

2019

Darmstadt, Germany, January 22-24
ESA NEO and Debris Detection Conference



Wachtberg, Germany, February 26
Radar internship at Fraunhofer FHR with students from RWTH Aachen



Wachtberg, Germany, February 21
TIRA image of Tiangong-1 published in Brockhaus Encyclopedia

Berlin, Germany, March 14-15
Future Security



Boston, USA, April 22-26
IEEE Radar Conference and tour of the HUSIR (Haystack Ultrawideband Satellite Imaging Radar) space radar

Stuttgart, Germany, May 7-10
Control

Wachtberg, Germany, May 7-8
PCL Focus Days



Wachtberg, Germany, July 5
Inspector General Inquires about Space Observation
High-ranking visitor in Wachtberg: The Inspector General of the Federal Armed Forces visited the institute for the first time. Prof. Knott took General Eberhard Zorn on a guided tour of the premises and presented the capabilities of TIRA and GESTRA. The General was impressed by the performance of the systems and emphasized their contribution to the protection of space infrastructure. Fraunhofer FHR is an important partner for the Federal Armed Forces within the scope of the federal government's space strategy. «It was an honor for us to be able to welcome the Inspector General of the Federal Armed Forces for the first time. And we are looking forward to continuing our constructive and successful cooperation with the Armed Forces,» said Prof. Knott as he thanked General Zorn for his interest.

Remagen, Germany, July 5-12
11th International Summer School on Radar/SAR

Wachtberg, Germany, July 4
Wachtberg Forum (see page 12)

Wachtberg, Germany, July 5
Advisory Board meeting

Aachen, Germany, July 3
Bonding Automotive Day



Bonn, Germany, September 12
Company run

Cologne, Germany, August 13
ICPS Job fair

Frankfurt/Oder, Germany, September 12-13
FMD Innovation Day

Ulm, Germany, September 25
ARGUS AWARD 2019 for Jannik Springer

Bonn, Germany, October 10
Career Day



Bonn, Germany, October 16-17
ELV (Electronics in Vehicles): High frequency technology for autonomous driving

Cologne, Germany, October 19
Ceremony to commemorate the IEEE Milestone for the Christian Hülsmeier Medal (see page 6)



Ball, Indonesia, October 25
IEEE Award for Andrej Konforta, Christos Lontas, and Prof. Dr. Thomas Eibert (TUM)

Bremen, Germany, November 19-21
Space Tech Expo Europe: Space Capabilities under the Spotlight

Brussels, Belgium, November 14
EDA-Workshop »Radar Signatures & EM Benchmarkse

Wachtberg, Germany November 8
Technology Night Bonn-Rhein-Sieg

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER



Wachtberg, Germany, February 27
Sinzig's triumvirate visits the institute, with our colleague Dirk Wedhorn as the farmer

WDR radio show »ZeitZeichen«, April 30
115 years of radar – radio interview with Prof. Ender about the inventor Christian Hülsmeier



Wachtberg, Germany, April 23-24
Counter-UAS Symposium

Salamanca, Spain, May 8
Nato Early Career Award for Daniel O'Hagan



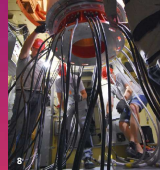
Stuttgart, Germany, May 21-23
Automotive Testing Expo: A successful premier with ATRUM

San Diego, USA, May 17
IEEE medal for Richard Klemm

Koblenz, Germany, June 15
Open door day of the Federal Armed Forces

Ulm, Germany, June 26-28
International Radar Symposium (IRS)

Wachtberg, Germany, June 20
The District Administrator of the Rhein-Sieg District, Sebastian Schustec, visits Fraunhofer FHR



Wachtberg, Germany, July 9
After 50 years, the space observation radar TIRA gets a new slip ring



Eckernförde, Germany, August 29
Final Presentation: Fraunhofer FHR develops novel multiband antennas for the ship radar SEERAD

Frankfurt, Germany, September 10-13
International Automobile Exhibition (AA)

Bonn, Germany, September 17-21
Highlights of Physics: TIRA and GESTRA at the science festival

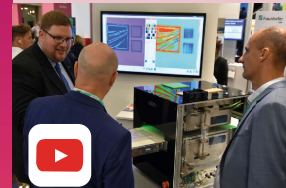
Munich, Germany, September 9
Cooperation agreement between the University of Siegen and Fraunhofer FHR for the creation of joint professorships



Koblenz, Germany, September 5
AFCEA Award for Giovanni D'Apice

Düsseldorf, Germany, October 16-23
K-MESSE

At the K 2019, the world's leading trade fair for the plastics and rubber industry in Düsseldorf from October 16-23, our colleagues presented the capabilities of the millimeter wave scanner SAMM@, which was developed at Fraunhofer FHR. Right in front of the intrigued professional visitors, who were also allowed to bring samples to the booth themselves, SAMM@ scanned a large variety of plastic products, inspecting them for contamination, air inclusions, internal structure, shape, density, homogeneity and much more. Visit the Fraunhofer FHR YouTube channel for an exciting video of the trade fair, it's well worth having a look!



Aachen, Germany, November 7
Bonding

Wachtberg, Germany, November 27
New era in space surveillance: With the support of the space observation radar TIRA, the GESTRA radar system, developed and built on behalf of the Space Administration in the German Aerospace Center (DLR), received the first signals from space objects (see page 43).



Ulm, Germany, December 4-5 VDI Conference »Sensoren für mobile Maschinen«