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
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Organizing Partners

http://etop2019.copl.ulaval.ca/