



Nuclear Photonics



Monterey, California • October 16-21, 2016

Purpose

Discussion of all aspects of photon-based, nuclear science, applications & related technologies, i.e. Nuclear Photonics

Important Dates

On-line Registration Opens

May 2, 2016

Deadline for Abstract Submission

September 6, 2016

Deadline for Early Registration

August 26, 2016

Deadline for Hotel Reservations

September 21, 2016

Venue

Monterey Plaza Hotel & Spa
www.montereyplazahotel.com

Topics

- Compton gamma-ray sources and related accelerator technologies
- Ultrahigh intensity lasers and related optical technologies
- Precision photo-nuclear spectroscopy
- NRF-based, isotope-specific materials detection, assay and imaging
- Production and photo-excitation of isomers
- Photo-fission and nuclear transmutation
- Ultrarelativistic laser-matter interactions and QED effects
- Production and characterization of rare isotopes
- Photon-enabled nuclear cosmology
- Advances in gamma-ray monochromators, optics and detectors
- Photon-based beams of positrons, neutrons, electrons, protons etc.
- Potential industrial, security, energy and medical applications

Conference Chairs

Dr. Christopher Barty, Lawrence Livermore National Laboratory, USA

Dr. Ryoichi Hajima, National Institutes for Quantum and Radiological Science and Technology, Japan

Prof. Norbert Pietralla, Technische Universität Darmstadt, Germany

Program Chairs

Prof. Calvin Howell, Triangle Universities Nuclear Laboratory, USA

Prof. Markus Roth, Technische Universität Darmstadt, Germany

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