 Bundesamt
für Eich- und
Vermessungswesen



Wissenschaftsetage im Bildungsforum
Potsdam, Germany | October 10 – 11, 2024

www.ggos.org/event/ggos-days-2024/

Programme

Thursday, 10 October 2024

08:00-08:45 **Registration**

Opening

- 08:45-09:00 Welcome
- 09:00-09:15 Updating GGOS Strategy and Implementation
Laura Sánchez
- 09:15-09:30 Reporting recent activities of the International Association of Geodesy
Daniela Thaller

GGOS Focus Areas

Convener: Laura Sánchez

- 09:30-09:50 Geodetic Space Weather Research - the next period
Michael Schmidt
- 09:50-10:10 Geodesy Meets AI: Latest Progress in the GGOS Focus Area AI4G
Benedikt Soja
- 10:10-10:30 GNSS-enhanced Tsunami Early Warning Systems for Oceania
Tim Melbourne

10:30-11:00 **Coffee Break**

Empowering collaborations with external stakeholders

Convener: Anna Riddell

- 11:00-11:15 Highlights from GGOS Sessions at International Conferences
José Ferrandiz
- 11:15-11:30 Science-policy networking in geodesy and Earth observation
Allison Craddock, José Rodríguez, Detlef Angermann, Martin Sehnal
- 11:30-11:45 Towards 1st Development Plan for Global Geodesy
Jan Dostal
- 11:45-12:00 IAG Early Career Scientist Representatives - Introduction and Future Plans
Julia Azumi Koch, Rebekka Steffen
- 12:00-12:15 Advancing GGOS: Effective Communication and Outreach Efforts
Martin Sehnal
- 12:15-12:30 Discussion/Summing up
- 12:30-12:35 **Photo**
- 12:35-14:00 **Lunch Break**

Standardisation, integration, and optimisation of geodetic products

Convener: Detlef Angermann

- 14:00-14:15 Updates from the GGOS Bureau of Products and Standards
Detlef Angermann
- 14:15-14:30 New strategy for ITRF Updates [\[online\]](#)
Zuheir Altamimi
- 14:30-14:45 Combination Centre for the International Height Reference Frame (IHRF)
Georgios S. Vergos
- 14:45-15:00 Status of the International Terrestrial Gravity Reference Frame (ITGRF)
Hartmut Wziontek
- 15:00-15:15 Definition of Essential Geodetic Variables (EGVs) [\[online\]](#)
Thomas Gruber
- 15:00-15:30 Discussion/Summing up
- 15:30-16:00 **Coffee Break**
- 16:00-16:15 Towards an updated reference level ellipsoid [\[online\]](#)
Urs Marti
- 16:15-16:30 Contributions to Earth system modelling
Maik Thomas

Enhancement of geodetic collaboration at regional level

Convener: Martin Sehnal

- 16:30-16:45 GGOS Japan [\[online\]](#)
Basara Miyahara

- 16:45-17:00 GGOS IberAtlantic
Esther Azcue Infanzón
- 17:00-17:15 Charting the Course for GGOS Africa: Integrating Pan-African Geodetic Efforts for Global Impact
Aletha de Witt
- 17:15-17:30 Discussion/Summing up
- 18:15 **Dinner** (at restaurant L'Osteria | [registration required](#))

Friday, 11 October 2025

Updates on the global geodetic infrastructure

Convener: José Rodríguez

- 08:30-08:45 News from the GGOS Bureau of Networks and Observations
José Rodríguez
- 08:45-09:00 Status of novel gravity field satellite missions
Roland Pail
- 09:00-09:15 GENESIS: IAG and ESA cooperation for mission success [\[online\]](#)
Johannes Böhm
- 09:15-09:30 General considerations from N years of simulation studies
Alexander Kehm, Benjamin Männel
- 09:30-09:45 On the efforts to prepare VLBI for the next decade [\[online\]](#)
Hayo Hase, Marta Bautista
- 09:45-10:00 Local tie surveys: Where we are and where we are going? [\[online\]](#)
Ryan Hippenstiel, Cornelia Eschelbach

News from the IAG Services

Convener: Julia Koch

- 10:00-10:30 [3-5 min] IVS - International VLBI Service for Geodesy and Astrometry [\[online\]](#)
Lucia McCallum
- [3-5 min] IGS - International GNSS Service
Markus Bradke
- [3-5 min] ILRS - International Laser Ranging Service
José Rodríguez
- [3-5 min] IDS - International DORIS Service [\[online\]](#)
Karine Le Bail
- [3-5 min] IERS - International Earth Rotation and Reference Systems Service
Daniella Thaller
- 10:30-11:00 **Coffee Break**
- 11:00-11:45 [3-5 min] PSMSL - Permanent Service for Mean Sea Level [\[online\]](#)
Elizabeth Bradshaw
- [5-8 min] IGFS - International Gravity Field Service
IDEMS – International Digital Elevation Model Service
Georgios S. Vergos

