

# Program 2nd Sensor Data and Information Fusion Summer School



August 25th – 28th 2026, Bonn, Germany

Fraunhofer Institute for Communication, Information Processing and Ergonomics FKIE

Time	Tuesday, August 25th	Wednesday, August 26th	Thursday, August 27th	Friday, August 28th
9:00 – 10:30		<i>Dr. Alexander Charlish</i> Convex and Stochastic Optimization for Sensor Resource Management	<i>Henry Hölzemann</i> Optical Sensors as a Fusion Component	<i>Dr. Marc Oispuu</i> Array Signal Processing
10:30 – 11:00		Coffee Break	Coffee Break	Coffee Break
11:00 – 12:30		<i>Dr. Martin Ulmke</i> Sequential-Monte-Carlo-Methods: Particle-Filter	<i>André Brandenburger</i> From Hand-Tuned to Data-Driven Filters	<i>Dr. Marc Oispuu</i> Passive Target Localization and Tracking
12:30 – 13:30	Check-in: Fingerfood and non-moderated discussions	Lunch	Lunch	<i>Prof. Dr. Wolfgang Koch</i> Farewell with fingerfood
13:30 – 15:00	<i>Prof. Dr. Wolfgang Koch</i> Welcome and Introduction	<i>Dr. Felix Govaers</i> Distributed Fusion	<i>Dr. Martina Brötje</i> Multi-Hypothesis-Tracking	
15:00 – 15:30	Coffee Break	Coffee Break	Coffee Break	
15:30 – 17:00	<i>Dr. Alexander Charlish</i> Fundamentals of Parameter and State Estimation	<i>Dr. Felix Govaers</i> Data Fusion on Discrete Grids	<i>Dr. Isabel Schlangen</i> PHD, Intensity and Panjer Filter	
Evening	Social Event: Walking tour in the city of Bonn and dinner		Optional Social Event: Non-hosted dinner	

**Please note that the program may be subject to changes. The language of the whole Summer School is English. All lecturers are with the Fraunhofer FKIE.**