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Program

Tuesday, May 10

Registration

Registration Desk Open

Wednesday, May 11

Registration

Registration Desk Open

Welcome and Introduction to the Conference

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Research and development of free-space laser communications and quantum key distribution technologies at NICT

Morio Toyoshima (National Institute of Information and Communications Technology, Japan);
Takashi Sasaki (The University of Electro-Communications, Japan); Hideki Takenaka (National Institute of Information and Communications Technology (NICT), Japan); Yozo Shoji (National Institute of Information and Communications Technology, Japan); Yoshihisa Takayama (National Institute of Information and Communications Technology, Japan); Yoshisada Koyama (National Institute of Information and Communications Technology, Japan); Hiroo Kunimori (NICT, Japan); Maki Akioka (National Institute of Information and Communications Technology, Japan); Mikio Fujiwara (NICT, Japan); Masahide Sasaki (NICT, Japan)
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Deep Space Science Downlinks via Optical Communication

Robert Daddato (European Space Agency, Germany); Klaus-Juergen Schulz (European Space Agency, Germany); Igor Zayer (European Space Agency, Germany)
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5.625 Gbps Bidirectional Laser Communications Measurements Between the NFIRE Satellite and an Optical Ground Station

Renny Fields (The Aerospace Corporation, USA); David Kozlowski (The Aerospace Corporation, USA); Hal Yura (The Aerospace Corporation, USA); Robert Wong (The Aerospace Corporation, USA); Josef Wicker (The Aerospace Corporation, USA); Carl Lunde (The Aerospace Corporation, USA); Mark Gregory (Tesat Spacecom, Germany); Bernhard Wandernoth (Tesat Spacecom, Germany); Frank Heine (Tesat-Spacecom, Germany)
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The Lunar Laser Communications Demonstration

Bryan Robinson (MIT Lincoln Laboratory, USA); Don Boroson (MIT Lincoln Laboratory, USA); Dennis Burianek (MIT Lincoln Laboratory, USA); Daniel Murphy (MIT Lincoln Laboratory, USA)
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Hamid Hemmati (Jet propulsion Laboratory (JPL), USA); William Farr (Jet propulsion Laboratory (JPL), USA); Abhijit Biswas (Jet propulsion Laboratory (JPL), USA); Kevin Birnbaum (Jet propulsion Laboratory (JPL), USA); William Roberts (Jet propulsion Laboratory (JPL), USA); Kevin Quirk (Jet Propulsion Laboratory (JPL), USA); Stephen Townes (Jet Propulsion Laboratory, USA)
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Yoshisada Koyama (National Institute of Information and Communications Technology, Japan); Morio Toyoshima (National Institute of Information and Communications Technology, Japan); Yoshihisa Takayama (National Institute of Information and Communications Technology, Japan); Hideki Takenaka (National Institute of Information and Communications Technology (NICT), Japan); Koichi Shiratama (NEC Toshiba Space Systems, Japan); Ichiro Mase (NEC Corporation, Japan); Osamu Kawamoto (NEC Corporation, Japan)
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Toshiaki Yamashita (NEC Corporation, Japan); Masaki Morita (NEC, Japan); Motoaki Shimizu (NEC, Japan); Daisuke Eto (NEC, Japan); Koichi Shiratama (NEC Toshiba Space Systems,

