

***The International
Space Science
Institute–Beijing:***

**Supporting space science in
a regional context**

Richard de Grijs

ISSI–BJ Executive Director

<http://www.issibj.ac.cn/>



How to exploit your space science data

US-based scientists:



Any scientist:





A (not-so-)new option in the Indo-Pacific!





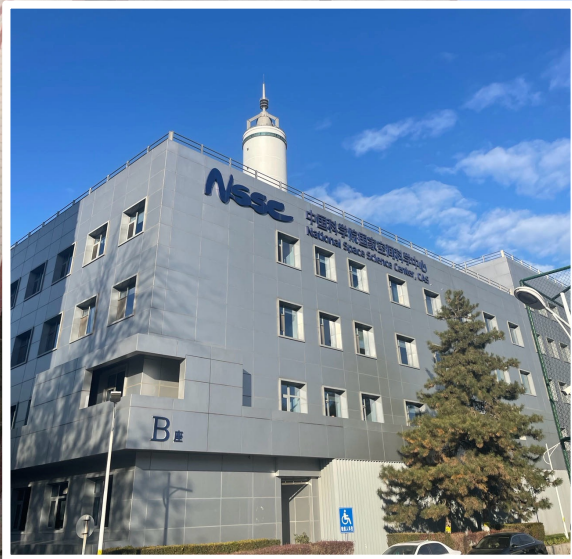
A (not-so-)new option in the Indo-Pacific!



Any scientist!
(since 2013)



Research excellence through international collaboration



*The prime networking venue for space
scientists in the Indo-Pacific region*



Mission statement



*The International Space Science Institute–Beijing offers an **independent, neutral** and unique **cross-institutional, multilateral** research and discussion platform driven by the pursuit of **scientific excellence**.*

*ISSI–BJ aims to develop into a prime networking venue for **space scientists**, offering a stimulating environment, combined with financial and logistics support, to facilitate **breakthrough science**.*





Space Science



We support all space-based science disciplines:

- Solar/plasma physics (*)
- The solar–terrestrial interface (incl. space weather) (*)
- Earth observation (*)
- Microgravity science
- Planetary science
- Exoplanets
- Space-based astrophysics

We focus on the ***scientific exploitation*** of space science data and ***preparation for future space science missions*** (contractual obligation).

All scientific research is meant for ***eventual publication in the open scientific literature.***

We do not engage in (space) engineering or technology transfer.





Scientific excellence




ISSI–BJ operates on the principles of

- *Scientific excellence*
- ... from a truly *international perspective*
- ... in a *neutral* environment

ISSI–BJ's science programme and tools are assessed and prioritised by the joint ISSI/ISSI–BJ *Science Committee*

*We offer our scientists the opportunity to
fully focus on the pursuit of breakthrough science
without logistical or political distractions.*



Scientific excellence: leadership

Prof. Richard de Grijs | 何锐思

(ISSI-BJ Executive Director)

Academic pedigree:

- University of Groningen (Netherlands; PhD)
- University of Virginia (USA)
- University of Cambridge (UK)
- Peking University (China; ***deputy director***, Kavli Institute for Astronomy and Astrophysics)
- Macquarie University (Australia; ***Associate Dean International***)

Prof. DONG Xiaolong | 董晓龙

(ISSI-BJ Administrative Director)

Deputy Director, National Space Science Center (China)



