

S A V E T H E D A T E

# ITBMS 2018

11-14 June 2018 – Banyuls-sur-mer, France



[Itbms.onera.fr](http://Itbms.onera.fr)



The **13<sup>th</sup> international ITBMS workshop** is a technical conference showcasing the latest researches in the field of optical signature as well as emerging remote-sensing and data collection tools and technologies. Submission of research papers is encouraged to start discussions within the attendees.

This international scientific forum fosters intensive exchanges on the current developments and results in optical modeling, simulation and experiments. It encourages cooperation between international groups actively engaged in their field of expertise.

The workshop is co-organized by ONERA and Fraunhofer IOSB in close cooperation with companies having highest expertise in the field of IR modeling and simulation. It is open to people from the defense research and development community active in the field of optical signature simulation technologies, to military or civilian users and to industry representatives.

ITBMS 2018 will take place in **Banyuls-sur-mer, France** from **11 to 14 June 2018**. Attendance will be limited to 100 participants. More information will be displayed on the official website of the event: [itbms.onera.fr](http://itbms.onera.fr)

Get connected with hundreds of professionals and researchers in a prestigious location!

## TOPICS

Contributions are solicited in subjects ranging from basic signature research to applications in system design, optimization and evaluation.

- Data, techniques, models, and validation of IR signatures of land, sea and air targets and backgrounds, and of targets in backgrounds
- Extension to infrared polarization hyperspectral and active signatures
- Optical properties of complex surfaces
- Models validation and metrics
- IR signature management models
- Modeling and simulation of IR clutter (soil, maritime, atmospheric)
- Radiative transfer, propagation models and optical data sets
- Impact of climatic conditions on signatures
- Active / Laser imaging systems

## VENUE

ITBMS 2018 will take place in Banyuls-sur-mer, France. The Côte Vermeille (meaning "vermilion coast") is a French area near the border with Spain. The Côte Vermeille stretches from Argelès-sur-Mer to the border village of Cerbère. The towns of Collioure, Port-Vendres and Banyuls-sur-Mer are nested along a 20 km stretch of beaches, small bays, creeks and coves.

## SPONSORS

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