[3-5 min] BGI – Bureau Gravimétrique International [\[online\]](#)

Sylvain Bonvalot

[3-5 min] ICGEM - International Centre for Global Earth Models

Sinem Ince

[3-5 min] ISG - International Service for the Geoid [\[online\]](#)

Urs Marti

[3-5 min] IGETS- International Geodynamics and Earth Tide Service

Christoph Förste

Optimizing management for enhanced dissemination of geodetic data and products

Convener: Claudia Tocho

- 11:45-12:00 Open and sustainable geodetic data, infrastructure and products
Anna Riddell
- 12:00-12:15 Progress on standards for the exchange of geodetic data and metadata
Taylor Yates
- 12:15-12:30 Implementing DOIs for data in geodesy
Kirsten Elger
- 12:30-12:45 GGOS Portal: Advances in the future metadata platform for geodetic data and products
Martin Sehnal, Lena Steiner
- 12:45-13:00 Discussion/Summing up

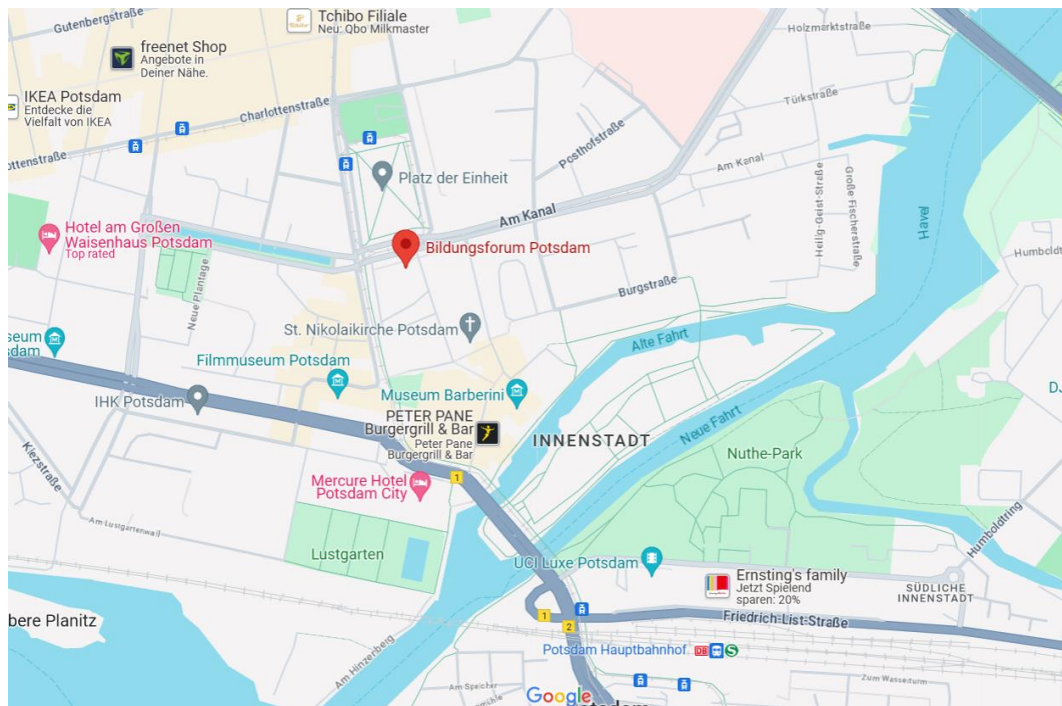
Closing Session

- 13:00-13:15 Meeting summary
Laura Sánchez
- 13:15-13:20 GGOS Days 2025
Laura Sánchez

Venue

The GGOS Days 2024 meeting will be hosted in the **Wissenschaftsetage im Bildungsforum** (<https://www.wis-potsdam.de/de/wis-wissenschaftsetage-im-bildungsforum>) located in (<https://www.wis-potsdam.de/en/contact-find-us-0>):

proWissen Potsdam e. V.
WIS im Bildungsforum
Am Kanal 47
14467 Potsdam
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Courtesy of Google maps

On-site participants

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Asgarimehr	Milad	Germany	GFZ Potsdam
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Balidakis	Kyriakos	Germany	GFZ Potsdam
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Bradke	Markus	Germany	GFZ Potsdam
Cho	Jungho	Korea	Korea Astronomy & Space Science Institute
de Oliveira Jr	Paulo	Brazil	Federal University of Paraná - UFPR
de Witt	Aletha	South Africa	South African Radio Astronomy Observatory/DSI
Dostal	Jan	Germany	UN-GGCE
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Durdağ	Utkan Mustafa	Turkey	Artvin Çoruh University
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Pail	Roland	Germany	Technical University of Munich
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On-line participants

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Mulder	Evert	Singapore	Singapore Land Authority
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Sarwanto	Puguh	Indonesia	Pertamina
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