

# FRAUNHOFER IZFP

The Fraunhofer Institute for Nondestructive Testing (Fraunhofer IZFP) is part of the largest organization for applied research in Europe – the Fraunhofer Association.

The Fraunhofer IZFP is an internationally renowned R&D center in the field of nondestructive testing (NDT) methods. The Fraunhofer IZFP conducts R&D activities, based on all technologies for nondestructive monitoring of material, component and product characterization from the basics to product maturity and market readiness along the product lifetime cycle. Fraunhofer IZFP sustains the competitiveness of industries and markets by application-focused solutions up to prototype assembly and integration in serial production.

## Key figures:

**14,11 mil Euros in operating budget in 2018**  
**115 employees**

### Your benefits:

- New, advanced NDT processes and systems in different production stages (pre-, in-, post-processes: from the development lab to the 100% testing)
- Technically innovative online/in-line-monitoring processes (increase in process reliability, efficiency, safety, etc.)
- Advanced NDT for materials characterization and detection of defects (microstructure changes, surface/volume defects, etc.)

### We offer:

- R&D activities, based on all technologies for nondestructive monitoring of material, component and product characterization from the basics to product maturity and market readiness

## Topic of the speeches:

- Nondestructive Testing Technologies for the Cold and Hot Rolling Industry

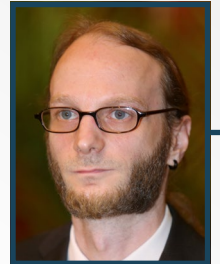
### Speaker:

**Dr. Ralf Tschuncky**

Senior Scientist Electromagnetics in the department of Materials Characterization.

Started his career in 1999 at Fraunhofer IZFP.

Expertise: Nondestructive material characterization, especially with electromagnetic methods and EMAT techniques



### Speaker:

**Dr. Marc Bläsing**

Institutes research manager at the Fraunhofer IZFP

Started his career in 2019 at Fraunhofer IZFP

Expertise: Technical chemistry, energy technics, hydrogen based iron- and steelmaking and public funded research projects



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