



EWI building

Details

Organizer/Host

Delft University Of Technology

General Chair

Prof. dr. Alexander Yarovoy

Contact

Minke van der Put

Email: Phasedarray2016@tudelft.nl

Location

TU Delft / Faculteit EWI

Mekelweg 4,

2628 CD Delft

www.radar.ewi.tudelft.nl

More information

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



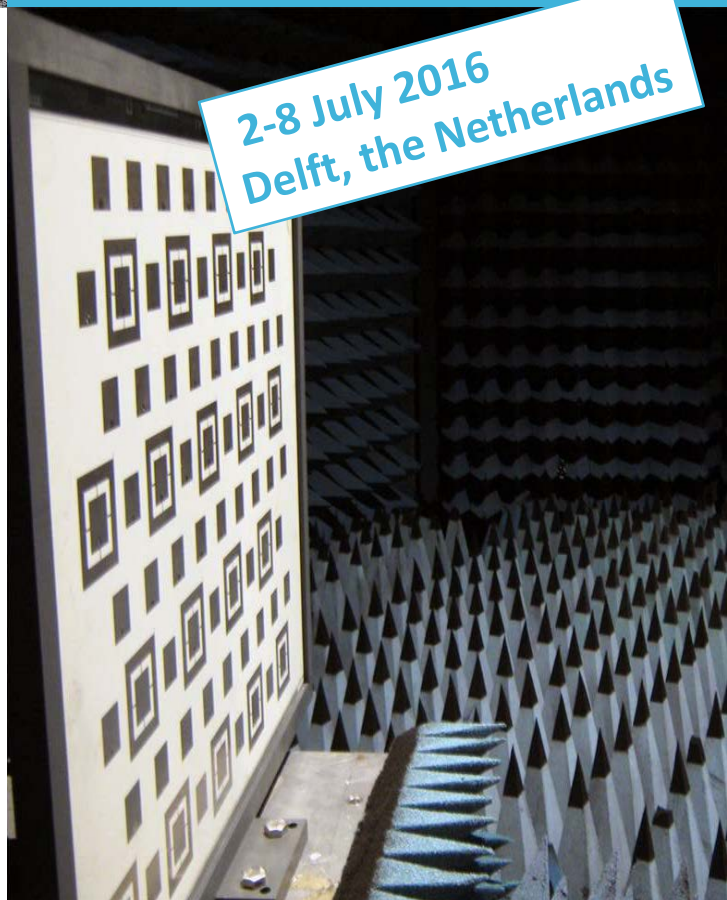
Academic partners:

UNIVERSITY OF TWENTE.



International Summer School on Phased Array Radars

2-8 July 2016
Delft, the Netherlands



European
School of
Antennas





Delft University Library



East gate of Delft

Learn...

Understanding of phased array radar 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 the phased array radars.

At the school the phased array radar basics will be considered from antenna, RF technology and signal processing points of view. Realization of surveillance and tracking in phased array radar will be discussed and followed by a deepening part with three specializations: antenna systems, T/R modules and signal processing. The education will be concluded by a design project in one of the three specialization areas.

...and enjoy

Apart from the lectures, experiments and final project, a wide range of social activities including getting to know Delft area, 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 2016

15th May 2016

Topics

- Foundations of radar and antenna arrays
- Radar transmitters and receivers
- Transmit-receive modules in phased arrays
- Analog and digital beamforming in antenna arrays
- Surveillance and tracking in phased array radar

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

Organization: University of Twente
TNO



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

Organization: Eindhoven University of
Technology