

conference contributions of Dr. Thomas Metzger

2008

T. Metzger, C. Y. Teisset, and F. Krausz, "High-Repetition-Rate Picosecond Pump Laser Based on a Yb:YAG Disk Amplifier for Optical Parametric Amplification," in Conference on Advanced Solid-State Photonics, OSA Technical Digest Series (CD) (Optical Society of America, 2008), paper TuA2.

2005

T. Fuji, N. Ishii, T. Metzger, L. Turi, A. Baltuska, F. Krausz, and A. Galvanauskas, "Infrared optical parametric chirped pulse amplifier for high harmonic generation", in Conference on Ultrafast Optics V, Sep. 2005, Nara, Japan.

T. Fuji, N. Ishii, A. Baltuska, T. Metzger, F. Krausz, and A. Galvanauskas, "Efficient 50-THz-wide phase-stabilized chirped parametric amplification at 2.1 μm ," in Conference on Lasers and Electro-Optics Europe, 2005. CLEO/Europe, 372 (2005).

N. Ishii, A. Baltuška, C.Y. Teisset, T. Fuji, T. Metzger, S. Köhler, G. Veitas, R. Danielius, A.M. Zheltikov, and F. Krausz, "Passively synchronized multimillijoule optical parametric chirped pulse amplifier with a positive-dispersion sub-10-fs pulse compression," in Conference on Lasers and Electro-Optics Europe, 2005. CLEO/Europe, 349 (2005).

C. Y. Teisset, N. Ishii, T. Fuji, T. Metzger, S. Koehler, A. Baltuska, and F. Krausz, "All-Optical Pump-Seed Synchronization for Few-Cycle OPCPA," in Conference on Lasers and Electro-Optics/Quantum Electronics and Laser Science and Photonic Applications Systems Technologies, Technical Digest (CD) (Optical Society of America, 2005), paper CMB3.

2003

High-quality microlaser drilling of metals and ceramics with maximum aspect ratio
A. Binder, T. Metzger, H. Kern, D. Ashkenasi, G. Müller, T. Riesbeck, H.-J. Eichler,
SPIE 4977, 295-305, Photonics West 2003.

2002

High Aspect-Ratio Laser-Drilling of Micro-Holes with a Nd:YAG Master-Oscillator Power-Amplifier (MOPA) System
A. Binder, T. Metzger, D. Ashkenasi, G. Müller, T. Riesbeck
Talk M407, International Congress on Applications of Lasers and Electro-Optics,
(ICALEO 2002), Scottsdale, USA (2002).

High Brightness All-Solid-State Laser System with Fiber Phase Conjugate Mirrors. Talk
502, International Congress on Applications of Lasers and Electro-Optics
T. Riesbeck, E. Risse, H.-J. Eichler, A. Binder, T. Metzger, D. Ashkenasi, G. Müller
(ICALEO 2002), Scottsdale, USA (2002).

Untersuchung zu Laserbohrungen mit hohem Aspektverhältnis in keramischen Werkstoffen mit Lasersystemen hoher Strahldichte

A. Binder, D. Ashkenasi, T. Metzger, T. Riesbeck, E. Risse, H.-J. Eichler
DPG (VI), 37, Q 211.3 (2002), Osnabrück.

Nd:YAG and Nd:YAP Solid State Laser Systems with High Beam Quality and High Average Output Power by Fiber Phase Conjugate Mirrors

T. Riesbeck, H.-J. Eichler, E. Risse, A. Binder, T. Metzger, D. Ashkenasi, G. Müller
ICALEO 2002 Proc.

High Aspect-Ratio Laser-Drilling of Micro-Holes with a Nd:YAG Master-Oscillator Power-Amplifier (MOPA) System

A. Binder, T. Metzger, D. Ashkenasi, G. Müller, T. Riesbeck, H.-J. Eichler,
ICALEO 2002 Proc.