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FROM THE JOURNAL SCIENCE  AAAS

Head of the Division of Large Research Facilities

at the Paul Scherrer Institute (PSI)

and

Professor of Particle Accelerator Physics

at the Ecole Polytechnique Fédérale de Lausanne (EPFL)

PSI is a large center for multi-disciplinary research and one of the world's leading user laboratories. It develops and operates large accelerator-driven research infrastructures requiring exceptionally high standards of know-how and experience. With its 2100 employees it is an autonomous institution of the Swiss ETH domain.

EPFL is a leading university with strong emphasis on basic, engineering and life sciences. Research and teaching within its School of Basic Sciences includes high-energy physics, particle accelerator physics and plasma physics.

Together, we are seeking to appoint a dynamic person with strategic thinking, jointly as Head of the Division for Large Research Facilities at PSI and as tenured Professor of Particle Accelerator Physics at EPFL. This is a full-time position.

The Challenge

As Head of the Division for Large Research Facilities you will provide vision and leadership in technical, scientific and management aspects of all accelerator-based facilities at PSI, such as the SINQ neutron source, the Swiss Light Source (SLS), the SpS muon source, and the X-ray free electron laser SwissFEL. This division ensures the operation and future development of these facilities, which serve a large user community and Switzerland's sole Center for Proton Therapy.

As Professor of Particle Accelerator Physics, you will lead the EPFL participation in the Swiss Accelerator Research and Technology (CHART) collaboration between major Swiss institutions and CERN, develop your own CHART-related research activity at EPFL, direct PhD students in their research, and promote collaboration in your field with other laboratories and centers at EPFL. You will also provide teaching in the field of particle accelerator science at Master and graduate levels.

With its Large Hadron Collider, CERN is the world-leading research laboratory providing accelerator infrastructure at the energy frontier. CHART has ambitious R&D plans for the technical design of CERN's Future Circular Collider (FCC) in the next five years (2019–2023), which will further foster synergies between CERN, EPFL and PSI towards a strategically important and vigorous R&D program in accelerator science and technology. CHART is hosted by PSI.

For this position we are seeking a scientist of international standing, with proven records of scientific and technological achievements in the field of particle accelerators. Leadership capabilities as well as a strong interest for teaching and education are essential requirements.

Applications including a motivation letter, a curriculum vitae with a list of research outputs, a statement of research (max. 3 pages) and teaching interests (max. 1 page), as well as the contact information of at least five references, should be submitted in PDF format, by **31 March 2019** via

<https://facultyrecruiting.epfl.ch/position/17104896>

Enquiries may be addressed to:

Dr. Thierry Strässle, Director PSI a.i., Chair of the Search Committee
e-mail: thierry.straessle@psi.ch

Or to:

Prof. Harald Brune, Director of the Institute of Physics
e-mail: iphysdirector@epfl.ch

Additional information is available at www.psi.ch, www.epfl.ch, sb.epfl.ch, iphys.epfl.ch

EPFL and PSI are equal opportunity employers, they are committed to increasing the diversity of their members. Women are strongly encouraged to apply.



The University of North Dakota (UND), the state's flagship research university, is launching the President's Computational Research Initiative (PCRI), a major investment aimed at driving research success across the university, propelling UND to Carnegie R1 status and further advancing the positive impact the university and its industry partners have on North Dakota, the country, and the world. (UND.edu/research)

Following a multi-million dollar upgrade of its computational infrastructure, UND is now recruiting a cluster of senior and early career research-intensive computational faculty who will help significantly enhance research across the university, particularly in UND's research Grand Challenges - energy, health, rural communities and Unmanned Aircraft Systems (UAS). (UND.edu/grandchallenges)

The Faculty Cluster

In addition to robust computational infrastructure and financial investment, cutting edge research in UND's Grand Challenges requires talented faculty. For this reason the institution is striving to recruit a unified and highly collaborative group of research-intensive faculty who will lead computational research at UND, and drive research success across the university. UND anticipates that members of the cluster will individually and collectively work with colleagues across the university in order to help realize a significant enhancement in activity in all areas of research, but particularly in the Grand Challenges. With the addition of computational capabilities in Big Data, Machine Learning, Deep Learning, Artificial Intelligence and related fields, these areas are poised for significant growth.

At the senior faculty level, a long and distinguished record of funded research is necessary, while junior faculty in the cluster will have demonstrated promise for significant research funding. Recognizing the critical importance of this research to UND and the high expectations for research performance, PCRI faculty will receive highly competitive compensation and start-up resources with limited teaching and service responsibilities.

UND'S Global Leadership

The faculty cluster, housed in the UND College of Engineering and Mines, will pursue Big Data research in support of all our Grand Challenges and comprise a significant focus for the university's research. As a result of UND's acclaimed global leadership, and private sector partnerships in UAS, autonomous systems, energy and rural health, computational researchers will find many collaborative opportunities and will drive even greater success in these areas.

For inquiries, applications, and nominations, please contact:

Lisa J. Marks, Senior Partner
Leyla Kayi, Senior Search Consultant
ResearchFaculty@WhelessPartners.com

UND is the flagship research university and chief opportunity engine for North Dakota and is among the nation's premier public research universities. UND's liberal arts foundation combines with medicine, nursing, law, engineering, aerospace and business programs to provide a wide range of educational and research opportunities for students and faculty.

UND is an AA/EOE/ ND Vet's Preference Employer.

POSITIONS OPEN



The Department of Psychiatry and the Center for Women's Mood Disorders at the University of North Carolina at Chapel Hill invite applications for a **tenure-track faculty position**. Applicants should have an M.D., D.O. or M.D./Ph.D. degree. Fellowship training in women's mood disorders is preferred. Applicants should apply online at website: <http://unc.peopleadmin.com/postings/146867>. *The University of North Carolina at Chapel Hill is an Equal Opportunity and Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or status as a protected veteran.*

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Immunology
UNIVERSITY OF TORONTO

Assistant Professor - Tenure Stream - 1900400

The Department of Immunology in the Faculty of Medicine at the University of Toronto invites applications for a full-time tenure stream position in the area of Immunology. The appointment will be at the rank of Assistant Professor and will commence on January 1, 2020 or thereafter.

Applicants must have earned a PhD degree in Immunology or a related area, with postdoctoral experience and a demonstrated record of excellence in research and teaching. We seek candidates whose research and teaching interests complement and strengthen our existing departmental strengths. The successful candidate will be expected to pursue innovative and independent research at the highest international level and to establish an outstanding, competitive, and externally funded research program.

All qualified candidates are invited to apply online by clicking the link below. Applicants must submit a cover letter; a current curriculum vitae; a research statement outlining current and future research interests; up to three sample publications; and, a teaching dossier. Applicants must also arrange to have three letters of reference sent directly by the referee via email (on letterhead and signed) to immunology.search@utoronto.ca by the closing date.

If you have any questions about this position, please contact Ms. Leah Edwards at chair.immunology@utoronto.ca. All application materials, including reference letters, must be received by **April 15, 2019**.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons/ persons of colour, women, Indigenous/Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas. As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see <http://uoft.me/UP>. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

For full details and to apply online, please visit:
<http://uoft.me/academicopportunities> Job# 1900400.

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