

# PIERS 2019 Rome

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Photonics & Electromagnetics Research Symposium  
also known as Progress In Electromagnetics Research Symposium

Program

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June 17–20, 2019  
Rome, ITALY

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- 11:30 Amorphous Ga-Sb-Se Thin Films Fabricated by Co-sputtering Technique  
Invited  
*Tomas Halenkovic (University of Pardubice); Virginie Nazabal (Université de Rennes 1); Jan Gutwirth (University of Pardubice); Marek Bouska (University of Pardubice); Laurent Calvez (UMR CNRS 6226, Université de Rennes 1); Petr Nemeč (University of Pardubice);*
- 11:50 Glass Integrated Photonics for Quantum Technology  
Invited  
*James C. Gates (ORC, University of Southampton);*
- 12:10 Tellurite Glass Devices for Silicon-based Photonic Integrated Circuits  
Invited  
*Jonathan D. B. Bradley (McMaster University); Henry C. Frankis (McMaster University); Khadijeh Miarabbas Kiani (McMaster University); Dawson B. Bonneville (McMaster University); Daniel Su (McMaster University); Richard Mateman (LioniX International BV); Arne Leinse (LioniX International BV); Andrew P. Knights (McMaster University);*
- 12:30 Silica-based Scintillating Fibers for Ionizing Radiation Sensing  
Invited  
*Anna Vedda (University of Milano-Bicocca);*
- 12:50 Integrated Photonics for Biomedical Spectroscopy  
Invited  
*James S. Wilkinson (University of Southampton);*
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- Session 4A11**  
**SC2: THz Metamaterials, Devices and Systems 1**
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- Thursday AM, June 20, 2019**  
**Room 11 - Mezzanine**  
Organized by Romeo Beccherelli, Dimitris C. Zografopoulos  
Chaired by Romeo Beccherelli
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- 09:00 Wide Band Gap Semiconductors for THz Quantum Cascade Lasers and Detectors  
Invited  
*Jean-Michel Chauveau (Université Côte d'Azur); N. Le Biauan (Université Côte d'Azur); M. Hugues (Université Côte d'Azur); D. Lefebvre (Université Côte d'Azur); E. Frayssinet (Université Côte d'Azur); P. de Mierry (Université Côte d'Azur); Y. Cordier (Université Côte d'Azur); M. Montes Bajo (Universidad Politecnica de Madrid); J. Tamayo-Arriola (Universidad Politecnica de Madrid); A. Hierro (Universidad Politecnica de Madrid); A. Jollivet (Université Paris-Sud); M. Tchernycheva (Université Paris-Sud XI); F. H. Julien (Université Paris-Sud XI); B. Hinkov (Institute of Solid State Electronics); G. Strasser (Institute of Solid State Electronics); B. Meng (Institute for Quantum Electronics); Jerome Faist (ETH Zurich);*
- 09:20 THz Polarization Control with Chiral Metamaterials  
Invited  
*Maria Kafesaki (Institute of Electronic Structure and Laser (IESL)); G. Kenanakis (Institute of Electronic Structure and Laser (IESL)); Eleftherios N. Economou (Institute of Electronic Structure and Laser (IESL)); Costas M. Soukoulis (Iowa State University);*
- 09:40 Graphene Tunability for Transmission Type Terahertz Chiral Metamaterial  
*M. Pavithra (Department of Nuclear Physics, University of Madras (Guindy Campus)); K. Ravichandran (Department of Nuclear Physics, University of Madras (Guindy Campus)); Natesan Yogesh (University of Madras (Guindy Campus));*
- 10:00 Time-resolved Nonlinear Ghost Imaging  
*L. Olivieri (University of Sussex); J. S. Toterogongora (University of Sussex); V. Cecconi (University of Sussex); R. Tucker (University of Sussex); L. Peters (University of Sussex); J. Tunesi (University of Sussex); A. Pasquazi (University of Sussex); Marco Peccianti (University of Sussex);*
- 10:20 Photo-excited Switchable Terahertz Multi-band-pass Filter  
*Shan Yin (Guilin University of Electronic Technology); X. Shi (Guilin University of Electronic Technology); L. Guo (Guilin University of Electronic Technology); W. Huang (Guilin University of Electronic Technology);*