



EWI building



International summer school on 5G Phased Arrays

25-29 June 2018
Delft, the Netherlands

Details

Organizer/Host

Delft University Of Technology

General Chair

Prof. DSc. Alexander Yarovoy

Contact

Minaksie Ramsoekh

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Location

TU Delft / Faculteit EWI

Mekelweg 4,
2628 CD Delft

www.radar.tudelft.nl

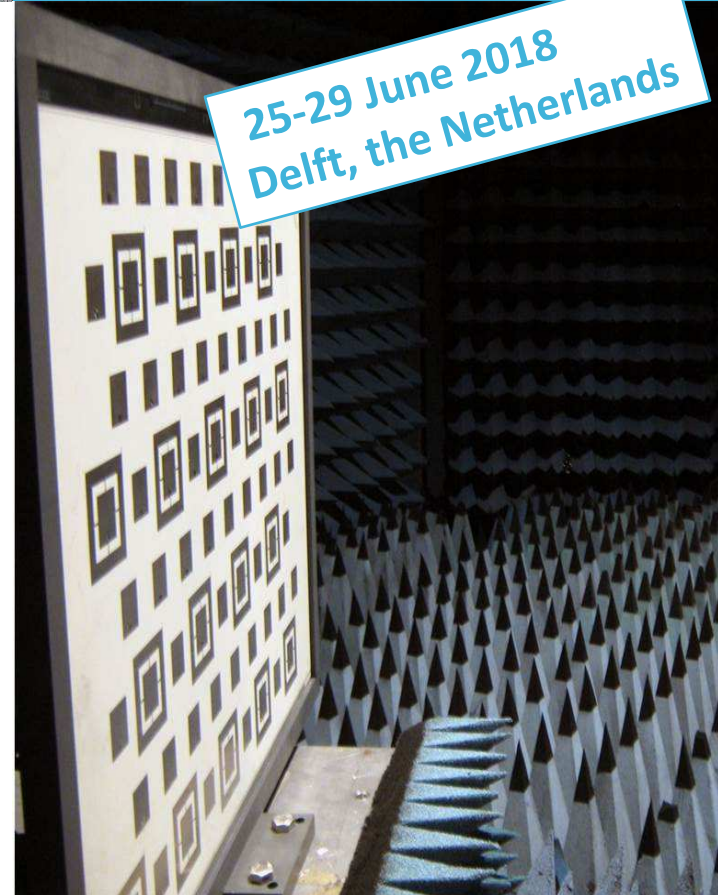
More information

<http://radar.tudelft.nl/SummerSchool/>



Academic partners:

UNIVERSITY OF TWENTE.





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):
Without grant:

1st May 2018
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