



EPHJ 2026

Christoph Harder

harder@swissphotonics.net, 079 219 9051

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EPHJ 2026

- **Instagram**

- <https://instagram.com/p/DXwtZ8wjJeZ/>

- **Webpage**

- <https://www.ephj.ch/en/home/>

- **Swissphotonics at EPHJ**

- Yearly workshop since 2014

EPHJ 2026: Swissphotonics Workshop

- **Photonics 4 Masterpieces, Colors**

- Paid by Phorwards21/Photonics21
- Connect technology suppliers with end customers, work the value chain
 - Go directly to exhibitions/trade fairs of end-users
 - Organize workshop with crisp 10min talks as a teaser for walk-ins

- https://www.swissphotonics.net/home?event_id=4556

Photonics 4 Masterpieces Colors for Jewelry Thursday, June 18, 2026, Palexpo		
Start: 10:00	Color Perception	Chair: Rolando Ferrini
10:00-10:10	1.1 PhotonHub: Free access to leading facilities	Christoph Harder, Swissphotonics
10:10-10:20	1.2 Micro and nano engineering of colors and appearances.	Evgenii Glushkov, CSEM
10:20-10:30	1.3 Architects of Light: Shaping the Future of Color, Trust, and Engagement	Martina Müller, 3DAG
10:40-10:50	1.5 Q&A	All
Start: 11:15	Color Technology	Chair: Beat Neuenschwander
11:15-11:25	2.1 Black marking	Ronald Holtz, FHNW
11:25-11:35	2.2 Nano-structured Elegance - Scalable Structural Color for Luxury Design	Veronica Savu, Morphotonix
11:35-11:45	2.3 Multicolor Imaging on Flat Glass and Sapphire Substrates by Selective Laser Ablation of Thin-Film Stacks	Sylvain LeCoutre
11:45-11:55	2.4 Bio inspired surface texturing for colors	Tim Kunze, Fusion Bionic
11:55-12:05	2.5 Q&A	All
Start: 12:30	Color Manufacturing	Chair: Annika Steggemann
12:30-12:40	3.1 Chip-Scale Spectral Imaging for Quantitative Colour Sensing	Nicolas Cantale, CSEM
12:40-12:50	3.2 Surface structuring for colorful decoration	Abel Gil Villalba, DM Surfaces
12:50-13:00	3.3 CVD coatings for Colors	Simone Biasco, Evatec
13:00-13:10	3.4 Q&A	All

EPHJ 2026: Swissphotonics Workshop

- **Color lies at the heart of watchmaking and jewelry**
 - defining aesthetics, perceived quality, and brand identity. Yet achieving precise, reproducible, and innovative colors remains a complex technical challenge, especially as materials, coatings, and manufacturing processes evolve.
 - dedicated workshop at EPHJ exploring how photonic technologies enable next-generation color solutions for the watch and jewelry industry. The workshop will bring together experts from industry and research to discuss advanced methods for color generation, measurement, and control.
 - Topics will include structural colors based on nanophotonics, laser-based surface functionalization, thin-film coatings, and high-precision color metrology. Participants will gain insights into how these technologies can enhance durability, sustainability, and design flexibility while ensuring consistency across production.
 - Designed for engineers, designers, and decision-makers, this workshop offers a unique opportunity to connect photonics innovation with the creative and technical demands of luxury manufacturing.

EPHJ 2026: Swiss photonics round table

- Roundtable: Swiss microtechnology tradition: Quo vadis
 - [Christoph Harder](#), Swiss photonics
 - [Florian Stauffer](#), CIPOSA
 - [Rolando Ferrini](#), Femtoprint
 - [Reinhard Voelkel](#), Renevo Capital
- The session aims to encourage an open and forward-looking exchange on how Switzerland's micromechanical ecosystem can preserve its unique heritage while continuing to innovate and strengthen its global competitiveness within a rapidly evolving technological and economic landscape.

13:30-14:15	Swiss microtechnology tradition – quo vadis?		Chair: Fabio Manzini
	4.1	Christoph Harder	
	4.2	Florian Stauffer, CIPOSA	
	4.3	Rolando Ferrini, Femtoprint	
	4.4	Reinhard Völkl, Renevo Capital	
Program committee			
End-user	Annika Stegeman		annika.steggemann@gmail.com
Academia	Beat Neuenschwander		beat.neuenschwander@bfh.ch
RTO	Elia Iseli		elia.iseli@empa.ch
Commercial	Fabio Manzini		Fabio.Manzini@gmp.ch
Network	Christoph Harder		harder@swissphotonics.net
Company	Rolando Ferrini		Rolando.Ferrini@Femtoprint.ch
Academia 2	Ronald Holtz		ronald.holtz@fhnw.ch