
Monday (20 June)

- am 08:30 O1 Opening Organization Committee
Sven Fuchs, Chair Local Organization Committee
- 08:35 O2 Welcome Speech GFZ
Susanne Buitter, Scientific Executive Director GFZ
- 08:40 O3 Welcome Speech IUGG
Alexander Rudloff, Secretary General of IUGG - International Union of Geodesy and Geophysics
- 08:45 O4 Welcome & Honorary Speech IHFC
Massimo Verdoya, Chair of the IHFC - International Heat Flow Commission
- 09:00 O5 Čermák talk
Vladimír Čermák
- 09:30 A Thermal conductivity of Triassic evaporites and its influences on the rheology of an active extensional area: the Northern Apennines
Cristina Pauselli
- Coffee Break (30 min)**
- 10:20 B1 The Importance of Thermal Conductivity for Optimized Geothermal Analysis and Development
Arya Hakimian
- 10:40 B2 Determination of thermal conductivity of clastic sediments using geophysical well logs and its application for heat flow density determination in Hungary
Laszlo Lenkey
- 11:00 B3 Repeated temperature logs of 2 km deep borehole Litoměřice, Czechia
Jan Šafanda Dr.
- 11:20 B4 Thermal observations from deep boreholes in northwestern Europe: Increase of conductive heat flow with depth and long-term palaeoclimatic effect.
Niels Balling
- Group photo (20 min)**
- Lunch Break (60 min)**
- pm 01:00 C1 Heat flow of the Norwegian continental shelf
Christophe Pascal
- 01:20 C3 New advances in heat flow measurement in China
Yibo Wang
- 01:40 C4 Updated and improved continental conductive surface heat flow database from Mexico
Orlando Miguel Espinoza Ojeda
- Coffee Break (30 min)**
- 02:30 D1 Heat Flow Map of the Czech Republic
Petr Dědeček
- 03:50 D2 A geothermal heat flow model for Africa based on Random Forest Regression
Magued Al-aghbary
- 03:10 D3 Present-Day Surface Heat Flow Prediction Using Geophysical Proxies
Jeffrey Nunn
- 03:30 **Poster Attendance Time (1 hr)**
- Break**
- 05:30 Bus transfer (05:20 meeting, 05:30 departure)
- 06:00 **Evening lecture + Barberini Tour + Conference Dinner (4 hr)**
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- Evening talk**
- The Surface Heat Flow of Mars - Report about an attempt to measure it directly with the InSight mission - and to constrain it from seismic data and modeling.
Tillman Spohn
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- 10:15 Bus transfer for Seminaris guests
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Tuesday (21 June)

- 08:40 am E1 Heat flow exploration in and around the Gulf of California Rift: Past, Present and Future. Results from in depth exploration in South Pescadero Basin
Raquel Negrete-Aranda
- 09:00 E2 AuScope 'Heat Flow Program' to upgrade Australia's heat flow infrastructure
Graeme Beardsmore
- 09:20 E3 Geotherms and Thermal Parameters from the Curie Depth Constrained Spectral De-fractal Method: Examples from Africa, Australia, and North America
Dhananjay Ravat
- 09:40 E4 The temperature of continental mantle lithosphere as seen by a petrologist: An example from Cameroon Volcanic Line in West Africa
Jacek Puziewicz
- Coffee Break (30 min)**
- 10:30 Bus transfer
- 11:00 Boat tour
- 00:30 pm Bus transfer
- Lunch Break (60 min)**
- 02:00 F1 Continental lithospheric heat flow, temperature field and thickness – Examples and comments
Ladislaus Rybach
- 02:20 F2 A 3.85 Ga record of Heat Production and Its Geodynamic Response
Derrick Hasterok
- 02:40 F3 On Antarctic Geothermal Heat Flow
Mareen Lösing
- 03:00 F4 Tectonic inheritance, thermal field and rheological configuration of the lithosphere - lessons learnt from 3D models and open questions
Mauro Cacace
- 03:20 F5 The thermal regime and hydraulic properties of crystalline rocks at 6 km depth: Results of geothermal studies and hydraulic stimulation in the St1 Deep Heat project, Espoo, Finland

