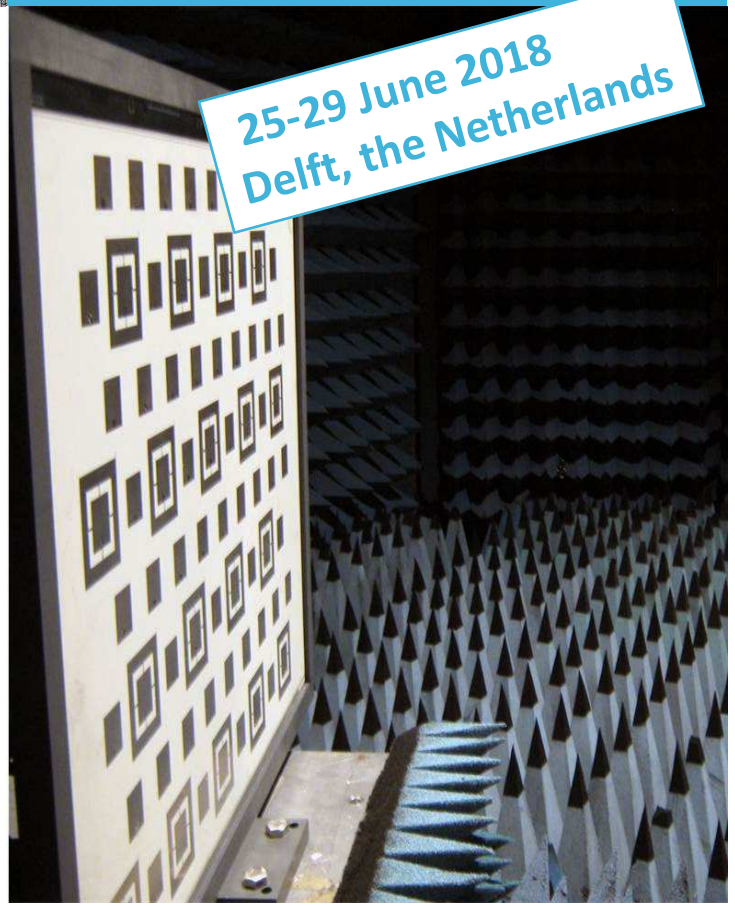
EWI building

TU Delft

International summer school on 5G Phased Arrays



Details

Organizer/Host
Delft University Of Technology

General Chair
Prof. DSc. Alexander Yarovoy

Contact
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Location
TU Delft / Faculteit EWI
Mekelweg 4,
2628 CD Delft
www.radar. tudelft.nl

More information
http://radar.tudelft.nl/SummerSchool/

Academic partners:

UNIVERSITY OF TWENTE.

TU/e Technische Universiteit Eindhoven University of Technology

European School of Antennas

EuMA European Microwave Association

Delft University Library

East gate of Delft

Learn

Understanding of phased array operation requires multi-disciplinary approach, which is based on the antenna array, microwave circuit and signal processing theories. By bringing these three areas together, the school provides integral approach to phased array front-ends for 5G communication systems.

At the school the phased array foundations will be considered from antenna, RF technology and signal processing points of view. Realization of 5G capabilities such as high data-rate communication link to moving objects will be discussed. The education will be concluded by a design project.

…and enjoy

Next to the lectures, experiments and final project, a wide range of social activities including getting to know Delft area tour, welcome dinner and a BBQ during the week is planned.

How to register?

You can find the registration form at
http://radar.tudelft.nl/SummerSchool/
under “Application deadlines and fees”

Apply now!

Deadline for registration:
With grant (5 available): **1st May 2018**
Without grant: **15th May 2018**

Topics:

- Foundations of antenna arrays
- Antenna array topologies for 5G applications
- Analog and digital beamforming in antenna arrays
- Front-end architecture and performance
- 5G applications and system requirements

Major speakers:

Prof. dr. Alexander Yarovoy,
expert in microwave systems and radar

Organization: Delft University of Technology

Prof. dr. ir. Frank van Vliet,
expert in microwave integrated circuits

Organizations: University of Twente, TNO

Dr. ir. Marcel Geurts,
Small signal RF circuits

Organization: NXP

Prof. dr. ir. Bart Smolders,
expert in integrated antenna arrays

Organization: Eindhoven University of Technology