

1st Seminar - The Future Air Transport
April 5, 2022
Aula "Bobbio"

Scuola Politecnica e delle Scienze di Base – P.le Tecchio

Presenting the Seminar

The Seminar introduces the new series of workshops.

Starting where we left off two years ago due to COVID, our objective with our first seminar is to take stock of the evolution of new "green oriented" technologies that in recent years have taken center stage in aviation, particularly focusing on what is emerging on both at national and regional level. We shall, then, continue to explore further aspects regarding technology and operations during the following encounters.

We, therefore, believe it natural to maintain continuity with what has been discussed in previous seminars and in recent publications on Aeropolis' website, calling **Dr. John Alpin** - having already been a guest of the Aeronautical Culture Interdisciplinary Seminars - to open the new cycle of seminars. His intervention shall provide us with an overview of the state of the art of the development of electrical technologies in air transport and their possible applications in the future.

John is presently one of the leading air transport analysts in the world, having long-standing experience in leading roles within the USAF-DoD and as a consultant in various research institutions and companies.

He has been for several years an Associate Professor at the **Washington University** in St. Louis.

As an expert observer he has continued to monitor programs and conditions of businesses within the Italian aeronautical sector, with a particular focus on the Campania region Companies.

In the latest period he has concentrated his observations and analyses on the evolution of "green" propulsion and systems technology and on how the concept of regional and urban transport is changing. He has published numerous articles regarding his research, many of which have been featured on the Aeropolis website.

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Meeting agenda and Participant List

- **15:15 – Registration of participants**

Welcome and opening speech:

- **15:30 Prof. Erasmo Carrera** (POLITO) President of AIDAA, **Antonio Ferrara** President of Aeropolis, **Raffaele Aucelli** President of EUROAVIA - L.B. Napoli, **Prof. Sergio De Rosa** (UNINA) President of AIDAA Napoli.

Session Keynote

- **15:45 Dr. John Halpin** – *An updated focus on the Electrical Aviation: state-of-art and future applications;*

Breakout session

- **16:10 Prof. Leonardo Lecce** (NOVOTECH) – *New Disruptive Aircraft Configuration;*
- **16:35 Prof. Fabrizio Nicolosi** (UNINA) – *Design of hybrid/electric aircraft with feasibility studies of 19-50 pax aircraft;*
- **17:00 Ing. Fabio Russo** (TECNAM) – *The new propulsion systems applied to the general aviation and commuter service.*

Focus on New Ways of Working

- **17:25 Ing. Antonio Danzi** (AEROPOLIS) – *Influence of Smart Working on work organization and quality.*

17:45 Question Time

Final Considerations

- **18:00 Prof. Sergio De Rosa** (UNINA) President of AIDAA Napoli.

For Info: napoli@euroavia.eu segreteria@aeropolis.it

Online registration: <https://forms.gle/msBGaqwYosPUUnKZA>