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THIRD CIRCULAR - CALL FOR ABSTRACTS



7TH INTERNATIONAL MEETING ON HEAT FLOW AND THE GEOTHERMAL FIELD

12–14 May 2020 – Potsdam, Germany

On behalf of the International Heat Flow Commission (IHFC), we are pleased to invite you to the **Čermák7** conference - the 7th International Meeting on Heat Flow and the Geothermal Field in Potsdam, Germany. The conference **registration is now open** and **limited to 70 participants**. You are cordially invited to register and to submit abstracts.

The meeting is subdivided into a (I) **scientific conference** with keynote speakers from Australia, the USA, Finland, and Germany and (II) an **expert workshop** on the content and organization of the international heat-flow database.

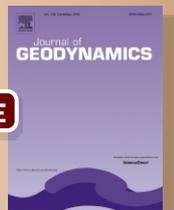
We are looking forward to welcoming you in Potsdam!

The local organizing committee

Sven Fuchs, Ben Norden, Andrea Förster, Sascha Brune, Angela Spalek
German Research Centre for Geosciences GFZ
cermak7@gfz-potsdam.de

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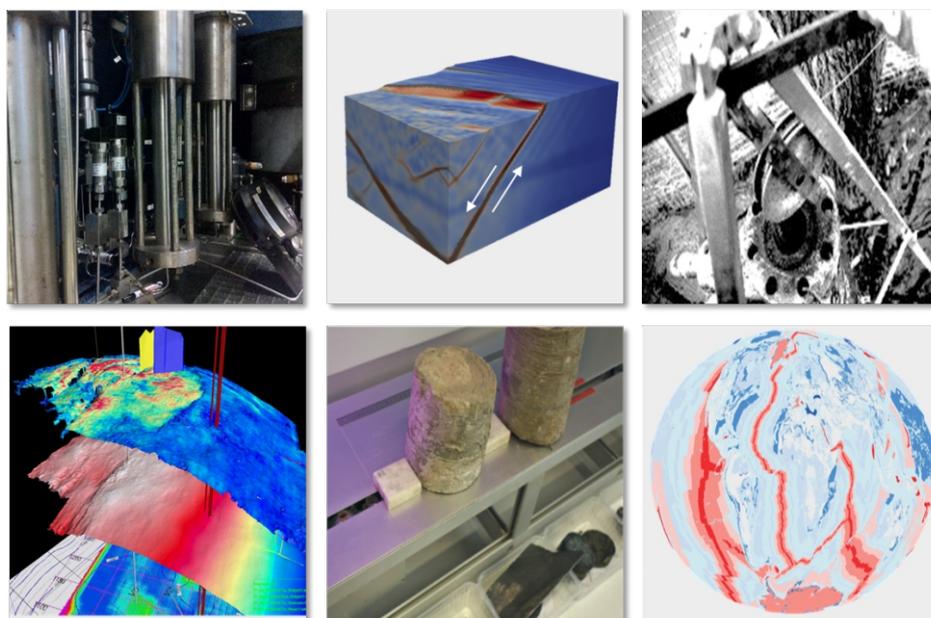
Registration & abstract submission open
cermak7.ihfc-iugg.org **deadline 01 March 2020**

T H E M E S

The **scientific conference** focuses on integrated studies on the understanding of heat flow and the Earth's geothermal field. Contributions are welcome addressing the following themes: heat-flow determination and quality of heat-flow compilations | experimental and theoretical work on rock thermal properties and heat transfer processes | the relations between thermal state, rheology and geodynamics | xenolith studies to verify thermal lithospheric models | thermal evolution of sedimentary basins | borehole

temperature data in relation to climate research | geological and thermo-physical data for the exploration of geothermal energy systems.

The **expert workshop** focuses on in-depth evaluation, development and discussion of criteria for determination, documentation, data banking, and quality assessment of heat-flow data. The workshop will be organized in joint and parallel specified break-out session. It is expected that new guidelines are developed for an advancement and update of the global heat-flow database.



S C I E N T I F I C C O M M I T T E E

Irina Artemieva - USA
Niels Balling - Denmark
Vladimír Čermák - Czech Republic
Rob Harris - USA
Jacek Majorowicz - Canada
Raquel Negrete-Aranda - Mexico

Ana Maria Negredo - Spain
Sukanta Roy - India
Magdalena Scheck-Wenderoth - Germany
Maria Richards, USA
Massimo Verdoya - Italy
Heinrich Villinger, Germany

A B S T R A C T S

Abstract shall not extend 500 words. With the [abstract submission](#) it is inferred that the author attends the conference. Abstract submission should indicate the type of presentation (oral or poster). Time slots for oral presentations are 12 minutes plus 3 minutes discussion; posters shall be in A0 format.

The final decision on type of presentation will be in the hands of the organizing committee.

As the conference format considers participation of a **maximum of 70 attendees**, a selection on suitability of submissions to the conference themes will be made.

deadline: 1st March 2020

VENUE

Potsdam, the city of Sanssouci and of the [UNESCO cultural heritage](#), is a historic cultural place located just outside Berlin in eastern Germany. Located in an idyllic lake landscape, countless castles and parks are inviting visitors to linger. German and international history is concentrated here in an almost exciting way. [Discover the beauty of Potsdam](#) with the impressive castle Sanssouci, the Barberini museum or make an excursion on the

extensive network of lakes and rivers.

