**Description**

In agreement with the IEEE ITSS mission and vision, the main objectives of the Italian Chapter are the creation of a collaborative environment allowing the establishment or reinforcement of cooperation among members, the involvement of young students and researchers, and the communication of the main activities and innovative results to the stakeholders in the field of intelligent transportation systems (public institutions, private companies, associations). To this aim, the Chapter is promoting the event.

**Agenda**

June 5th 2023, 10:30 – 17:15

Moderator: Silvia Siri

*10.30 – 11.00: Welcome and registration*

11:00 – 11:10: IEEE ITSS Italian Chapter – Silvia Siri, Chair

11:10 – 11:20: IEEE Italy Section – Gianfranco Chicco, President

11:20 – 11:30: IEEE ITSS - Cristina Olaverri Monreal, President

11:30 – 11:40: IEEE ITSS European Chapters, Presidents

11:40 – 11:50: IEEE WIE Affinity Group Italy Section – Patrizia Lamberti, President

11:50 – 12:00: Società Italiana Docenti Trasporti, Umberto Crisalli, Vice - President

12:00 – 13:15: PhD award – selected paper (finalist) presentation

*13:15 – 14:15: Light lunch*

14:15 – 14:30: Ordine degli Ingegneri di Roma – Massimo Cerri, Marialisa Nigro

14:30 – 15:30: Plenary lecture “Towards Mature AI-driven Sensing – Aspects from a Realization Perspective” – Alfonso Farina (President of the Radar & Sensors Academy of [Leonardo S.p.A.](https://en.wikipedia.org/wiki/Leonardo_S.p.A.) Electronic Division)

15:30 – 17:00: Round Table “Digitalization in Maritime Transport and Seaports” - Moderator: Michele Fiorini (Leonardo S.p.A.)

Invited speakers: Stefano de Luca (UniSA); Alfonso Farina (President of the Radar & Sensors Academy of [Leonardo S.p.A.](https://en.wikipedia.org/wiki/Leonardo_S.p.A.) Electronic Division); Marco Ferretti (Uni Parthenope); Davide Giglio (Università degli Studi di Genova); Adele Vasaturo, Silvio Memoli (AdSP Mar Tirreno Centrale); Salvatore Puca (Consorzio ASI per l’area di sviluppo industriale della Provincia di Napoli); Ilaria Rebecchi (PSA Genova Pra')

17:00 – 17:15: PhD Award ceremony - *Closing Aperitif*: Stefano de Luca (UniSA), Simona Sacone (UniGE), Domenico Giorgio Sorrenti (Milano Bicocca)

**Alfonso Farina – short Bio**

**Alfonso Farina** received the Laurea degree in electronic engineering from the University of Rome, Rome, Italy, in 1973. In 1974, he joined SELENIA S.P.A., then Selex ES, where he became the Director of the Analysis of Integrated Systems Unit and, subsequently, the Director of Engineering of the Large Business Systems Division. In 2012, he was the Senior VP and the Chief Technology Officer (CTO) of the Company, reporting directly to the President. From 2013 to 2014, he was a Senior Advisor to the CTO. He retired in October 2014. Currently he is President of the Radar & Sensors Academy of [Leonardo S.p.A.](https://en.wikipedia.org/wiki/Leonardo_S.p.A.) Electronic Division, Italy. The 26 October 2018 he was interviewed at the national TV channel, RAI Storia for the “70° anniversario di Leonardo Company” (“70th anniversary of Leonardo Company”). A 3 minute trailer is available at: <https://www.youtube.com/watch?v=xYarcsoiyC8>

A recent (end of 2021) interview to him was published on the Leonardo home page: [The future of radar: the evolution of a technology with a long history - We talk with Alfonso Farina, one of the fathers of modern radar.](https://www.leonardocompany.com/en/news-and-stories-detail/-/detail/the-future-of-radar-the-evolution-of-a-technology-with-a-long-history) From 1979 to 1985, he was also a Professor of Radar Techniques with the University of Naples, Italy. He is currently a Visiting Professor with the Department of Electronic and Electrical Engineering at University College London and with the Centre of Electronic Warfare, Information and Cyber at Cranfield University, a Distinguished Lecturer of the IEEE Aerospace and Electronic Systems Society. He is the author of about 1000 publications. He has won the Fred Nathanson Memorial Radar award (1987), the IEEE Dennis J. Picard Medal for Radar Technologies and Applications (2010), the IET Achievement Medal (2014), C. Hülsmeyer Award, German Institute Navigation (2019) and the IEEE AESS Pioneer Award (2020). Alfonso is LFIEEE, FIET, Fellow of The Royal Academy of Engineering (UK), F-EURASIP, [European Academy Science](https://en.wikipedia.org/w/index.php?title=European_Academy_of_Science&action=edit&redlink=1), [Académico Correspondiente Real Academia de Ingeniería de España](https://en.wikipedia.org/wiki/Royal_Academy_of_Engineering_of_Spain). In February 2023, he has been elected as an International Member of the United States National Academy of Engineering (NAE), “for contributions to the development and deployment of advanced radar systems and technology”. He is ranked in the list of 2% top scientists in the World. More details on Alfonso CV are available at the following links:

<https://en.wikipedia.org/wiki/Alfonso_Farina>

<https://scholar.google.it/citations?user=A0jgvksAAAAJ&hl=it>

<http://topitalianscientists.org/tis/49075/Alfonso_Farina_Top_Italian_Scientist_in_Engineering>

**Instructions for the participants**

Updates can be found at the event page of the Chapter website:

https://r8.ieee.org/italy-itss/category/events/

**Scientific committee**

Roberta Di Pace (Università di Salerno)

Michele Fiorini (Leonardo S.p.A.)

Stefania Santini (Università di Napoli Federico II)

Silvia Siri (Università di Genova)

**Local organizing committee**

Francesca Bruno (Università di Salerno)

Bianca Caiazzo (Università di Napoli Federico II)

Angelo Coppola (Università di Napoli Federico II)

Simone Graffione (Università di Genova)

Cecilia Pasquale (Università di Genova)

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