

**Colloquium in honor of Prof.  
Harald Schuh, Director of  
Dept. 1 Geodesy at GFZ  
Potsdam**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

# **Geodesy's „Mission Earth“: Measuring and understanding our planet's changes in space and time**

*Wednesday 21 February 2024 14:00 (30 minutes)*

**Primary author:** SEITZ, Florian (DGFI at TUM)

**Presenter:** SEITZ, Florian (DGFI at TUM)

Contribution ID: 2

Type: **not specified**

# Rethinking Navigation for Urban Air Mobility

*Wednesday 21 February 2024 15:30 (30 minutes)*

**Primary author:** HOBIGER, Thomas (Uni Stuttgart)

**Presenter:** HOBIGER, Thomas (Uni Stuttgart)

Contribution ID: 4

Type: **not specified**

## How Geodesy contributes to Environmental Sciences

*Wednesday 21 February 2024 15:00 (30 minutes)*

**Primary author:** TANIR KAYIKÇI, Emine (Karadeniz Technical University)

**Presenter:** TANIR KAYIKÇI, Emine (Karadeniz Technical University)

Contribution ID: 5

Type: **not specified**

## **Future developments and combination strategies of space geodetic techniques**

*Wednesday 21 February 2024 14:30 (30 minutes)*

**Presenter:** GLASER, Susanne (Uni Bonn)

Contribution ID: 6

Type: **not specified**

## A tango in Vienna

*Thursday 22 February 2024 11:00 (30 minutes)*

**Primary author:** FERNANDEZ, Laura I. (Laboratorio MAGGIA. FCAG. UNLP, Buenos Aires)

**Presenter:** FERNANDEZ, Laura I. (Laboratorio MAGGIA. FCAG. UNLP, Buenos Aires)

Contribution ID: 7

Type: **not specified**

## **From GFZ-1 to GRACE-C: GFZ's satellite missions for monitoring the Earth's gravity field from space**

*Wednesday 21 February 2024 17:30 (30 minutes)*

**Presenter:** FLECHTNER, Frank (GFZ)

Contribution ID: 8

Type: **not specified**

# **A geodetic journey from classical statistical methods to machine learning**

*Wednesday 21 February 2024 17:00 (30 minutes)*

**Presenter:** SOJA, Benedikt (ETH Zürich)



Contribution ID: 9

Type: **not specified**

## **The Earth: Deformed and wobbling but more or less attractive - How system modelling can assist**

*Wednesday 21 February 2024 18:00 (30 minutes)*

**Presenter:** THOMAS, Maik (GFZ)

Contribution ID: **10**

Type: **not specified**

## **Advanced GNSS - Precise Point Positioning with Smartphones.**

*Thursday 22 February 2024 09:30 (30 minutes)*

**Presenter:** WEBER, Robert (TU Wien)

Contribution ID: **11**

Type: **not specified**

## **A wobbly Earth**

*Thursday 22 February 2024 08:30 (30 minutes)*

**Presenter:** SCHINDELEGGER, Michael (Uni Bonn)

Contribution ID: 12

Type: **not specified**

## **The Smartphone –Becoming the All-rounder in Surveying ?!**

*Thursday 22 February 2024 10:00 (30 minutes)*

**Presenter:** RETSCHER, Günther (TU Wien)

Contribution ID: 13

Type: **not specified**

## Continuous Centimeter-level Positioning in Urban Environments by Tightly Coupled Integration ...

*Thursday 22 February 2024 11:30 (30 minutes)*

**Presenter:** LI, Xingxing (Wuhan Univ)

Contribution ID: 14

Type: **not specified**

# Earth System Monitoring Employing Atmospheric Refraction and Loading Effects

*Thursday 22 February 2024 12:30 (30 minutes)*

**Presenter:** BALIDAKIS, Kyriakos (GFZ)

Contribution ID: 15

Type: **not specified**

## **Diurnal and Semi-diurnal Tidal Oscillations of Polar Motion and Universal Time as Observed by VLBI**

*Thursday 22 February 2024 09:00 (30 minutes)*

**Presenter:** TEKE, Kamil (Hacettepe University)

Contribution ID: 16

Type: **not specified**

## **Space geodetic techniques for ionosphere modeling, irregularity detection and prediction**

*Thursday 22 February 2024 12:00 (30 minutes)*

**Presenter:** ALIZADEH, Mahdi (KN Toosi Univ)



Contribution ID: 17

Type: **not specified**

## Opening

*Wednesday 21 February 2024 13:30 (15 minutes)*

**Presenter:** SCHUH, Harald (GFZ)

Contribution ID: **18**

Type: **not specified**

## **40 years of exciting geodetic research**

*Wednesday 21 February 2024 16:30 (30 minutes)*

**Presenter:** SCHUH, Harald (GFZ)

Contribution ID: **19**

Type: **not specified**

## Welcome address

*Wednesday 21 February 2024 13:45 (15 minutes)*

**Presenter:** BUITER, Susanne