



ETOP 2019

Québec, Canada

CALL FOR PAPERS

Education and Training in Optics and Photonics

May 21-24, 2019

Québec City, Canada

Topics and Scope

- Education and training in multidisciplinary environments
- Curriculum development and improvement in optics and photonics
 - Practical training in laboratory
 - Lecture-based learning
 - Problem-solving and problem-based approaches
 - Project-based training
 - Bringing modern optics into the classroom
 - Flipped classroom models
- Teaching with optics examples from nature
- Education and training tailored to industry needs
 - Continuous education and training for academia and industry
 - In-company training and internships
 - Local and regional economic development through optics and photonics education and research
 - Technology competitions as learning and training tools
- Teaching optics and photonics using new technologies
 - Virtual classroom and remote learning
 - Training using specialized software as practical tools
 - Open-source platforms and artificial intelligence tools to enhance the learning experience
- Program accreditation and evaluation
- New methods, tools, kits and models for photonic education
- Outreach education in optics and photonics
 - International Day of Light (IDL) activities and events
 - Reaching underprivileged or remote communities
 - Evaluation methods and metrics for outreach activities
- Training the teachers
- Future challenges and opportunities in education in optics and photonics

Important Dates

Abstract deadline: December 1, 2018

Author notification: January 15, 2019

Early bird registration: April 15, 2019

Manuscript due date: May 1, 2019

Conference Chairs



Anne-Sophie Poulin-Girard
Université Laval
Canada



Joseph Shaw
Montana State University
USA

Organizing Partners

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