



Technical Seminars on:

References Frame in Practice: Reference Frames, Kinematics and Dynamic Datums

IGS: Practical Training

***Warsaw, Poland
10-11 September 2022***

Venue: DoubleTree by Hilton Hotel & Conference Centre Warsaw

PROGRAMME

Saturday 10 September 2022

08:30 – 09:00 Welcome and Opening Remarks

Dr. Daniel Roman (FIG), Prof. Janusz Walo (Association of Polish Surveyors (SGP)), Ms. Allison Craddock (IGS)

09:00 – 10:00 Session 1: International Geodesy Initiatives

1) ICG at UN

Ms. Sharafat Gadimova, United Nations Office for Outer Space Affairs

2) UN-GGIM Subcommittee on Geodesy and the FIG

Dr. Daniel R. Roman, Chair for WG on Education, Training and Capacity Building and Chair Commission 5, Positioning and Measurement

3) IAG and the International GNSS Service

Ms. Allison Craddock, IGS Bureau Director, U.S.A.

10:00 – 10:30 Morning Tea

10:30 – 12:00 Session 2: Introduction to Reference Frames

4) Introduction to Geodetic Reference Frame Theory

Dr. Chris Pearson, University of Otago, New Zealand

5) Introduction to Vertical Reference Frames

Ms. Katarzyna Kalinczuk-Stanałowska, Head Office of Geodesy & Cartography, Poland

6) Reference Frames, Datum Transformations and GIS

Dr. Kevin Ahlgren, NOAA National Geodetic Survey, USA

12:00 – 13:00 Lunch

13:00 – 14:30 Session 3: IGS Training

7) Spotlight on Bernese GNSS Software

Prof. Dr. Rolf Dach, University of Bern, Switzerland

14:30 – 15:00 Afternoon Tea

15:00 – 16:30 Session 4: IGS Training

8) Spotlight on GipsyX GNSS Software (virtual)

Dr. Paul Ries, Jet Propulsion Lab, California Institute of Technology, USA

16:30 – 17:00 Break

17:00 – 18:00 Sponsor Presentation by Trimble

19:00 Seminar Dinner

Sunday 11 September 2022

08:30 – 09:30 Session 1: Case Studies

9) Case study of Poland

Ms. Katarzyna Kalinczuk-Stanałowska, Head Office of Geodesy & Cartography, Poland

10) Case study for Papua New Guinea (virtual)

Dr. Richard Stanaway, UNSW Sydney

09:30 – 10:00 Morning Tea

10:00 – 12:00 Session 2: Capacity Development

11) Asia-Pacific Region

Dr. Ryan Keenan, Asia/Pacific Regional Capacity Development Network

12) Americas Region

Dr. Daniel Roman, Americas Regional Capacity Development Network

13) Discussion

All participants

14) Closing Remarks

Dr. Daniel Roman, FIG Commission 5; and Ms. Allison Craddock, IGS Bureau

The organisers FIG, SGP, UN ICG, IAG, & IGS would like to thank and acknowledge the following sponsors for their generous support of this event:

