



IEEE Aerospace Electronic Systems ISAC Initiative Planning

M. Sabrina Greco

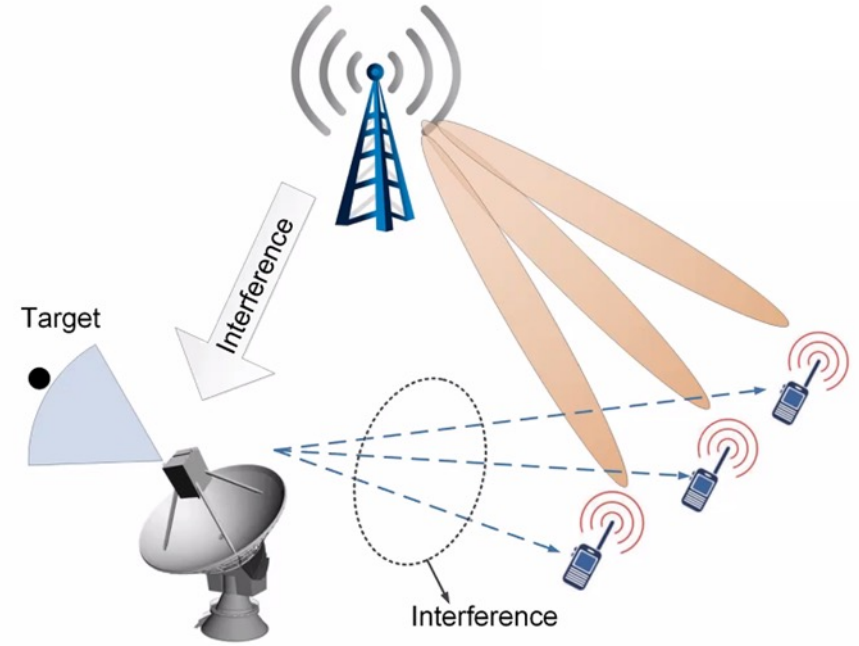
2023 AESSE Officer Strategic Planning Meeting

14 February 2023

Princeton, NJ, USA

ISAC Initiative

Integrated Sensing and Communications



2022

- First AESS ISAC workshop in Edinburgh, 23 October 2022

Plan for 2023

- Second AESS workshop
- Paper on the Magazine
- Co-sponsored Summer School with SPS

1:30 **Mark Davis** – Welcome and introduction

1:40 **M. Sabrina Greco** – Integrated Sensing and Communications: the AESS Perspective

2:00 **Moeness Amin** - Communication Signal Steganography Using Radar

2: 30 **Christos Masouros** – Securing the Integrated Sensing-Communication Network

3:00-3:30 **Coffee break**

3:30 **Marco Lops** – Radar-Enabled Ambient Backscatter Communications

4:00 **Kumar Vijay Mishra** - Emerging Technologies for Distributed ISAC Systems

4:30 Concluding remarks

- AESS ISAC Technical Working Group
 - Confirmed members: Marco Lops (Italy), Patrick M. McCormick (USA), Ravi Adve (Canada), Justin G. Metcalf (USA), Kumar Vijay Mishra (USA/India), M.S. Greco (Italy)
 - Looking for more diversity (geographical and technical)
 - The TWG has planned a paper on the Magazine in Summer
- 2nd AESS workshop
 - 2 possible locations: India (if the Region 10 chapter meeting will be held there) or Sydney in conjunction with the International Radar Conference and BoG meeting
 - Period: November 2023
- Co-Sponsored Summer School
 - **June 26-29**, Baiona, Spain (close to Vigo) Organizer: Nuria Gonzalez Prelcic (SPS)
Planned to ask AESS Spain Chapter support
Fabiola Colone invited as one of the instructors