Prof. Richard de Grijs

Executive Director

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Prof. Dong Xiaolong

Administrative Director

xl.dong@issibj.ac.cn

Leading (Discipline) Scientists

06/2024–present

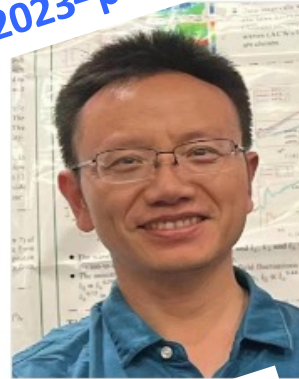


A/Prof. Sharon Wang
*Tsinghua University,
China*

Exoplanets



08/2023–present



Prof. CHEN Pengfei
Nanjing University, China



**Solar and Plasma Physics/
Solar–Terrestrial Interface
(+ Prof. DONG Xiaolong)**

07/2023–present



Prof. Fabio Favata
Formerly at ESA Headquarters

**Senior advisor to the
Executive Director**

03/2021–present



Prof. Takehiko Satoh
JAXA, Japan

Planetary Science



**Astrophysics –
Prof. Richard de Grijs**



**Earth Observation
vacant**



The ISSI–BJ Advantage



The “ISSI–Beijing advantage”

Approved members of ISSI–Beijing programmes will receive:

1. Free accommodation in a 4-star hotel (including breakfast) within easy walking distance from ISSI–Beijing from the night before their first meeting day until the night of their last meeting day.
2. Lunches in the basement cafeteria of the National Space Science Center
3. A welcome reception or gala dinner in their hotel (depending on the meeting type).
4. Free use of ISSI–Beijing meeting facilities, including for remote participation; a selection of snacks available at any time; a coffee machine serving *illy*® coffee.
5. ISSI–Beijing does not levy any registration fees.
6. Up to three organisers are eligible for travel reimbursement.



Park Plaza Beijing Science Park





Our unique offering



All ISSI-BJ programmes are by definition:

- ***Multilateral***

- Participation by scientists of ***at least 4 nationalities*** is a minimum requirement.

China now offers visa waivers (up to 30 days) for meeting attendees from many countries.

A: Nationals of 38 countries including Brunei, France, Germany, Italy, Spain, Holland, Malaysia, Switzerland, Ireland, Hungary, Austria, Belgium, Luxembourg, New Zealand, **Australia**, Poland, Portugal, Greece, Cyprus, Slovenia, Slovakia, Norway, Finland, Denmark, Iceland, Andorra, Monaco, Liechtenstein, Korea, Bulgaria, Romania, Croatia, Montenegro, North Macedonia, Malta, Estonia, Latvia, Japan holding valid ordinary passports can be exempted from visa requirement if entering into China for the purpose of business, tourism, family or friends visits, exchange and transit. They can stay in China for no more than 30 days without visa.

US, UK: consider 144-hour transit visa waivers

- ***Multi-institutional***

- We are ideally placed to facilitate multi-institutional meetings, offering ***significant logistics support***.
- 



Our unique offering



(continued)

All ISSI-BJ programmes are *by definition*:

- ***Internationally competitive***
 - Our joint Science Committee is composed of *internationally leading space scientists*.
- ***Neutral*** and ***scientifically independent***
 - ISSI-BJ is an *international non-governmental organisation*.

Oversight by an international Board of Trustees



*(ISSI–BJ BoT
meeting,
July 2023)*



Chairman of the Board of Trustees

- Prof. Wu Ji, National Space Science Center, CAS, China (retired; former NSSC Director-General)

Secretary of the Board of Trustees

- Dr. Li Xiaoyu, National Space Science Center, CAS, China (head of the NSSC International Cooperation Office)

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- Prof. Zhang Shuangnan, Institute of High Energy Physics, CAS, China
- Prof. Wang Zhenyu, Deputy Director-General, Bureau of International Cooperation, CAS, China (*ex officio*)



Consider using our platform!



- ***International Teams***

- 8–12 scientists, 2–3 one-week meetings (ISSI-BJ or ISSI; or both), resulting in peer-reviewed publications in top (Q1) journals

We also welcome
young scientists!

- ***Forums***

- 15–25 leading scientists, forward-looking, 2-day discussion meetings about future mission concepts (science); published as *review papers*, and also in our *Taikong* magazine

Not just for
mission teams!

- ***Workshops***

- 40–50 leading scientists, by invitation only; mini-conferences; published as review papers in *Space Science Reviews*, also as volumes in the *Springer Space Science Series*.