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Kevin Birnbaum (Jet Propulsion Laboratory (JPL), USA); Jeffrey R. Charles (Jet Propulsion Laboratory, USA); William Farr (Jet Propulsion Laboratory (JPL), USA); Jonathan Gin (Jet Propulsion Laboratory (JPL), USA); Kevin Quirk (Jet Propulsion Laboratory (JPL), USA); William Roberts (Jet Propulsion Laboratory (JPL), USA); Jeffrey Stern (Jet Propulsion Laboratory (JPL), USA); Yen-Hung Wu (Jet Propulsion Laboratory (JPL), USA)
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Shigehito Miki (National Institute of Information and Communications Technology, Japan); Taro Yamashita (National Institute of Information and Communications Technology, Japan); Hirotaka Terai (NICT, Japan); Mikio Fujiwara (NICT, Japan); Masahide Sasaki (NICT, Japan); Zhen Wang (NICT, Japan)
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Purificación Munuera (Ingeniería y Servicios Aeroespaciales, S. A., Spain); Juan Cabrero (Ingeniería y Servicios Aeroespaciales, S. A., Spain); Carlos Rivera (Ingeniería y Servicios Aeroespaciales, S. A., Spain); Fernando Aragón (Ingeniería y Servicios Aeroespaciales, S. A., Spain)
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Carlos Rivera (Ingeniería y Servicios Aeroespaciales, S. A., Spain); Juan Cabrero (Ingeniería y Servicios Aeroespaciales, S. A., Spain); Purificación Munuera (Ingeniería y Servicios Aeroespaciales, S. A., Spain); Fernando Aragón (Ingeniería y Servicios Aeroespaciales, S. A., Spain)
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Mikio Fujiwara (NICT, Japan); Morio Toyoshima (National Institute of Information and Communications Technology, Japan); Masahide Sasaki (NICT, Japan); Ken-ichiro Yoshino (NEC Corporation, Japan); Yoshihiro Nambu (NEC Corporation, Japan); Akihisa Tomita (Hokkaido University, Japan)
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Frank Heine (Tesat-Spacecom, Germany); Hartmut Kämpfner (Tsat-Spacecom, Germany); Peter Greulich (Tsat Spacecom, Germany); Stefan Seel (Tsat Spacecom, Germany)
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Todd Rose (The Aerospace Corporation, USA); Charles Klimcak (The Aerospace Corporation, USA); David Kozlowski (The Aerospace Corporation, USA); George Sefler (The Aerospace Corporation, USA); Hal Yura (The Aerospace Corporation, USA); Andrew Walston (The Aerospace Corporation, USA); Nicolette Werner (The Aerospace Corporation, USA); Craig Mueller (The Aerospace Corporation, USA)

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Daniel E. Raible (NASA John H. Glenn Research Center, USA); Brian Fast (Rockwell Automation, USA); Dragos Dinca (NASA John H. Glenn Research Center, USA); Taysir Nayfeh (Cleveland State University, USA); Andrew Jalics (Qinetiq North America, USA)

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Yozo Shoji (National Institute of Information and Communications Technology, Japan); Yoshihisa Takayama (National Institute of Information and Communications Technology, Japan); Morio Toyoshima (National Institute of Information and Communications Technology, Japan); Martyn Fice (University College London, United Kingdom); Alwyn Seeds (University College London, United Kingdom)

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Stefan Spießberger (Ferdinand-Braun-Institut, Germany); Max Schiemangk (Humboldt Universität zu Berlin, Germany); Alexander Sahm (Ferdinand Braun Institut für Höchstfrequenztechnik, Germany); Andreas Wicht (Ferdinand-Braun-Institut, Germany); Hans Wenzel (Ferdinand-Braun-Institut, Germany); Götz Erbert (Ferdinand-Braun-Institut für Höchstfrequenztechnik, Germany); Günther Tränkle (Ferdinand-Braun-Institut für Höchstfrequenztechnik, Germany)

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Erdenetsetseg Luvsandamdin (Ferdinand Braun Institut Leibniz Institut für Höchstfrequenztechnik, Germany); Gregor Mura (Ferdinand Braun Institut Leibniz Institut für Höchstfrequenztechnik, Germany); Andreas Wicht (Ferdinand-Braun-Institut, Germany); Alexander Sahm (Ferdinand Braun Institut für Höchstfrequenztechnik, Germany); Stefan Spießberger (Ferdinand-Braun-Institut, Germany); Hans Wenzel (Ferdinand-Braun-Institut, Germany); Götz Erbert (Ferdinand-Braun-Institut für Höchstfrequenztechnik, Germany); Günther Tränkle (Ferdinand-Braun-Institut für Höchstfrequenztechnik, Germany)
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Abhijit Biswas (Jet propulsion Laboratory (JPL), USA); Joseph Kovalik (Jet Propulsion Laboratory (JPL), USA); Martin Regehr (JPL, USA)
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[JPL Tour](#)