

IAG/FIG Commission 5/ICG Technical Seminar

# Reference Frame in Practice

Rome, Italy 4–5 May 2012



## WELCOME TO THE FIRST IAG/FIG/ICG TECHNICAL SEMINAR

## REFERENCE FRAME IN PRACTICE

Sponsors:



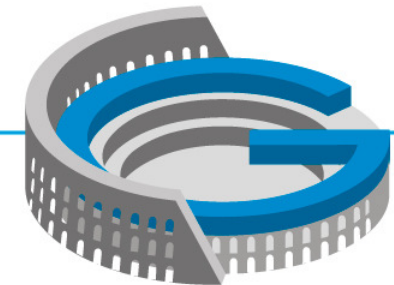
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## The mission of FIG Commission 5 is to:

- focus on modern technologies.
- facilitate and follow technical developments.
- foster and support research
- formulate and formalize collaboration
- FIG Events

Sponsors:



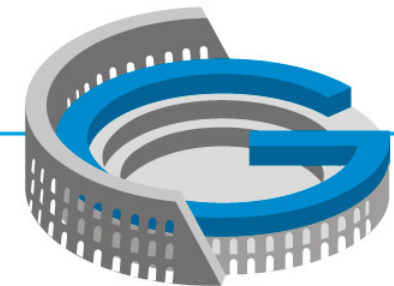
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## FIG Commission 5 – Positioning and Measurement

- Working Group 5.1 - Standards, Quality Assurance and Calibration
- Working Group 5.2 - Reference Frames
- Working Group 5.3 - Geodetic and Positioning Infrastructure
- Working Group 5.4 - Kinematic Measurements
- Working Group 5.5 – Ubiquitous Positioning

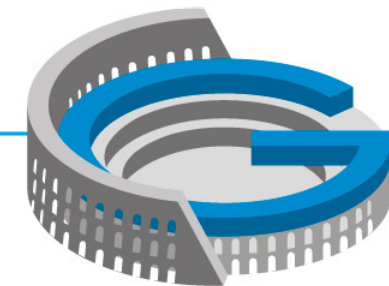
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## JOINT SEMINAR!!!

- International Association of Geodesy - IAG
- UNOOSA – International Committee on Global Navigation Satellite Systems (ICG)

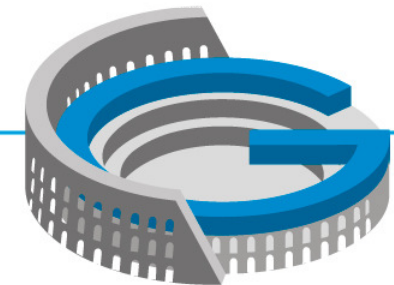
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## Program – Friday 4th of May

8.50 – 9.00	Welcome and opening remarks
9.00 - 9.45	The Role of Geodesy – Chris Rizos
9.45 – 10.30	Global Terrestrial Reference Systems and Frames – Zuheir Altamimi
10.30 - 11.00	Morning Tea, together with YSC
11.00 - 12.30	Global Terrestrial Reference Systems and Frames – Zuheir Altamimi
12.30 - 13.30	Lunch
13.30 – 14.15	Global Terrestrial Reference Systems and Frames – Zuheir Altamimi
14.15 – 15.30	Regional and National Reference Systems – Joao Torres, John Dawson
15.30 – 16.00	Afternoon tea
16.00 - 17.30	Worked examples of Terrestrial Reference Frame Realisations – John Dawson, Volker Schwieger, Nic Donnelly
19.00 - 22.00	Dinner, joint with YSC, Ballroom Cicerone Hotel

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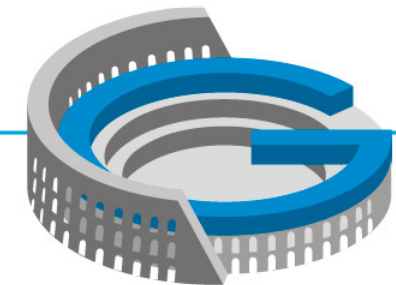
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## Program – Saturday 5th of May

- |               |  |
|---------------|--|
| 9.00 – 10.30  | IGS Services and other initiatives – Ruth Neilan   |
| 10.30 – 11.00 | Gravity and WHS – Dan Roman  |
| 11.00 – 11.30 | Morning Tea  |
| 11.30 – 12.30 | Gravity and WHS – Dan Roman  |
| 12.30 – 13.00 | Multi GNSS – Sharafat Gadimova, Lawrence Lau, Larry Hothem   |
| 13.00 – 14.00 | Lunch  |
| 14.00 – 15.00 | Multi GNSS – Sharafat Gadimova, Lawrence Lau, Larry Hothem   |
| 15.00 – 16.00 | Standards and Traceability of a Terrestrial Reference Frame/GNSS – David Martin, Larry Hothem            |
| 16.30 - 18.00 | Four dimensional deformation models for Terrestrial Reference Frames – Graeme Blick,<br>Richard Stanaway |
| 18.00         | Closing Remarks  |
| 19.00 - 22.00 | Dinner, joint with YSC, Da Meo Patacca Restaurant  |

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