

Objective

Introduce participants into the possibilities of high power lasers. These lasers are already common in the Dutch industry, but mainly used for sheet cutting. They are also very suitable for welding and cladding due to the lower heat input compared to conventional heat sources. Another option is the use of pulsed lasers, which opens the road to surface modification at the nanometer scale. This event was a joint initiative of M2i, Laser Application Centre (LAC), University of Twente and Syntens.



Transfer topics

- Presentations by techno starters and well established users of laser equipment.
- Workshops on: Welding using disk laser, Design for laser, Certification and standards with laser welding, Trends in laser micro processing, and Trends in high power lasers.

Industrial benefits

- Hands on experience during the workshops
- Over one hundred participants from the following companies and organisations:
 - 247TailorSteel, 3Force BV, Ales Metaaltechniek, ASML B.V., AWL Techniek, Belgian Laser Company, BFi Optilas BV, BMF Systemparts BV, Bodycote Hardingscentrum B.V., Bosch VDT, BrainCenter, Bronkhorst HiTech, Cetra Metaal, Marijnissen Consultancy, Daussiny, Demar Laser, Demcon, ECN, Edding Lega International B.V, Eldim, Elmekanic, Enrichment Technology NL bv, Flexweld, Flexweld, Dorrepaal, GL Precision B.V., Hoekman RVS, Hogeschool Arnhem en Nijmegen (HAN), Houmaro cnc slijptechniek bv, HPG bv, IAI, ILT, Intermeco bv, Koninklijke Nederlandse Munt, Laser Applicatie Centrum, Laprocon, Laser up, Layerwise, Lightmotif, Linde Gas Benelux, LPF Flexible packaging

