

Laser Congress and Exhibition 2022

Event - Laser Congress and Exhibition 2022 ໓

Title	Laser Congress and Exhibition 2022
When	So, 11. Dezember 2022 - Do, 15. Dezember 2022

Description

Laser Congress and Exhibition 2022

This conference provides a comprehensive view of the latest advances in solid state laser development along with recent new applications. Of high interest are the high order nonlinear effects made possible by the development of ultra-high brightness and high power radiation sources. Also covered are other sophisticated applications of numerous highly capable solid state sources and associated devices for free space and quantum communications, LIDAR for autonomous vehicles, beam steering, materials modification such as laser peening, micro-machining, and brittle material processing. The exhibition features the latest products resulting from these advances.

- Learn about advances in laser beam combining including coherent beam combining and the powers achievable through these processes.
- Hear about record performance in the area of high power fiber lasers and their application to welding, cutting, laser shock peening, other materials modification applications, laser induced damage and directed energy applications.
- Explore advances in remote sensing including vibrometry, atmospheric composition determination, wind sensing and remote high precision mapping.
- Hear about achievements in National facilities of ultra-high intensities and their application to forefront scientific studies of ultra-intense radiation/materials interactions.

Learn more by visiting the event website:

https://www.optica.org/events/congress/laser_congress/?utm_source=CFP02&utm_medium=EMAIL&utm_campaign=22680_laser

Venue - Barcelona

Location	Barcelona
City	Barcelona
Country	ES