

T-FORS: First innovation days

T-FORS Partners



Agenda:

- **Part 1: T-FORS project: Concept and key achievements**
 - General presentation of the project objectives (Dr Anna Belehaki, NOA)
 - Presentation on preliminary users' needs (Dr Ivan Galkin, Borealis-designs)
 - LSTID forecast (Dr Luca Spogli, INGV)
 - MSTID forecast (Dr Mani Sivakandan, IAP Leibniz)
 - Tests and validation experiments (Mr Axel Garcia, ONERA)
- **Part 2: Presentation of end-users needs**
 - Mr Juha-Pekka Luntama (ESA)
 - Mr Louis Hecker (TAS)
 - Dr Kauristie Kirsti (FMI)
- **Part 3: Round table**

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 - **Introduction :**
 - **Presentation of the participants**
 - **Remind the round table objectives**
 - **Suggestions of topics for discussion**

- **Part 3: Round table**
 - **Suggestions of topics for discussion (1/4)**
 - Get global feeling and feedbacks on T-FORS project
 - Get additional information from experts able to improve the T-FORS products

- **Part 3: Round table**

- **Suggestions of topics for discussion (2/4)**

- How can T-FORS be improved to match with different applications :

GNSS / SBAS

Space missions

Radio astronomical observations

HF links budget predictions for communications and HF skywave radars

Other applications ?

- **Part 3: Round table**
 - **Suggestions of topics for discussion (3/4)**
 - How can T-FORS products be improved:

Features offered

Product validation

Criteria of performance / accuracy

Results diffusion

Data format

Data archive

Feedback from end-users

- **Part 3: Round table**
 - **Suggestions of topics for discussion (4/4)**
 - Think with experts of the future activities to continue the work

- **Part 3: Round table**
 - **Suggestions of topics for discussion**
 - Questions from the audience ?

T-FORS Training School

The “Second Training School of the PITHIA-NRF Plasmasphere Thermosphere and Ionosphere Integrated Research Environment supported by T-FORS Machine Learning models” will be held **in KU Leuven, Leuven, Belgium, from 5 to 9 February 2024**. The school will offer theoretical lectures and hands-on sessions on accessing data collections and models, and analysing the results.

The school addresses research scientists and engineers at all levels, including PhD students and early career scientists.

Key dates:

- Registration opening: 28 September 2023
- Application (including Funding request) closing: 8 December 2023
- Acceptance: 22 December 2023
- Final program: 15 January 2024



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Thank you for your attention!

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