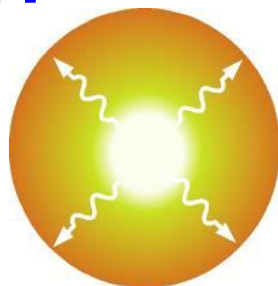
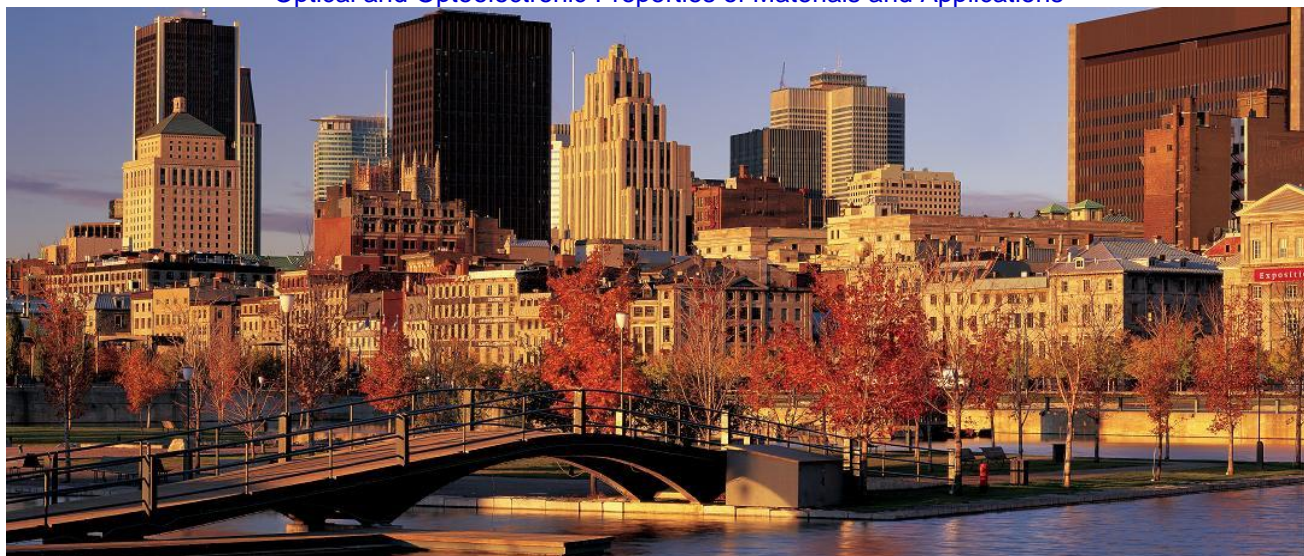


Seventh International Conference on Optical, Optoelectronic and Photonic Materials and Applications 2016



Montreal, 12 - 18 June 2016

Seventh International Conference on
Optical and Optoelectronic Properties of Materials and Applications



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ICOOPMA 2016

<http://www.icoopma.org>

<http://icoopma16.org>



ICOOPMA is an international conference on optical, optoelectronic and photonic materials for a wide range of applications from telecommunications to photovoltaics; and optical, optoelectronic and electro-optic properties of all classes of materials and material systems. The conference will be held at Polytechnique Montréal, which is rated as among the top universities in Canada in engineering. It is located on the northern slope of Mount Royal in the very heart of Montreal. It is easily accessible by buses or the metro. Montreal is one of the most attractive and lively cities in Northern America with a strong francophone heritage, beautiful historical buildings and churches, parks, museums, lively cafes, and some of the best cuisine in North America.

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SCOPE

Optical and optoelectronic properties of a wide range of materials and materials systems, such as single crystals, polycrystalline bulk and film samples, amorphous materials, organics, polymers, photonic crystals and nanostructures, quantum wells, wires and dots
Excitonic processes
Luminescence, Phosphors, Scintillators and Applications
Photoinduced effects
Electro-optic properties and applications
Nonlinear optical properties and applications
Materials for optoelectronics and photonics
Nano-optoelectronics and Nanophotonics
Photoconductivity, photogeneration, quantum efficiency
Optically induced processes
Optical fibers
Materials for optical storage
Photovoltaic materials
Experimental techniques
Optoelectronic and photonic devices
Optical components for telecommunications
Applications of materials in photonics and optoelectronics

SESSIONS

Optical properties of materials
General
Crystals
Polycrystalline bulk and film
Amorphous and organics
Nanostructures, including photonic crystals
Quantum dots
Quantum wires

II-VI and related semiconductors including alloys
III-V and related semiconductors including alloys
Oxide semiconductors
Silicon photonics
a-Si:H, a-SiN:H, a-SiC:H, a-SeGe:H
Nonoxide glasses and chalcogenide glasses
ZBLAN and oxyfluoride glasses
Excitonic processes
Luminescence, phosphors and applications
Photoinduced effects and applications
Photoconductivity and photogeneration
Nonlinear optical effects and applications
Electro-optic effects and applications
Semiconductors for optoelectronics (including wide bandgap materials) for applications in lasers, photodetectors, waveguides, modulators etc.
Light emitting devices (including organics)
Photonic and optoelectronic materials and devices
Quantum wells, quantum wires, quantum dots,
Nanophotonics and nano-optoelectronics
Optical storage
Photovoltaics (materials and devices, and their properties)
Waveguides and fibers
Integrated photonics
Experimental techniques
Photoreflectance
Photonic bandgap materials and nonlinear photonic bandgap materials
Defect spectroscopy
Femtosecond spectroscopy
Optical fibers and fiber Sensors
Plasmons and surface plasmons
Selected topics (e.g. photocatalysis in materials, materials for energy conversion etc)

ICOOPMA HISTORY

ICOOPMA16 is the seventh in the ICOOPMA series, an International Conference on Optical, Optoelectronic and Photonic Materials and Applications, which was held for the first time in Darwin, Australia, in 2006. The ICOOPMA series arose from a need for such a conference for those researchers who sought a truly international conference that covered a wide range of materials and applications in optics, optoelectronics and photonics. The International and Local Organizing Committees have the responsibility of ensuring an in-depth scientific coverage with invited and contributed papers from various countries and in various disciplines; and ensuring an enjoyable scientific program. By tradition, the conference has a large number of invited papers from top researchers in various fields to review the advances and bring the audience up-to-date. The plenary and invited talks are the most exciting part of the scientific program; and for finding out the advances, challenges and the current problems. ICOOPMA is a non-profit conference that is run by scientists for scientists without any institutional constraints and restrictions. <http://icoopma.org>

VENUE AND CONTACTS

Polytechnique Montreal

<http://icoopma.org>

IMPORTANT DATES

Oral abstract Submission: 1 February 2016

Poster abstract submission, 1 May 2016

Early registration: 1 February 2016

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Stephen Sweeney, University of Surrey, UK (Conference Co-
Chair, 2014)

CONFERENCE PAPERS

Papers that represent complete works may be submitted
to a special issue of the *Journal of Materials Science*:

Materials in Electronics (Springer) dedicated to this conference. Impact Factor: 1.97 (2013), 1.57 (2014)



GUEST EDITORS

Younes Messaddeq, Raman Kashyap and Carlos Silva