Ilmo T. Kukkonen
- Coffee Break (30 min)**
- 04:10 G1 Heat and Fluids in the Earth's Crust – on the Back of an Envelope
David Chapman
- 04:30 G2 Heterogeneities of the lithospheric thermal structure and rheology control Cenozoic intracontinental deformation in southeast China
Shaowen Liu
- 04:50 G3 Water-Loaded Depth and Heat Flow Pattern of the Eastern Mediterranean Sea
Massimo Verdoya
- 05:10 G4 A Regional Heat Flow Low in the South Formentera Basin (Western Mediterranean): a Hydrothermal Circulation Combined with Brine Reflux?
Jeffrey Poort
- 05:30 G5 The global heat flow database - status, progress and future projects
Sven Fuchs
- 05:50 E1 **Conference Closing**
Massimo Verdoya, Sven Fuchs
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Evening talk

- Wednesday** Climate change and heat flow: Last decades to measure heat flow in shallow holes
Ilmo T. Kukkonen

Poster (Monday - Tuesday)

- p01 Two Decades of Geothermal Climate Change Observatory, Prague-Sporilov
Vladimir Cermak
- p02 Heat flow distribution of southern South America and its connection with the geotectonic setting
Rodolfo Christiansen
- p03 Thermal structure of the Apennine– Tyrrhenian basin system (central Italy)
Gianluca Gola
- p04 The Importance of Thermal Conductivity for Optimized Geothermal Analysis and Development
Arya Hakimian
- ZOOM** p05 Apollo Lunar Heat Flow Paradox
Shaopeng Huang
- p06 GeLaB - a geothermal underground laboratory for basic research
Thomas Kohl
- ZOOM** p07 Geothermal regime of the Kuqa foreland basin, northwestern China
Shaowen Liu
- p08 Combining magnetic and gravity data to infer the crustal architecture and heat flow in Wilkes Land, Antarctica
Mareen Lösing
- p09 Heat flow and thermal regime in the Guaymas Basin, Gulf of California: Estimates of conductive and advective heat transport
Florian Neumann
- p10 A regional update of the IHFC Global Heat Flow Database – the quality assessment of the German heat-flow data
Ben Norden
- p11 A thermo-physical subsidence model for paleo-bathymetry reconstruction in extensional basins: quantifying the effect of lateral heat transfer
Alberto Pastorutti
- p12 Marine geothermal heat flow research at the University of Bremen and MARUM – Center for Environmental Sciences
Aline Ploetz
- p13 Mozambique Channel heat flow: new data and predicted heat flow map
Jeffrey Poort
- p14 Heat flow estimates in the Northern Mozambique Channel
Frédérique Rolandone
- p15 Geothermal atlas of the Sudetes and their foreland: an interdisciplinary project for recognizing the geothermal potential in SW Poland
Piotr Słomski
- p16 Mapping the Thermal Structure of Southern Africa From Curie Depth Estimates Based on Wavelet Analysis of Magnetic Data With Uncertainties
Mohamed Sobh
- p17 Lithospheric thermal structure from thermal data collection in and around Japan
Akiko Tanaka
- p18 Mantle thermal conditions of the Zagros collision zone and surroundings
Magdala Tesouro
- p19 On the thermal and seismotectonic environment of the Finnish part of the Wiborg rapakivi batholith
Toni Veikkolainen
- p20 Testing the Lithospheric Implication of four different Geothermal Heat Flow models for Greenland
Agnes Wansing
- p21 Do temperature predictions of the crust need to consider pressure and temperature-dependent rock thermal conductivity?
Andrea Förster
- p22 Heat flow measurements in Slovenia and convective share in the borehole thermograms
Dušan Rajver
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