WORKSHOP SCHEDULE

THURSDAY, April 27th, 2017

before 1:00 pm Arrival (lunch optional)
1:00 pm – 1:20 pm Opening remarks and introduction
   Prof. Dr. Günther Tränkle (Ferdinand-Braun-Institut, Leibniz-Institut für Höchstfrequenztechnik (FBH) & IKZ, Berlin)
1:20 pm – 2:05 pm Zentrum für Lasermaterialien – Kristalle (ZLM-K)
   Dr. Christian Kränkel (IKZ, Berlin)
2:05 pm – 2:50 pm Zentrum für Lasermaterialien – Halbleiter (ZLM-H)
   Prof. Dr. Markus Weyers (FBH, Berlin)
2:50 pm – 3:30 pm Coffee break
3:30 pm – 4:00 pm Different Gain Materials in Solid State Laser Industry at Coherent
   Dr. Wolf Seelert (Coherent LaserSystems, Lübeck)
4:00 pm – 4:30 pm 2 µm lasers: From crystal growth to medical products and beyond
   Dr. Heinrich-Otto Teichmann (LISA laser products, Katlenburg-Lindau)
4:30 pm – 5:00 pm Ultrafast regenerative thin-disk amplifiers
   Dr. Christian Grebing
   (TRUMPF Scientific Lasers GmbH + Co. KG, Unterföhring, Germany)
5:00 pm – 5:15 pm Coffee break
5:15 pm – 6:15 pm Labtour at the Leibniz-Institut für Kristallzüchtung
6:15 pm Dinner event

FRIDAY, April 28th, 2017

9:00 am – 9:30 am Solid-state laser drivers for generating ultrashort x-ray pulses
   Prof. Dr. Thomas Elsässer (Max-Born-Institute, Berlin, Germany)
9:30 am – 10:00 am Direct generation of application specific wavelength and shorter high power pulses based on adapted laser crystals
   Dieter Hoffmann (Fraunhofer ILT, Aachen)
10:00 am – 10:30 am Challenges and prospects in high power laser technology
   Prof. Dr. Andreas Tünnemann
   (Fraunhofer Institute for Applied Physics and Precision Engineering, Jena / Institute for Applied Physics, Friedrich Schiller University Jena)
10:30 am – 11:00 am Coffee break
11:00 am – 1:00 pm Introduction, transfer and labtour to the FBH
1:00 pm Departure

Participating in the workshop is free. The number of participants is limited, therefore we would request an informal registration via e-mail to zlm@ikz-berlin.de before April 3rd.