- ***Working Groups***

- Technical working groups with specific tasks, resulting in peer-reviewed publications in top journals; additionally published in the *Springer ISSI Scientific Report Series*
- 



Modern facilities



Coffee Room



Saturn Hall



Earth Hall

Relevant examples (astro): International Teams

Dates	Convener(s)	Topic	Notes
11–15 Sept. 2023	Ran Li (China)	Strong Gravitational Lensing Studies with CSS-OS and EUCLID	ISSI/ISSI-BJ
15–19 Jan. 2024	Martin Ward (UK)	Active Galaxies in Crisis: A Statistical Study of Ultraviolet Variability	ISSI/ISSI-BJ
20–24 Jan. 2025	Anupam Bhardwaj (India)	EXploiting Precision AstroNomical Distance INDicators in the <i>Gaia</i> (EXPANDING) Universe	ISSI/ISSI-BJ

Workshop and Forums

Astrophysics is under-served at ISSI-BJ!

Dates	Lead Convener	Topic
20–21 July 2023	Maurizio Falanga (Switzerland)	Detecting Missing Baryons in the Universe [Forum]
24–25 June 2024	Jian Ge (China)	Toward detection of Earth-like planets in the Universe [Forum]
14–18 April 2025	Richard de Grijs (Australia)	Space-based stellar astrophysics in the ultraviolet [Workshop]
10–11 June 2025	Junjie Mao (China)	Surveying the hot baryons within the Milky Way [Forum]

+ Gravitational wave science (Lead: Fabio Favata)



Current opportunities



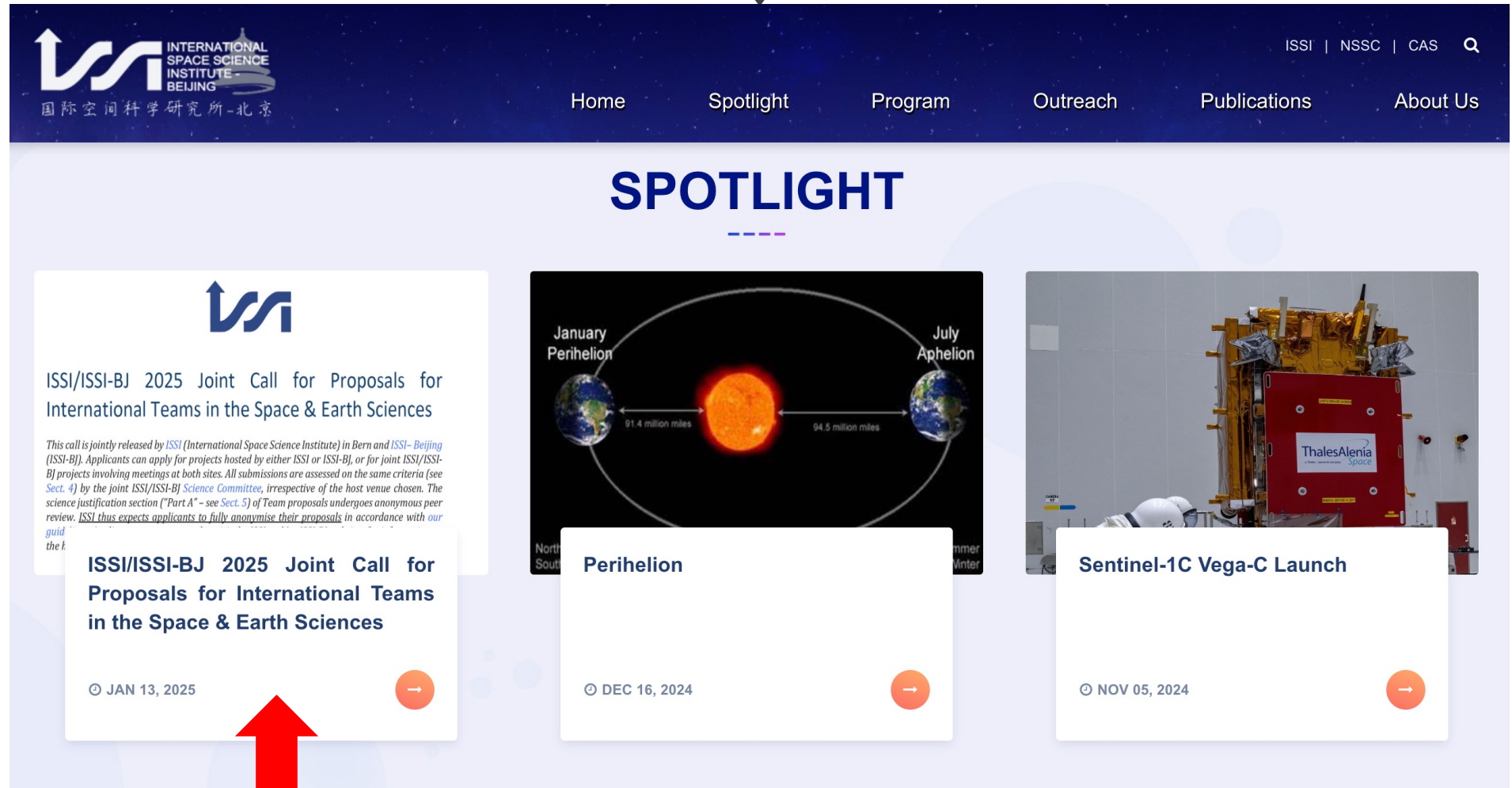
- ***Joint ISSI/ISSI-BJ Call for International Teams***
 - Deadline: **13 March 2025**
 - Once a year
 - Significant, targeted support provided by ISSI-BJ
- ***Community Call for Workshop Proposals***
 - Suggested deadline: **31 March 2025**
 - Open call throughout the year
 - *Contact the ISSI-BJ executive director*
- ***We also welcome Forum and Working Group proposals***
 - *Contact the ISSI-BJ executive director*

