



Purpose: This first symposium is aimed to interact with the Indian scientists regarding the present status and future trends of geoscience research in the present-day active plate convergent area (Himalaya) and the similar records in the Precambrian geology of India. The student participants are expected to interact with the researchers and students of Hiroshima University to align their future course of research in collaboration with Hiroshima University.

Date: 24–29th January 2018.

Place: Science faculty building, Hiroshima University, Higashi-Hiroshima campus, 1–3–1 Kagamiyama, Higashi-Hiroshima, 739–8526.

Detailed program

**23rd January 2018, Tuesday**

All participant will be reaching Higashi Hiroshima by evening

Picked up by Das, Hayasaka and Ando from Hiroshima Airport

**24th January 2018, Wednesday**

Place

Cancel

**25th January 2018, Thursday**

9:00-9:30 AM

C104

Group seminar for students/demonstration

**DAS (Earth and Planetary materials Group)**

9:30 AM -11 AM

C104

Group seminar for students/demonstration

**SHIRAIISHI (Earth and Planetary chemistry Group)**

11AM-12:30 PM

C104

Group seminar for students/demonstration

**ANDO (Earth and Planetary materials Group)**

1 PM - 2 PM

C104

Group seminar for students/demonstration

**HOSHINO (Earth and Planetary chemistry Group)**

2 PM- 3 PM

C104

Group seminar for students/demonstration

**SHIBATA (Earth and Planetary chemistry Group)**

3 PM - 6 PM

Science A  
block 7th floor

Joint poster presentation by Indian and HU students

**26th January 2018, Friday**

E203

Symposium

Title

1st session

9.00 AM-9:10 AM

Toru Inoue

*Opening remarks and about HiPeR*

**Continental crustal  
dynamics**

9:10 AM - 9:30 AM

Gautam Ghosh

*The Singhbhum Craton, India: a key to study early Earth Processes*

9:30 AM-9:50 AM

Sankar Bose

*Evolution of hot continental lower crust during Proterozoic accretionary orogenesis*

9:50 AM-10:10 AM

Anupam Chattopadhyay

*Fault reactivation, seismicity and continental deformation*

10:10 AM-10:30 AM

Saeko Kita

*Nature of the stress drops of intraslab earthquakes*

Break

2nd session

11:00 AM- 11:20 AM

Fumito Shiraishi

*The present is the key to the past*

**Interaction between  
life, sediment, and  
environment**

11:20 AM-11:40

Partha Pratim Chakraborty

*Proterozoic hydrosphere Oxygenation (continuous or bumpy?) and early evolution of life: Theories, Debates and More*

11:40 AM-12 Noon

Santanu Banerjee

*Records of microbial life: Precambrian vs. modern*

LUNCH

1:00 PM-1:20 PM

Biplab Bhattacharya

*Implications of Permian marine transgressions in peninsular India: An integrated sedimentological, ichnological and sequence stratigraphic reappraisal*

1:20 PM-1:40 PM

Prabir Dasgupta

*Evidence of Proterozoic Snow-ball Earth: the Indian perspective*

1:40 PM - 2:00 PM

Hikaru Yabuta

*Organic compounds in Solar System: Building blocks of planets and life*

Break

3rd session

**Earth Deep interior**

2:30 PM-2:50 PM

Ashima Saikia

*Probing the Earth's deep Interior through a combined approach of mineral chemistry and geochemistry*

2:50 PM-3:10 PM

Sujoy Kanti Ghosh

*Stability of Si-doped carbide at Earth's inner core*

3:10 PM-3:30 PM

Takaaki Kawazoe

*Creep strength of ringwoodite*

3:30 PM-3:50 PM

Masaaki Miyahara

*Shock metamorphism recorded in a meteorite*

Break

4th session

**Young HiPeR talk**

4:30 PM-4:50 PM

Kenta Kawaguchi Yugo 1

*Geology of Vietnam with special emphasis on the Cretaceous subduction-related magmatism of Dalat Zone, southcentral Vietnam*

4:50 PM-5:10 PM

Bidhisha Dey Yugo 2

*Geochemistry and implications of the Kyushu volcanics*

5:10 PM- 5:30 PM

Dyuti Prakash Sarkar

*Deformation microstructures in shallow crustal thrusts within an orogen – A case study on Himachal Himalayas*

6:00 PM- 8:00 PM

"Ice-melting" dinner party at the same venue

**27th January 2018, Saturday**

Fieldwork Yamaguchi

8:30AM start by bus

Hayasaka, Ando, Das, Shiraishi, Inoue

Optional: enjoying one night stay at a Japanese traditional hot-spring resort (self-paid trip)

**28th January 2018, Sunday**

Hiroshima City visit

1) Genbaku dome

2) Miyajima

Accompanied by Inoue + Das + Miyahara

**29th January, Monday**

9:30 AM -11:30 AM

A004

Group seminar for students/demonstration

**Earth and Planetary Physics Group (Inoue-Sato)**

11:30 AM - 12 noon

A004

Group seminar for students/demonstration

**DAS (SHRIMP laboratory visit)**

1 PM - 4 PM

A004

Group seminar for students/demonstration

**Earth and Planetary Physics Group (Suda- Nakakuki-Katayama)**

4 PM - 6 PM

A004

Group seminar for students/demonstration

**HAYASAKA-OHKAWA (Earth and Planetary materials Group)**

**30th January, 2018**

Check-out at 9 AM

Move to Hiroshima airport by 10:30 AM

Seeing off by Ando, Das, Hayasaka

Flight is at 2:20 PM

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