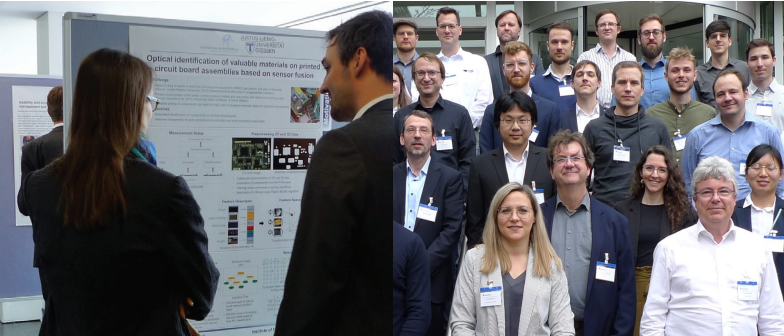




Papers are welcome in the research domain of Optical Characterization of Materials:

- Spectral Characterization from Ultraviolet to Infrared
- Multispectral Image Analysis
- X-Ray Methods
- Polarimetry
- Microscopy
- Other Methods

Typical application areas for these techniques are, e.g. but not limited to:

- Food & Agricultural
- Recycling of Waste Materials
- Detecting of Contaminated Materials
- Mining
- Process Industry
- Raw Materials

March 17 – 18, 2027
KARLSRUHE / GERMANY



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CALL FOR PAPERS

8th international Conference

**OPTICAL
CHARACTERIZATION
OF MATERIALS**



March 17 – 18, 2027
KARLSRUHE / GERMANY



Conference topic

The international conference on Optical Characterization of Materials (OCM-2027) will be organized by the Karlsruhe Center for Spectral Signatures of Materials (KCM) in cooperation with the German Chapter of the Instrumentation & Measurement Society of IEEE.

KCM is an association of institutes of the Karlsruhe Institute of Technology (KIT) and the business unit Automated Visual Inspection of the Fraunhofer Institute of Optonics, System Technologies and Image

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Call for Papers

Prospective Authors are invited to submit high-quality extended abstracts (max. two pages) representing original results in all areas of Optical Characterization of Materials. The final papers are limited to ten pages in single-column format, including figures. All manuscripts will be included in the conference proceedings, which will be published by KIT Scientific Publishing in high-quality color print.

For each oral presentation, 20 minutes will be provided for the talk, and 5 minutes for question and discussion. Posters are allowed up to ISO A0 size (portrait orientation).

For each accepted paper one author has to register and present the paper at the conference.

Location

Karlsruhe, a city in the sunny south-west of Germany, famous for its fan-shaped historic street plan, close to the French border and surrounded by the beautiful countryside of the Black Forest is a perfect place for conferences as well as for leisure time.
Karlsruhe is easily accessible via train, motorway or plane (Frankfurt, Stuttgart, Karlsruhe / Baden-Baden). The Fraunhofer IOSB, which will host the conference, is located in walking distance to the heart of the city.

Important dates

Submission of Extended Abstract
September 14, 2026

Notification of Acceptance
October 15, 2026

Submission of Final Papers
January 10, 2027

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