

Recruitment

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Have you thought of a career at CERN?

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Imagine taking part in the largest scientific experiment in the world. CERN needs more than physicists, engineers and technicians; if you are a student or a graduate just starting your career, or are an experienced professional - whatever your field of expertise, CERN could be your next opportunity.

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Several PhD Positions at the Technical University of Munich (TUM) on Experimental and Theoretical Aspects of Neutrinos and Dark Matter

We are looking for highly qualified and motivated students holding an MSc or equivalent degree in physics or astrophysics to pursue doctoral research at the Munich School on Neutrinos and Dark Matter.

The School is an Integrated Research Training Group within the recently founded SFB1258 "Neutrinos and Dark Matter in Astro- and Particle Physics" (www.sfb1258.de). SFB1258 is based at the Technical University of Munich (TUM) in collaboration with the Max-Planck-Institut für Physik (MPP), Max-Planck-Institut für Extraterrestrische Physik (MPE), Max-Planck-Institut für Astrophysik (MPA), European Southern Observatory (ESO), and the Institut für Hochenergiephysik (HEPHY) der Österreichischen Akademie der Wissenschaften.

We are offering PhD positions in Physics on various experimental as well as theoretical topics on neutrino properties, neutrino astronomy at low and high energies, the particle nature of dark matter, axion searches, and supernovae processes including the investigation of stellar matter.

We offer participation in running and future experiments like CRESST, FERMI, GERDA/LEGEND, IceCube, IceCube-Gen2, JUNO, KATRIN, SOX, and our local infrastructures, including the Maier-Leibnitz tandem accelerator laboratory.

For further information and application details please visit: <http://www.sfb1258.de/graduate-school/>



KEK, High Energy Accelerator Research Organization

Call for Nomination for Next Director-General of KEK

KEK, High Energy Accelerator Research Organization, invites nominations for the next Director-General whose term will begin April 1, 2018.

In view of his/her role that presides over the business of KEK as a representative of the Inter-University Research Institute Corporation, nominees shall be:

- 1) persons of noble character, with relevant knowledge and experience and having abilities to manage its educational and research activities properly and effectively.
- 2) persons expected to promote with long-term vision and strong scientific leadership, the highly advanced, internationalized, and inter-disciplinary research activities of KEK by getting support from the public.
- 3) persons expected to establish and carry out the medium-term goals and plans.

The term of appointment is three years until March 31, 2021 and shall be eligible for reappointment only twice. Thus, he/she may not remain in office continuously over a period 9 years.

We widely accept the nomination of the candidates regardless of their nationalities.

We would like to ask you to recommend the best person who satisfies requirements for the position written above.

Nomination should be accompanied by:

1) letter of recommendation, 2) brief personal history of the candidate, and 3) list of major achievements (publications, academic papers, commendations and membership of councils, etc.). The nomination should be submitted to the following address no later than May 31, 2017:

- Documents should be written either in English or in Japanese.
- Forms and details are available at: <https://www.kek.jp/en/NewsRoom/Release/20170301090000/>

Takayuki Sumiyoshi
The Chair of Director-General Selection Committee
High Energy Accelerator Research Organization

Inquiries concerning the nomination should be addressed to:
General Affairs Division
General Management Department
KEK, High Energy Accelerator Research Organization
1-1 Oho, Tsukuba, Japan 305-0801

Tel +81-29-864-5114 Fax +81-29-864-5560

Email: kek.dgsc@ml.post.kek.jp



UNIVERSITÉ DE GENÈVE

The Faculty of Science of the University of Geneva invites applications for a position as

FULL or ASSOCIATE PROFESSOR in neutrino physics

ASSIGNMENT:

This full-time appointment includes teaching physics at bachelor, master and postgraduate level as well as supervising master and doctoral theses.

The candidate will develop original research at the international level in his/her field of expertise and secure external funding. He/she will also take on organizational and administrative duties.

We are seeking a candidate with a proven international scientific reputation, with a wide range of skills and knowledge, including a very good understanding of the physics of neutrinos, the ability to coordinate a research group and to initiate communication and outreach programs for the University.

REQUIRED QUALIFICATIONS:

PhD in physics or equivalent.

Strong track record in research and experience in the management of research groups and in teaching. Publications in high-ranked international journals.

STARTING DATE: 01.08.2018 or upon mutual agreement

Applications including: cover letter, detailed CV together with a list of publications, copy of highest degrees/diploma, research and teaching statements, list of referees who can later be contacted directly by the search committee.

Recommendation letters are not requested for now.

Applications should be submitted exclusively on-line to the University website at the address <https://jobs.unige.ch> before July 31st, 2017 (0:00 Geneva time).

APPLICATIONS SENT BY EMAIL SHALL NOT BE ACCEPTED.

Complementary information may be obtained at the following e-mail address: scienceopenings@unige.ch.

In a perspective of parity, applications by women are particularly encouraged and welcome.



Senior and Junior Researchers, Postdoctoral research assistants,
PhD students, Engineers, Physicists and Technicians at
**Extreme Light Infrastructure –
Nuclear Physics (ELI-NP)**



Extreme Light Infrastructure – Nuclear Physics (ELI-NP) will be a new Center for Scientific Research to be built by the National Institute of Physics and Nuclear Engineering (IFIN-HH) in Bucharest-Magurele, Romania.

ELI-NP is a complex facility which will host two state-of-the-art machines of high performances:

- A very high intensity laser with two 10 PW lasers;
- A very high intensity laser with two 10 PW lasers; A very intense, brilliant γ beam, very low bandwidth, with E_γ until 19 MeV, which is obtained by incoherent Compton back scattering of a laser light off an intense electron beam ($E_e > 700$ MeV) produced by a warm LINAC.

The jobs description, the Candidate's profiles and the Rules of Procedures of Selection can be found at <http://www.eli-np.ro/jobs.php>.

The applications shall be accompanied by the documents required in the Rules and Procedures of Selection for these positions

The applications shall be sent to the Human Resources Department at human.resources@eli-np.ro.

IFIN-HH – ELI-NP is organizing competitions for filling the following positions:

Senior and Junior Researchers,
Postdoctoral research assistants,
PhD students, Engineers/Physicists (laser engineers for 10PW lasers; control systems; contamination control; particle accelerators; mechanics; optics; electronic; vacuum R&D) and Technicians (vacuum systems-laser operations; vacuum R&D; detectors, DAQ and control systems)



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