Workshop, Forum and Working Group proposals will be assessed by our Science Committee in May and November

<http://www.issibj.ac.cn/>

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The screenshot shows the ISSI website with a dark blue header. The header contains the ISSI logo and name in English and Chinese, navigation links (Home, Spotlight, Program, Outreach, Publications, About Us), and a search bar. The main content area is titled "SPOTLIGHT" and features three featured articles. The first article, "ISSI/ISSI-BJ 2025 Joint Call for Proposals for International Teams in the Space & Earth Sciences", is highlighted with a red arrow. The second article, "Perihelion", includes a diagram of Earth's orbit around the Sun, showing perihelion in January (91.4 million miles) and aphelion in July (94.5 million miles). The third article, "Sentinel-1C Vega-C Launch", features a photo of the satellite. Each article card includes a date and a right arrow icon.

ISSI/ISSI-BJ 2025 Joint Call for Proposals for International Teams in the Space & Earth Sciences

This call is jointly released by ISSI (International Space Science Institute) in Bern and ISSI-Beijing (ISSI-BJ). Applicants can apply for projects hosted by either ISSI or ISSI-BJ, or for joint ISSI/ISSI-BJ projects involving meetings at both sites. All submissions are assessed on the same criteria (see Sect. 4) by the joint ISSI/ISSI-BJ Science Committee, irrespective of the host venue chosen. The science justification section ("Part A" - see Sect. 5) of Team proposals undergoes anonymous peer review. ISSI thus expects applicants to fully anonymise their proposals in accordance with our guide the k

ISSI/ISSI-BJ 2025 Joint Call for Proposals for International Teams in the Space & Earth Sciences

© JAN 13, 2025

Perihelion

© DEC 16, 2024

Sentinel-1C Vega-C Launch

© NOV 05, 2024

Tailor-made opportunities for key partners can be discussed as well.