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Real-time 3D tracking of a microparticle using chromatic aberration

Sepehr Elahi, Ecole Polytechnique Fédérale de Lausanne (Switzerland)

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Semi-analytical technique for the design of passive daytime radiative cooling coating

Bhriagu Rishi Mishra, Indian Institute of Technology Bombay (India)

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Digital harmonic holographic microscope for the study of nanostructures in nonlinear regime

Serena Goldmann, Institut Langevin (France), ESPCI ParisTech (France), Univ. PSL (France)

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Optimisation of control circuit of single photon detector for space projects

Matej Stavinoha, Czech Technical Univ. in Prague (Czech Republic)

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Development of light-field motion tracking technology for use in laboratory studies of planet formation

Ellen C. Daly, The Open Univ. (United Kingdom)

Conference 12572: Optical Sensors 2023

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Tuning bimetallic Au@Ag nanorods localized surface plasmon resonance on side-polished optical fiber sensing configurations at near-infrared wavelengths

Paulo S. S. dos Santos, Univ. do Porto (Portugal)

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Fiber components based on large-mode chirally-coupled-core specialty fibers for all-fiber laser systems

Eike Brockmüller, Laser Zentrum Hannover e.V. (Germany)

Conference 12574: Holography: Advances and Modern Trends

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CCD and Hartmann-Shack wavefront sensor to analyse holographic lens resolution

Tomás Lloret López, Univ. de Alicante (Spain)

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All dielectric Mie-resonant waveguides and nanophotonic structures

Yunus Denizhan Sirmaci, Friedrich-Schiller-Univ. Jena (Germany)

Conference on 12577: High-power, High-energy Lasers and Ultrafast Optical Technologies

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TempoRL: laser pulse temporal shape optimization with Deep Reinforcement Learning

Francesco Capuano, Politecnico di Torino (Italy)

Conference 12583: Applying Laser-driven Particle Acceleration: Uses of Distinctive Energetic Particle and Photon Sources

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Absolute timing of laser-driven radiation sources interacting in matter

Jonathan P. Kennedy, Queen's Univ. Belfast (United Kingdom)

Conference 12584: Smart Materials for Opto-Electronic Applications

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Structural and luminescent properties of dysprosium ions-doped tungstate phosphor for w-LEDs

Anu Mor, Delhi Technological Univ. (India)