

A NEW FACE OF GEOHERMAL ENERGY



*Investigation of Extraterrestrial
Geothermal Potentials in the Solar System*

DATE AND TIME

Friday, April 5th, 2019

10:00 – 16:00

LOCATION

IGA's headquarters:

Charles-de-Gaulle-Str. 5

53113 Bonn, Germany

TOPICS & SPEAKERS

This short course will focus on:

- 1- A general overview of all NASA's space exploration missions, in specific the ones related to Mars and the icy moons, Europa and Enceladus**

Mr. Sepehr Sangin, IGEA's Head of international Affairs, expert of geothermal energy and citizen scientist of space sciences

2- The measurement of Martian geothermal gradient and planetary heat flow based on the measurements of HP³ instrument installed on Mars lander InSight

Prof. Dr. Tilman Spohn, Ex-director of DLR's planetary research institute and principle investigator of InSight's HP³ measurement tool

3- Investigation of the hydrothermal activities in Saturn's icy moon, Enceladus, and possibilities of extraterrestrial life existence due to it; based on the findings of "Cassini" Space craft

Prof. Dr. Frank Postberg, Head of planetary science and remote sensing department in FU Berlin.

AGENDA

10 am - 11 am Topic 1

11 am - 11:10 am Coffee break

11:10 am - 12:40 pm Topic 2

12:40 pm - 13:40 pm Lunch break

13:40 pm - 15:10 pm Topic 3

15:10 pm - 16:00 pm Q&A