

ISMOT 2015, Dresden, Topics

Technologies/Methods/Materials

- Terahertz & optical antennas and technologies
- Laser technology
- Microwave materials & material characterization
- Numerical methods and CAD techniques, electromagnetic theory
- Metamaterials in microwave and photonics
- Microwave photonics and photonics crystals
- Packaging, interconnects & MCMs
- EMI/EMC, reliability

Components/Systems

- Communication systems
- Microwave components, sensors and systems
- Millimeter-wave components and systems
- Solid-state devices & circuits
- MICs/MMICs
- Antennas and transmission systems
- Microwave/millimeter-wave integrated circuits and components
- Optoelectronics
- Flexible electronics and printed functionalities
- MEMS/NEMS, MOEMS/NOEMS

Communication

- Propagation/scattering and measurements
- Optical networks and sensors
- Optical fibers, waveguides and propagation
- Optical communications/optical multiplexing/demultiplexing
- Signal processing, embedded systems
- Satellite & wireless communication systems, remote sensing

Applications

- Microwave superconductivity applications
- Microwave biological effects and applications
- Other relevant applications

Other relevant topics

- Industry and environmental effects
- Microwave/optical education