Prag): Seligmann Kantor from Sobědruhy.

Peter Ullrich (Koblenz): Die Mathematik WILHELM WIRTINGER's (1865-1945) - nicht nur ein Differentialkalkül für Funktionen komplexer Veränderlicher.

Alexander Odefey (Hamburg): Einige neue Erkenntnisse zur Biographie Emil Artins.

Rita Meyer-Spasche (München): Zur Bedeutung von Eberhard Hopf (1902-1983) für Astronomie und Astrophysik - On the Importance of Eberhard Hopf (1902-1983) for Astronomy and Astrophysics.

Gabriela Besler (Katowice): Collaboration of Polish Logicians with Heinrich Scholz in the years 1928-1956.

Renate Tobies (Jena): Zur Position des mathematischen Assistenten in Deutschland - längs und quer beleuchtet.

Katica Hedrih (Belgrad): Running with Nonlinear Dynamics - The memory of scientist Hans Troger (March 11, 1943 - February 22, 2010).

Jasna Fempl (Belgrad): Science through Love - Love through Science.

Waltraud Voß (Dresden): Drei Dresdner Höhere Lehrer: Johann Vieth von Golzenau (1856-1938), Martin Gebhardt (1868-1946), Erich Günther (1886-1951).

Stanisław Domoradzki (Rzeszów) - Michael Zarichnyi (Rzeszow): Lwów School of Mathematics in the period of Second World War.

Herwig Säckl (Regensburg): Der Besuch - eine autobiographisch-fiktionale Skizze mit gemischter Österreichverehrung.

Further participants: Bernhard Beham (Wien), Gerlinde Faustmann (Wiener Neustadt), Evi Fischer (Eichstädt), Karl-Heinz Schlote (Altenburg), Peter Schmitt (Wien), Franz Vrabec (Wien).

Written Contributions:

Philippe Séguin (Nancy): 1948 - Das Denken in Strukturen in Lyrik und Mathematik: Kurt Reidemeisters Mallarmé-Übersetzung und Nicolas Bourbakis Architektur.

Christina Phili (Athen): Cyparissos Stephanos' unsuccessful attempt to translate Erlanger Program.



First row (from left to right):

Stefan Deschauer, Rita Meyer-Spasche, Jasna Fempl, Hans Fischer, Harald Gropp, Katica Hedrih, Karl Kleine, Alfred Holl, Marko Razpet.

Second row (from left right):

Waltraud Voss, Christa Binder, Renate Tobies, Silvia Schöneburg-Lehnert, Annette Vogt, Evi Fischer, Gerlinde Faustmann, Peter Ullrich, Danuta Ciesielska, Gabriela Besler.

Third row (from left to right):

Herwig Säckl, Nada, Razpet, Lea Dasenbrock, Winfried Mahler, Martina Bečvářová, Michael Zarichnyi, Wiesław Wójcik, Karl-Heinz Schlote, Stanisław Domoradzki.

Fourth row (from left to right):

Alexander Odefey, Thomas Krohn.

The volumes of all former meetings can be found under  
<https://www.mat.univie.ac.at/~schmitt/OeSGdM>

