Symposium
Universität Kiel
Hans-Geiger-Hörsaal
Leibnizstr. 13 | 24118 Kiel

With kind support of

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Life Under Extreme Conditions

26. Japanese-German Symposium

Japan Society for the Promotion of Science and
Deutsche Gesellschaft der JSPS-Stipendiaten e.V.

with kind support of

C A U
Christian-Albrechts-Universität zu Kiel

May 12 and 13, 2023 in Kiel

Friday, May 12, 2023

Convener: Prof. Dr. Wolfgang Duschl (University of Kiel)

12:00	Registration
13:00	Welcome Remarks • **Prof. Dr. Heinrich Menkhaus** (Chairman, German JSPS Alumni Association) • **Kikuko Kato** (Consul General Japan) • **Prof. Dr. Simone Fulda** (President, University of Kiel) • **Prof. Dr. Frank Kempken** (Dean, Faculty of Natural Sciences, University of Kiel) • **Dr. Hans-Michael Kiefmann** (Honorary Chairman, DJG Schleswig-Holstein)
13:45	Lorenz von Stein and Japan **Jule Herbst** (Lorenz von Stein Institute, University of Kiel)

Part 1: Microbiology under Extreme Conditions

Convener: Dr. Matthias Hofmann (JSPS Club Board Member)

14:30	Dark Energy Ecosystem Driven by Chemical Disequilibrium in the Earth and even Extraterrestrial Bodies **Prof. Dr. Ken Takai** (Japan Agency for Marine-Earth Science and Technology, JAMSTEC)
15:00	Extremophiles **Prof. Dr. Peter Schönheit** (University of Kiel)
15:30	Q&A session
15:45	Group Picture & Coffee Break

Part 2: Extra-Terrestrial Life

Convener: Prof. Dr. Masahiko Hayashi (JSPS Bonn Office)

16:30	Exoplanets, Astrobiology **Prof. Dr. Motohide Tamura** (The University of Tokyo)
17:00	In-situ Research in the Solar System **Prof. Dr. Robert Wimmer-Schweingruber** (University of Kiel)
17:30	Q&A session
17:45	Introduction of JSPS Programs **Eriko Suto** (JSPS Bonn Office)
19:00	Dinner at restaurant JSPS Alumni Club Award 2023 Ceremony

Saturday, May 13, 2023

09:00 **Opening Message from Prof. Dr. Kodaira (former Director of the JSPS Bonn Office) online from Japan**

Part 3: Life in Deep Sea

Convener: Dr. Wolfgang Staguhn (JSPS Club Board Member)

09:15	Life at the Edge: Black Smokers and Hydrothermal Systems in the Deep Sea **Dr. Sven Peterson** (GEOMAR)
09:45	Ocean World Habitability and the Origin of Life **Prof. Dr. Yasuhito Sekine** (Earth-Life Science Institute of the Tokyo Institute of Technology, ELSI)
10:15	Q&A session
10:30	Coffee Break

Part 4: Extreme Conditions in Society?

Convener: Prof. Dr. Katja Kölkebeck (JSPS Club Board Member)

11:15	Modelling Pandemics, Mathematics of Pandemics in a Nutshell **Prof. Dr. Reinhard Schlickeiser** (University Bochum)
11:45	Removing CO_2 from the Air and Reflecting Sunlight into Space – Extreme Ways to Deal with Climate Change? **Dr. Christine Merk** (Kiel Institute for the World Economy, IfW)
12:15	Q&A session
12:30	Closing Remarks **Prof. Dr. Masahiko Hayashi** (JSPS Bonn Office)
12:45	Lunch

For participants of General assembly of JSPS Club:

14:00	General Assembly of JSPS Club
Transport: public transport	
16:45	Guided tour to the Zoological Museum of the University of Kiel

For others:

Transport: public transport	
14:30	Guided tour to the Zoological Museum of the University of Kiel