



Workshop:

Laser Polymer Welding – Recent Results and Future Prospects for Industrial Applications in an European Research Project

Date : Location :	May 14, 2013, 09 :00h – 13 :00 h, Room A22 Munich, Germany
09:00	Alexander Olowinsky (Chair) Fraunhofer ILT, Aachen (DE) Introduction, Polybright Project Overview
09:25	Tim Westphälig IPG Laser GmbH, Burbach (DE) High-brilliance Fiber Laser Sources with new NIR Wavelengths
09:50	Daniel Vogler Leister Process Technologies, Kägiswil (CH) Beam shaping for enhanced laser polymer welding
10:15	Coffee break
10:35	Frauke Legewie LIMO Lissotschenko Mikrooptik GmbH, Dortmund (DE) Welding of polymers with adapted wavelengths and innovative intensity distributions by beam shaping - laser sources and materials
11 :00	Petri Laakso VTT Technical Research Centre, Lappeenranta (FI) Intelligent Power Control for Quasi-Simultaneous laser welding
11 :25	Fernando Liebana Tecnalia, Zamudio (ES) Autocalibration system with internal and external camera for scanner-based laser welding of polymers
11:50	Mikko Laaksonen Cencorp Oyj, Mikkeli (FI) Laser welding machines with new features
11 :15	Final Discussion
12:30	Lunch



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