Ordine degli Ingegneri della Provincia di Roma

FOIR

NEWSPACE ECONOMY EUROPEAN EXPOFORUM

"Multi-Orbit NavCom Systems and Space Exploration"

26 NOVEMBRE 2026
ORE 11:20 – 13:40

Fiera di Roma - "New Space Economy Expoforum" – Via Portuense, 1645 - Roma

The Order of Engineers of the Province of Rome, in collaboration with the Foundation of the Order of Engineers of Rome and New Space Economy Expo Forum, proposes a technical seminar in presence on the theme Non-Terrestrial Network (NTN). Such concept includes wireless communication systems that operate above the Earth, as low Earth orbit (LEO), Medium Earth Orbit (MEO) and Geostationary satellites, as well high-altitude platforms (HAPS) and drones. The seminar is reserved for members of the Order of Engineers of Rome in good standing with membership fees.
Participation to the seminar allows getting n. **2 Formative Credits (CFP)** for the professional skills updating (ex DPR 137/2012 and subsequent regulation approved by the Ministry of Justice). Attendance is mandatory and the **2 CFP** will be recognized only with participation for the entire duration of the event.
Registration is mandatory on the website of the Foundation of the Order of Engineers of Rome at the page: https://foir.it/fondazione/eventi
By registering to the event, you authorize the processing of your personal data (name, surname, registration number, tax code, email, cell phone), referring to art. 13 of the GDPR (EU Regulation 2016/679), for the only purposes of the organization and provision of the event. In the days following the event, the certificate of participation to the event, which will be issued after checking access and exit from the IT platform as well as participation to the entire duration of the event (including the completion of questions and/or surveys), can be downloaded from the platform www.mying.it.
It must be kept by the student pursuant to art. 10 of the Regulation for the Updating of Professional Skills.

The educational and informative material relating to the seminar will be available to all registered participants on the website of the Order Foundation in the days following the event.

The Seminar introduces to current trends in the Satellite Communication and Navigation sector.
An overview of current National and European projects and initiatives is provided, including LEO and MEO Communication and Navigation Systems and 3GPP NTN interoperability.
Furthermore, the Lunar Navigation and Communication European missions are introduced, with relevant technologies.
A Questions and Answers Session concludes the Panel.

Per poter partecipare è necessario registrarsi preventivamente mediante il seguente link: https://www.nseexpoforum.com/

PROGRAMMA

Ore 11:20 – 11:35
Partecipant registration

Ore 11:35 – 13:40
INSTITUTIONAL INTRODUCTION

Ing. Michele Colletta
Consigliere Ordine degli Ingegneri della Provincia di Roma

Ing. Giovanni Nicolai
Consigliere Fondazione Ordine degli Ingegneri della Provincia di Roma

Moderator:

Ing. Roberto Capua
Presidente Commissione Navigazione satellitare OIR

Ore 11:40 – 11:55
Satellite ComNav Constellations Trends & Projects
Ing. Roberto Capua
Presidente Commissione Navigazione satellitare (GNSS) dell'Ordine degli Ingegneri della Provincia di Roma

Ore 11:55 – 12:10
Terrestrial vs Satellite: from Broadband and D2D to 1 Million Satellite Orbital Data Centers
Ing. Giampaolo Panariello
NOKIA S.p.A. and Constellation Commission at the Order of Engineers of the Province of Rome

Ore 12:10 – 12:25
Il Progetto IRIDE: Mercato ed Applicazioni
Ing. Stefano Coltellacci
Presidente Costellazioni e servizi per lo Spazio (EO-NTN) dell'Ordine degli Ingegneri della Provincia di Roma

Ore 12:25 – 12:40
Moon and Mars Exploration Projects
Ing. Enrico Ferrone
Presidente Commissione Esplorazione dello Spazio (Luna e Marte - lanciatori) dell'Ordine degli Ingegneri della Provincia di Roma

Ore 12:40 – 12:55
Lunar Navigation and Communication Projects Overview
Ing. Cosimo Stallo
ESA Moonlight NavigationE2E System Principal Engineer

Ore 12:55 – 13:10
New Space Economy e TLC Merittime: Scenari evolutive e convergenza 5G Satellitare per la competitività dell'ecosistema Mediterraneo
Ing. Giovanni Gasbarrone
Presidente Commissione Telecomunicazioni e Transizione Digitale dell'Ordine degli Ingegneri della Provincia di Roma

Ore 13:10 – 13:25
Lunar Moon Transfer Orbit Systems Overview
Prof. Stefano Carletta
Scuola di Ingegneria Aerospaziale-Università La Sapienza

Ore 13:25 – 13:40
Round Table/Question &Answers