

The logo for EPFL (Ecole Polytechnique Fédérale de Lausanne) consists of the letters 'EPFL' in a bold, red, sans-serif font.

PAUL SCHERRER INSTITUT



Professor in Photonics
Ecole Polytechnique Fédérale de Lausanne (EPFL)
and
Head of Nanophotonics Laboratory
Paul Scherrer Institute (PSI)

The School of Engineering (STI) of EPFL and the Paul Scherrer Institute (PSI) invite applications for a tenured full or associate professor at EPFL who will also be Head of the Nanophotonics Laboratory of PSI. The holder of this joint EPFL/PSI position will lead the exploitation of nanotechnology for the use of short wavelength (UV to hard X-ray) light and the exploitation of short wavelength light for nanotechnology.

Applications are encouraged from leaders in photonics with particular achievements in nano- and micro-fabricated optical devices for the shaping, direction and detection of photon beams, and strong interest in providing such devices for the world-class accelerator-based short wavelength photon sources SwissFEL and SLS at PSI. As a faculty member of the EPFL School of Engineering and head at the PSI Micro- and Nanotechnology Laboratory (LMN), the successful candidate will be expected to initiate an independent and creative research program with laboratories located at PSI and doctoral students from EPFL as well as participate in undergraduate and graduate teaching. The successful candidate will also be responsible for the management of LMN with 60-80 people and substantial nano- and microfabrication facilities dedicated to the creation of photonics components. She/he will play a key role in strengthening collaboration between PSI and EPFL and also with established industries and startups.

EPFL with its main campus located in Lausanne, and PSI located near Zürich, are dynamic and well-funded institutions of the Swiss ETH Domain that foster excellence and diversity. The successful candidate's main research activities will be undertaken at PSI while teaching and other academic activities will be performed at EPFL. The pairing of a technical university covering

essentially the entire palette of engineering and science and a national laboratory with unique large-scale facilities for provision of brilliant photon beams offers a fertile environment for high-impact experiments and cooperation between different disciplines. EPFL and PSI are multi-lingual and multi-cultural institutions, with English often serving as a common interface.

Applications should include a cover letter with a statement of motivation, curriculum vitae, list of publications and patents, and concise statements of research and teaching interests. Applicants should also provide the names and addresses of at least five referees. Applications must be uploaded in PDF format to the recruitment web site:

<https://facultyrecruiting.epfl.ch/position/23691272>

Formal evaluation of candidates will begin on **15 November 2020** and continue until the position is filled.

Enquiries may be addressed to:

Prof. Demetri Psaltis
Search Committee Chair
E-mail: photonics-search@epfl.ch

For additional information on EPFL and PSI, please consult the web sites: www.epfl.ch, sti.epfl.ch, www.psi.ch and www.psi.ch/syn.

EPFL and PSI are equal opportunity employers and family friendly institutions. They are committed to increasing the diversity of their faculty and staff. They strongly encourage women to apply.