



Draft Outline Program ASMS/SPSC 2025

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Day 1 (26/02/2025) – Morning

09:00 – 09:20

Opening Ceremony (Room Talaia)

09:20 – 10:00

Keynote (Room Talaia)

NTN from 5G to 6G: Standardization and Sustainability Aspects

Nicolas Chuberre



10:00 – 10:40

Keynote (Room Talaia)

*IRIS² (Infrastructure for Resilience, Interconnectivity and Security by Satellite)**

Jaime Ferragut



10:40 – 11:10

Coffee-Break (Room Formentera with Demo/Exhibition Space)

Panel Discussion (Room Talaia)

Space for 6G

Moderator: Stefano Cioni (European Space Agency)

11:10 – 12:40

Gino Masini

Eduardo Yusta Padilla[°]

Antonio Arcidiacono

Carina Pamminger[°]



12:40 – 14:10

Lunch-Break

Notes:

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Tentative/draft title

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Speaker to be confirmed

Day 1 (26/02/2025) – Afternoon

Tutorial
(Room Talaia)

Paper Session
(Room Maricel)

Paper Session
(Room Vento)

14:10 – 16:10

***From 5G NTN to 6G NTN –
Standardization, Research,
and Challenges***

*C. Rohde, T. Heyn, A.
Hofmann, S. Raghunandan
and R. Wansch*

 **Fraunhofer**
IIS

*Session title and paper
presentations will be
announced in January 2025*

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presentations will be
announced in January 2025*

16:10 – 16:40

Coffee-Break (Room Formentera with Demo/Exhibition Space)

Special Session
(Room Talaia)

Paper Session
(Room Maricel)

Tutorial
(Room Vento)

16:40 – 18:40

***Space-Terrestrial Integrated
Internet-of-Things***

*Juan A.
Fraire*



*Vincent
Deslandes*



*Marco
Guadalupi*



*Julián
Fernández*



*Session title and paper
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announced in January 2025*

***Mobility for 5G NTN:
Performance and Challenges
of NTN over Mobile Channels***

*Nicolò
Mazzali*



*Riccardo
Tuninato*



**Politecnico
di Torino**

19:15 – 20:15

Walking Guided Tour

From 20:15

Cocktail-Reception (Location TBD)

Day 2 (27/02/2025) – Morning

09:00 – 09:40 Keynotes (Room Talaia) *Alberto Ginesi*
Satellite Communication Systems: a Vision for beyond 2030 

09:40 – 10:20 Keynote (Room Talaia) *Speaker to be announced*
Title to be announced 

10:20 – 10:50 *Coffee-Break (Room Formentera with Demo/Exhibition Space)*

10:50 – 12:20 Panel (Room Talaia)
Recent Developments in Direct-to-Cell Satellite Communications
Moderator: Fabrizio De Paolis (European Space Agency)
Greg Pelton *Lorenzo Casaccia* *Munira Jaffar* *Speaker TBA*
   

12:20 – 13:00 Keynote (Room Talaia) *Barbara Pareglio**
Title to be announced 

13:00 – 14:30 *Lunch-Break*

Notes: * Tentative/draft title

Day 2 (27/02/2025) – Afternoon

Special Session
(Room Talaia)

Paper Session
(Room Maricel)

Short Tutorials + Invited
Presentation (Room Vento)

**5G/6G NTN
Experimentations**

*Session title and paper
presentations will be
announced in January 2025*

**ESTOL: a European
Specification to Ensure
Interoperable Optical Links**

Jens Haala

Daniel Arapoglou



Sandro Scalise



**DVB Standard Support of
NGSO Systems**

14:30 – 16:30

Daniele Finocchiaro

Peter Nayler (EASii IC)



Reiner Stuhlfauth

**5G Backhaul Integration of
LEO JoeySat Satellite***



Michael Fitch

Pol Henarejos



Centre Tecnològic de
Telecomunicacions de Catalunya



16:30 – 17:00

Coffee-Break (Room Formentera with Demo/Exhibition Space)

Tutorials (Room Talaia)

Paper Session
(Room Maricel)

Paper Session
(Room Vento)

**ML/AI integration in 5G and
Beyond-5G***

*Session title and paper
presentations will be
announced in January 2025*

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presentations will be
announced in January 2025*

17:00 – 19:00

Dejan Vukobratovic



From 20:00

Social Dinner (Conference Hotel)

Notes: * Tentative/draft title

Day 3 (28/02/2025) – Morning

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|----------------------|--|---|
| 09:00 – 09:20 | Short Keynote (Room Talaia) <i>Title to be announced</i> | <i>Mark Dankberg</i>  |
| 09:20 – 09:40 | Short Keynote (Room Talaia) <i>Title to be announced</i> | <i>Jean-Pierre Choffray</i>  |
| 09:40 – 10:00 | Short Keynote (Room Talaia) <i>Title to be announced</i> | <i>Speaker to be announced</i>  |
| 10:00 – 10:45 | Round Table with the Satellite Operators (Room Talaia) <i>Moderator: Sandro Scalise (DLR)</i> | Eutelsat Group, Hispasat Iridium°, SES, Viasat |
| 10:45 – 11:15 | <i>Coffee-Break (Room Formentera with Demo/Exhibition Space)</i> | |
| 11:15 – 11:35 | Short Keynote (Room Talaia) <i>Tyvak International: Small Satellites Big Solutions</i> | <i>Margherita Cardi</i>  |
| 11:35 – 11:55 | Short Keynote (Room Talaia) <i>Title to be announced</i> | <i>Gianaldo Mantovani</i>  |
| 11_55 – 12:15 | Short Keynote (Room Talaia) <i>Title to be announced</i> | <i>Speaker to be announced</i>  |
| 12:15 – 13:00 | Round Table with Satellite and Equipment Manufacturers (Room Talaia) <i>Moderator: Alberto Ginesi (European Space Agency)</i> | Keysight, OHB, Thales Alenia Space°, Tyvak International |
| 13:00 – 14:15 | <i>Lunch-Break</i> | |

Day 3 (28/02/2025) – Afternoon

Paper Session
(Room Talaia)

Paper Session
(Room Maricel)

Tutorial
(Room Vento)

Session title and paper presentations will be announced in January 2025

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An Overview of 6G Multi-Functional Satellite Systems for Communication, Sensing and Positioning

J. Querol, P. Kaliyammal and A. Gonzalez

14:15 – 16:15

Special Session – **Start 15:45**
(Room Talaia)

**Research Advances in EU
GovSatCom**

*Andrea Pérez-
Carro Ríos*

*Jaime Luis
Sánchez
Mayorga*

SNT




16:15 – 16:30

Closing Ceremony and Best Paper Award Assignment (Room Talaia)
