

GMP 5th Photonics Prize 2019

GMP

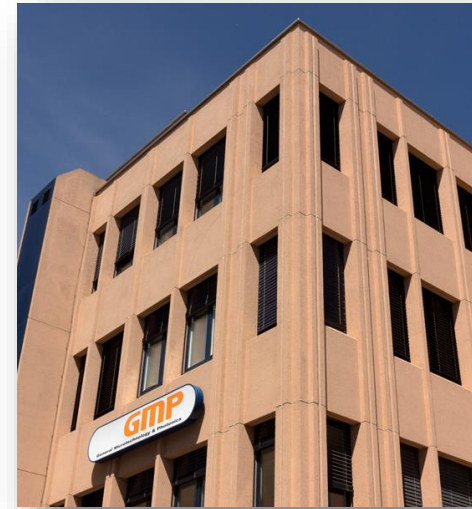
GENERAL
MICROTECHNOLOGY
& PHOTONICS **40** Years
experience

Fabio Manzini
CEO

fabio.manzini@gmp.ch

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sandra.ropars@gmp.ch



Pierre-Alain Thonney
Technical support & maintenance
pierre-alain.thonney@gmp.ch

The GMP Photonics Prize history

Promoting and Motivating photonics research in Switzerland

- **1st** GMP Prize was awarded in 1988 for the 10-year anniversary
 - Winner: **Jérôme Faist** for the design of vertical cavity semi-conductor laser
- **2nd** GMP Prize was awarded in 1993 for the 15-year anniversary
 - Winners: **Peter Ebhets & Jacques Morel** for the coherent addition of laser beams
- **3rd** GMP Prize was awarded in 1990 for the 20-year anniversary
 - Winners: **Grégoire Ribordy & Wolfgang Tittel** for the tests of Bell Inequality and quantum cryptography
- **4th** GMP Prize was awarded in 2007 for the 30-year anniversary
 - Winner: **Patrick Stoller** for femtosecond lasers in fluid inclusion analysis



GMP 5th Photonics Prize 40-year anniversary

The Goal

The prize will be attributed to an original research work done by a young single researcher (not older than 40 years) or a group of young researchers and that has been successfully carried out in a research institution based in Switzerland.

The topic of the research must be related to the field of photonics. It must be either an original contribution to fundamental or applied research, a novel scientific application for industry, or an innovative product issued from basic or fundamental research.

The jury will also pay attention to the industrial applicability potential of the submitted work.



GMP 5th Photonics Prize 40-year anniversary

The Jury

MEMBRES DU JURY DE LA
3^e MISE AU CONCOURS
DU PRIX DE PHOTONIQUE

Prof. René Salathé will act
as the secretary of the jury:
e-mail: rene.salathe@epfl.ch

*The decisions of the jury are final
and without appeal.*



Ms. Nicoletta Casanova
CEO, FEMTOprint SA
Muzzano



Prof. Dr. Michael Graetzel
Head of Laboratory of Photonics
and Interfaces, EPFL Lausanne



Prof. Dr. Ursula Keller
Ultrafast Laser Physics, Physics
Department ETH Zurich /
co-director NCCR MUST



Prof. Dr. Patrik Hoffmann
Head of Laboratory for Advanced
Material Processing, EMPA Thun



Prof. Dr. Jérôme Faist
Institute for Quantum
Electronics, ETHZ Zürich



Dr. Christian Bosshard
Head of CSEM Center
Muttenz



Prof. Dr. Christophe Moser
Head of Laboratory of
applied photonic systems,
EPFL Lausanne



Dr. Christoph Harder
President of Swissphotonics



Prof. em. Dr. René Salathé
EPFL Lausanne



GMP 5th Photonics Prize 40-year anniversary

The Candidates

20 applications

Surendra Babu Anantharaman	EPFL/PSI Laboratory for Functional Polymers
Reza Andalibi	Paul Scherrer Institute Villigen
Ileana-Cristina Benea-Chelmus	ETHZ Quantum Electronics Group
Alberto Boaron & Davide Rusca	University of Geneva Group of Applied Physics
Christian Burri	University of Bern for Applied Sciences HuCE
Desmond Chow Ming Chia	EPFL Group for Fiber Optics
Gauthier Croizat	EPFL LIFMET /Erasmus Medical Center
Tapajyoti Das Gupta	EPFL Laboratory of Photonic Materials and Fiber Devices
Firouzeh Ebadi Garjan	EPFL Laboratoire des Sciences Photomoléculaires
Amir H. Ghadimi	EPFL Laboratoire de Photonique et Mesure Quantique



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The Candidates

René Grabher & Eric Breitenstein	NTB Buchs Inst. For Electronics Sensors and Actuators
Jason P. Holland	University of Zürich
Hannes Merbold	HTW Chur Institute of Photonics and ICT
Jacob Nürnberg	ETHZ Institute for Quantum Electronics
Malte Oppermann	EPFL LACUS Laboratory of Ultrafast Spectroscopy
Antonio Ortu & Moritz Businger	University of Geneva Group of Applied Physics
Martin Pfeiffer	EPFL Laboratory of Photonics and Quantum Measurements
Yannick Salamin	ETHZ Institute of Electromagnetic Fields
Dimitri Unicheck & Alberto Ciarrocchi	EPFL Laboratory of Nanoscale Electronics and Structure
Giovanni Maria Vanacore & Gabriele Berruto & Ivan Madan	EPFL LUMES Laboratory for Ultrafast Microscopy and Electron Scattering



Time for the Awards

presented by

Prof. Em. Dr. René Salathé

in the name of the Jury

