### **Genesis Science Workshop**

3<sup>rd</sup> -4<sup>th</sup> April 2025 Matera, Italy



# Introduction to Genesis Science Workshop

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## Welcome to Genesis Science Workshop 2025!



#### Welcome!

- Welcome to the 2<sup>nd</sup> edition of a two-day Genesis Science Workshop 2025 organised by ESA in collaboration with ASI
- Matera home to ASI Space Geodesy Centre,
- Aims to bring together Genesis scientific community together with ESA Project Team and industrial consortium





#### Genesis Science Workshop 2024 at ESOC, Darmstadt

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# Agenda – Day 1



3 April, '	Thursday		
8:00 - 9:00	Registration		
09:00 - 11:00	Morning Session 1	09:00 - 09:30	Welcome Speech and Introduction
		09:30 - 09:45	Keynote speech
		09:45 - 10:30	Genesis Mission Status & Key Topics
		10:30 - 11:00	Genesis Industrial Update
11:00 - 11:30	Coffee Break		
11:30 - 13:00	Morning Session 2	11:30 - 12:00	Genesis Science Exploitation Objectives for 2025 and Beyond
		12:00 - 12:50	Genesis Science Management Board Presentation
13:00 – 14:00	Lunch Break		
14:00 - 15:00	Afternoon Session 1	14:00 - 15:00	Working Group 1 (ITRF and Combination Techniques) Session
15:00 - 15:30	Coffee Break		
15:30 - 17:00	Afternoon Session 2	15:30 - 16:30	Working Group 2 (GNSS) Session
		16:30 - 17:00	Wrap Up of Day 1
19:00	Networking Dinner		

For those attending the dinner, a shuttle bus is available:

- Pick up from: Ugo La Malfa street (intersection of corner Ugo La Malfa street and A. Moro street)
- Two pick up times:
  - 18:30
  - 18:45

Return to central Matera from the dinner is available at 21:45 and 22:00

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# Agenda – Day 2



#### 4 April, Friday

09:00 - 11:00	Morning Session 1	09:00 - 10:00	Working Group 4 (DORIS) Session
		10:00 - 11:00	Working Group 3 (VLBI) Session
11:00 - 11:30	Coffee break		
11:30 - 13:00	Morning Session 2	11:30 - 12:30	Working Group 5 (SLR) Session
		12:30 - 13:00	Conclusions and Closing Remarks
13:00 – 14:00	Lunch		
14:00 – 17:00	Matera Geodesy Space Centre Tour		



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- For those attending the tour, a shuttle bus is available:
  - <u>Pick up from</u>: Ugo La Malfa street (intersection of corner Ugo La Malfa street and A. Moro street) at **14:15**
- The bus <u>returning</u> to central Matera from the tour will be available at 17:00

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# Event Logistics



#### In person:

- Information desk in the foyer will be open for any questions and assistance if needed
- All sessions will take place in the main conference room
- Refreshments during coffee breaks and lunch will be served in a room to the left of the reception, outside the main conference room
- Information on how to access Wifi is available at the reception
- Detailed programme and other event information can be accessed by scanning the QR code on your badge

#### **Online participants:**

- Same Webex link will be used throughout the event
- You can post your questions in the chat

#### Should you have any questions or require assistance, please contact:

Event logistics Doreen Hagemeister Evelina Sakalauskaite

Webex Support Camilla Smith Leeanne Fletcher

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### Science Workshop in ESOC



#### •And a fair amount of Teams meetings!" uirement



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GNSS Science Symposium in Wroclaw

js!... view (SRR)

Oct 20

SRR Collocation in Milan

# - KO in Milan

NASA Goddard Visit

Progress Meeting in ESTEC

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Hard State Time Global acceptation Updated

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# **DORIS – Implementation Plan**





Negotiation of co-funded contract with CNES
February – March 2025

Signature of the Contract
Imminent

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## So, What's on Stock for 2025 and Beyond?



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# SRR Design Reveal, stay tuned for PDR...

→ THE EUROPEAN SPACE AGENCY

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### **Genesis Deployment & Exploitation – Phasing**





### **Genesis Deployment and Exploitation – CM25**





New activities highly recommended by International Scientific Community

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# **Overview of the ESA Project Team**



