

## **Scientific Workshop**

**Title:** EurAAP Early Careers and Women in Antennas and Propagation

**Abstract:** The main goal of the EurAAP Early Careers and Women in Antennas and Propagation workshop is to strengthen the early career and female researchers and scientists presence, involvement and networking in the Antennas and Propagation community, particularly in Europe. In the proposed workshop, we plan to further involve researchers in this topic, to discuss together about the current challenges for early careers and women in the Antennas and Propagation community. Concrete and shared actions will be developed by the EurAAP ECAP and WiAP WG in the upcoming months.

### **Workshop outlines:**

**Thursday (March 21) 16:30-18:10**

**16:30-16:40 (10 min)**

Brief presentation of the ECAP and WiAP WGs (Davide Comite and Francesca Vipiana)

**16:40-17:00 (20 min)**

“(Nearly) four decades in the Antennas and Propagation Community”

Anja Skrivervik, Professeur Titulaire and Head of the Microwave and Antenna Group at Ecole Polytechnique Fédérale de Lausanne, Switzerland

Abstract:

I will share with you some of my experience working in in the fields and antennas and microwave since 1986. In this context, I will give my subjective views on what has changed or not over time for women in the field, and also on subtle cultural differences in different countries

**17:00-17:10 (10 min)**

Q&A session

**17:10-17:30 (20 min)**

“Preparing the workforce of tomorrow”

Lucy van der Tas, Head of Talent Acquisition at the European Space Agency, The Netherlands

Abstract:

The War for Talent continues and organisations are still finding it a challenge to meet their workforce needs, especially in the STEM domain. Lucy will discuss some of these challenges and what the European Space Agency (ESA) is doing to meet them.

**17:30-17:40 (10 min)**

Q&A session

**17:40-18:00 (20 min)**

“Beyond antennas: challenges and rewards of an engineer’s life”

Marta Martinez-Vázquez, Technical Marketing and Application Engineer at Renesas Electronics, Düsseldorf, Germany

Abstract:

Being an engineer is an exciting career, but linked to many challenges, especially for women. This presentation draws from personal experience to discuss some of the issues faced along the way.

**18:00-18:10 (10 min)**

Q&A session

### **Short CV of Speakers:**

**Anja Skrivervik** obtained her Master degree in electrical engineering degree from Ecole Polytechnique Fédérale de Lausanne (EPFL) in 1986, and her PhD, also in electrical engineering, from the same institution in 1992, for which she received the Latsis award. After a stay at the University of Rennes as an invited Research Fellow and two years in the industry, she returned part time to EPFL as an Assistant Professor in 1996, and is now a Professeur Titulaire at this institution, where she is the head of the Microwave and Antenna Group. She is also currently a visiting Professor at the University of Lund. Her research activities include electrically small antennas, antennas in biological media, periodic structures, reflect- and transmitarrays, and numerical techniques for electromagnetics. She is author or co-author of more than 200 peer reviewed scientific publications. Her teaching activities include courses on microwaves and antennas, and she teaches at Bachelor, Master and PhD levels. She was director of the EE section from 1996-2000, and is currently the director of the EE doctoral school at EPFL.

She is very active in European collaboration and European projects. She was the chairperson of the Swiss URSI until 2012, is a Board member of the European School on Antennas and is frequently requested to review research programs and centers in Europe. She was a member of the board of directors of the European Association on Antennas and Propagation (EurAAP) from 2017 to 2022. She has been the general Chair of the Loughborough Antenna and Propagation Conference in 2015, Vice-Chair and Technical Program Committee-Chair of EuCAP 2016 conference and financial chair of EuCAP 2017 to EuCAP 2022.

**Marta Martínez-Vázquez** (FIEEE, 2017) obtained her MSc. (1997) and PhD. (2003) in Telecommunication Engineering from the Universidad Politécnica de Valencia, Spain. From 2000 to 2021 she worked on the design of antennas and RF frontends at IMST GmbH. Since 2021 she is a senior technical product marketing and advanced applications engineer for automotive radar and RF at Renesas Electronics. Her current interests include antennas and interfaces for mmWave radar, and UWB and BLE antennas. She is a perpetual member of EurAAP, and served as vice-chair of the European Association of Antennas and Propagation (EurAAP) and chair of the EurAAP Awards Committee. She is currently a member of the EurAAP Ambassadors Programme Committee. She has been the chair of the COST IC1102 Action “Versatile, Integrated and Signal-aware Technologies for Antennas (VISTA)” and the vice-chair of the COST IC0603 Action “Antenna Sensors and Systems for Information Society Technologies.” She has over 130 publications, including books, book chapters, journal and conference papers and patents. Dr. Martínez-Vázquez has been awarded the 2004 Best Ph.D. award of the Universidad Politécnica de Valencia and the 2013 IEEE AP-S Lot Shafai Mid-Career Distinguished Achievement Award.

**Lucy van der Tas** has worked at the European Space Agency for 40 years in the Human Resources Department and she is based at ESA’s technical centre (ESTEC) in the Netherlands. From 2010 to 2020, she was responsible for recruitment and career management for one of the largest ESA engineering directorates. In October 2020, she took up the role of Head of Talent Acquisition at ESA. She and her team promote ESA as an employer to potential candidates from a wide range of backgrounds. While there is obviously a strong focus on engineering and science at ESA, there are also many positions in other (business) domains.