The vibrant city of Berlin can be reached by a 30 minutes train journey. Following the Čermák conference tradition, we have chosen a venue outside the urban centre of Potsdam. The [Seminaris SeeHotel](#), located on the shore of lake Templiner See, offers a serene working atmosphere.



FEES

As the Čermák7 conference aims at contributing to a lively discussion and networking also beyond the technical program, we encourage each participant to book the suggested conference hotel.

The full registration fee covers participation in the meeting, the accommodation incl. breakfast, the catering with lunch and coffee breaks, the social events and the dinners.



NEED EXTRA TIME?

We can help with booking additional days at the conference venue.

Start the registration [now!](#)

	Conference only (Monday-Wednesday)	Conference + workshop (Monday-Friday)
Registration only (without accommodation)	195 €	295 €
Registration and accommodation in Seminaris SeeHotel	(two nights)	(four nights)
One attendee (single room)	395 €	695 €
Two attendees (double room)	345 €	575 €

all fees: gross price per person

VISA POLICY

All Čermák7 participants receive a confirmation letter of registration after successful completion of

the registration for the meeting. Further details on [visa application](#).

PRELIMINARY PROGRAM

ARRIVAL DAY Monday 11 May	DAY 1 Tuesday 12 May	DAY 2 Wednesday 13 May
14.00 - 17.00 Sightseeing Potsdam (optional)	08.30 - 09.00 Opening ceremony conference	09.00 - 12.30 Keynote & scientific session Closing conference
15.00 - 19.00 On-site registration	09.00 - 12.30 Keynote & scientific sessions	13.30 - 17.00 Opening workshop & keynote
18.00 - 21.00 Buffet dinner	13.30 - 17.00 Keynote & scientific session with poster presentation	18.00 - 21.00 Buffet dinner
19.00 - 21.00 Welcome reception / Icebreaker	18.00 - ... Conference dinner & evening lecture	19.00 - ... Castle tour / boat tour (optional)
DAY 3 Thursday 14 May	DEPARTURE DAY Friday 15 May	LETTER OF INVITATION
09.00 - 17.00 Workshop with lunch break	10.30 - 13.00 Visit the Wissenschaftspark Albert- Einstein (science campus Telegrafenberg) with the royal Prussian observatories (optional, organized by GFZ)	If needed, the participants can request a letter of Invitation by e-mail cermak7@gfz-potsdam.de
17.30 - 18.00 IHFC meeting		
18.00 - ... Workshop final dinner & evening lecture		

KEYNOTES

UPDATE

Irina Artemieva (Stanford University, USA)

"How thick is the continental lithosphere? Reconciling thermal, seismic and petrological data"

Derrick Hasterok (University of Adelaide, Australia)

"Quantifying Radiogenic Contributions to Continental Heat Flow"

Maria Richards (SMU, Dallas, USA)

"Depth, Density, Diffusion: when is heat flow accurate enough?"

Heinrich Villinger (University of Bremen, Germany)

"Why and what for are we still interested in marine heat flow"

Ilmo Kukkonen (University of Helsinki, Finland) - **EVENING TALK**

"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"

Tilman Spohn (DLR Berlin, Germany) - **EVENING TALK**

"The difficult measurement of the Surface Heat Flow on other Solar System Planets and Objects"

KEY DATES

September 2019	First circular	15 April 2020	Final program release
November 2019	Second circular Registration and abstract submission open	11 May 2020	Arrival/on-site registration, pre- conference event, welcome reception/icebreaker evening
01 March 2020	Abstract submission and online registration close	12-14 May 2020	Conference and workshop
21 March 2020	Notification to authors on abstract acceptance and presentation type	15 May 2020	Post-conference event, departure

NEW SPECIAL ISSUE

We offer attendees of the Čermák7 meeting the opportunity to submit high-quality papers of topics presented at conference or workshop to a **special issue of the Journal of Geodynamics**.

Learn more about the [Journal of Geodynamics](#).

The special issue shall reflect the focus of C7 on heat-flow and geodynamic studies (cf. compare the conference themes).

Preliminary titles will be collected during the meeting or can be send beforehand to cermak7@gfz-potsdam.de

Preliminary deadline for paper abstracts is 01 June 2020
Preliminary **deadline for full paper submission 31 December 2020**



IF(2019) 2.813

Conditions:

All papers are subject to a normal peer review process and are published as regular papers a **few weeks after acceptance**, in order to speed up the publication time for authors. Accepted manuscripts are in any event posted a few days after acceptance with a DOI and are therefore immediately citable. Papers are highlighted with the issue title and guest editors in contents lists. Papers are collected as a **'virtual' special issue** (again with title and guest editor listing) until the last paper is accepted. This represents a considerable time saving for authors.

In addition, the entire issue will be made free to view for 3 months. Review-type articles will be made free to view for additional 3 months. There will be free colour printing for all papers.

More information: ihfc-iugg.org/documents/publications/jog2021

SIGN UP TO STAY INFORMED: CERMAK7.IHFC-IUGG.ORG

GREETING

” Thirteen years went by since the 6th international workshop “Heat Flow and the Lithosphere Structure” took place in Bykov. This meeting was the last of the successful series of conferences (1982-2006), which later became known as the famous Czech “castle meetings”.

It is nice to realize that this heritage was not forgotten. I appreciate the initiative of the IHFC and the colleagues from GFZ to revitalize the castle meeting idea and I feel very honoured that the conference 2020 will carry my name.

It will be a great pleasure for me to come to Potsdam. ”



Vladimír Čermák
Institute of Geophysics of the Czech Academy of Sciences

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