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**UConn**  
UNIVERSITY OF CONNECTICUT

**Full/Associate Professor,  
Materials Science and  
Engineering**

The School of Engineering (SOE) and the Institute of Materials Science (IMS) at the University of Connecticut (UConn) seek qualified candidates for a senior faculty position (Professor or Associate Professor) in the Department of Materials Science and Engineering (MSE). While eminent scholars in any area of MSE are encouraged to apply, the MSE Department is particularly interested in broadening its research portfolio in the area of advanced materials synthesis for energy applications. For details and to apply, visit <https://academicjobsonline.org/aj/jobs/8318>, Search # 2017133.

UConn is an AA/EEO employer.

**VANDERBILT UNIVERSITY**

**FACULTY POSITION**

**Experimental Nanoscience and Condensed Matter Physics  
Department of Physics and Astronomy and the Vanderbilt Institute of Nanoscale Science and Engineering**

The Vanderbilt Institute of Nanoscale Science and Engineering (VINSE) ([www.vanderbilt.edu/vinse](http://www.vanderbilt.edu/vinse)) in conjunction with the Department of Physics and Astronomy ([www.vanderbilt.edu/physics](http://www.vanderbilt.edu/physics)) plans to appoint an exceptional mid-career or senior experimentalist in the Department of Physics and Astronomy. Applicants to be considered should have established a vigorous research program at the intersection of nanoscience and condensed matter physics in areas such as nanophotonics, optoelectronics, exotic materials, applied spectroscopies, and microscopies. Candidates should also have a demonstrated record of success in the classroom and of including both graduate and undergraduate students in laboratory research.

VINSE actively supports interdisciplinary nanoscience activities and recently constructed a new, state-of-the-art cleanroom and high end instrumentation suite. Vanderbilt stands at fifteenth in the *US News* and *World Report* ranking of major national universities. Its park-like campus is situated at the west edge of downtown Nashville, recently named the "It City" by the *New York Times*. The University actively fosters the well-being of students, faculty, and staff and is welcoming to members of underrepresented groups.

Applications, including curriculum vitae, list of research publications, concise statement of current/future research interests, and teaching statement, should be sent electronically to <https://academicjobsonline.org/aj/jobs/8150>. Review of applications will begin November 1st and continue until the position is filled.

Vanderbilt University is an equal employment opportunity/affirmative action employer. Women and minority candidates are encouraged to apply.



香港中文大學  
The Chinese University of Hong Kong

Applications are invited for:-

**Department of Physics  
Research Assistant Professor  
(Ref. 160001PW)**

The Department invites applications for a Research Assistant Professorship in experimental quantum physics/materials.

Applicants should have (i) a PhD degree in physics, chemistry or materials science; and (ii) experimental research experience in at least one of the following fields:

- quantum sensing
- microscopy and manipulation of nano-objects
- magnetic resonance spectroscopy
- optical spectroscopy of nanomaterials

The appointee will (a) work closely with faculty members in research on quantum sensing based on diamond and related materials using optically detected magnetic resonance; (b) demonstrate a strong record of research accomplishments, potential for establishing externally funded research programmes; and (c) undertake light teaching duties at undergraduate and postgraduate levels. Information about relevant research in the Department is available at: <http://www.phy.cuhk.edu.hk>.

Appointment will initially be made on contract basis for up to three years commencing as soon as possible, renewable subject to mutual agreement.

Applications will be accepted until the post is filled.

**Application Procedure**

Applicants should upload a full resume, a brief research statement (not longer than three pages), copies of academic credentials, a publication list and/or abstracts of selected published papers when submitting an application for the post.

The University only accepts and considers applications submitted online for the post above. For more information and to apply online, please visit <http://career.cuhk.edu.hk>.



## Assistant/Associate Professor

Polymer Engineering (Polymer Rheology)



The Department of Polymer Engineering at The University of Akron is seeking applications for a tenure-track position at the assistant or associate professor level, with a preference for candidates with research interests in experimental and/or computational rheology of polymers and complex fluids.

The University of Akron has a world class program in polymer science and polymer engineering with a long history in polymers dating back to 1909. The Department of Polymer Engineering currently has 13 full time faculty and 149 full time and part time graduate students.

Applicants must have an earned PhD degree in polymer engineering, chemical engineering, mechanical engineering, materials science, physics, or a related discipline. Postdoctoral experience will be given favorable consideration. Other desired attributes are strong communication skills, commitment to collegiality, and enthusiasm for collaborative research. In addition to establishing an internationally recognized, externally funded research program, the successful applicant will be expected to direct graduate student research, teach graduate and undergraduate classes, and contribute to the functioning of the department, college, and university through service on committees and participation in departmental activities.

For complete details and to apply, please visit [www.uakron.edu/jobs](http://www.uakron.edu/jobs). Job #9282.

Be prepared to upload a cover letter, curriculum vitae with list of publications, documentation of prior research support (if applicable), detailed research and teaching plans, and the names and contact information of at least three professional references.

*The University of Akron is an equal education and employment institution. It is the policy of this institution that there shall be no unlawful discrimination against any individual in employment or in its programs or activities at The University of Akron because of race, color, religion, sex, age, national or ethnic origin, sexual orientation, gender identity, disability, genetic information, military status or status as a veteran. The University is also committed to the principles of affirmative action and acts in accordance with state and federal laws.*



The Fraunhofer-Gesellschaft and the Technische Universität Darmstadt invite applications for a



### Full Professorship (W3) for Materials Engineering and Resource Management at the Technische Universität Darmstadt

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### Leader of the Fraunhofer Project Group for Materials Recycling and Resource Strategies IWKS in Alzenau (Bavaria) and Hanau (Hessia)

The long-term successful collaboration of the Technische Universität Darmstadt and the Fraunhofer-Gesellschaft in several areas of research is due to be extended in the Department of Materials and Geo Sciences with a focus on "Materials and Resource Management". The professorship is therefore linked to the leadership of the Fraunhofer project group IWKS.

The project group IWKS engages in sustainable resource strategies, the implementation of economic recycling concepts, and the substitution of critical resources for the circulation of functional materials.

You competently cover the aforementioned main topics in research and teaching. You represent them in research and technology management towards research patrons and research partners and expands the strategic connection between the university and the project group. The collaboration with scientifically adjacent university departments is desired. As an appropriate forerun, the professorship is expected to provide the basic insights in close connection to the applied research subjects of the project group.

Your tasks include the advancement of the project group's scientific profile with the objective to transform it into a separate Fraunhofer institute that you will lead.

You are scientifically established in the areas of materials science and engineering, process technology, or technical engineering. You have long-term experience in the leadership of large interdisciplinary research groups. You are experienced in the strategical planning, acquisition, and implementation of large-volume national and international research and development projects in diverse operating areas. You are competent in the efficiency enhancement of development processes and in the utilization of technology.

International working and teaching experience and/or experience with international projects and interconnectedness in the politics of science are advantageous.

Prerequisites for employment are a completed university education, pedagogical aptitude, a Ph.D. and a habilitation or the proof of equivalent scientific accomplishments.

The position is tenured with a remuneration package commensurate with experience and qualifications, following the German "W-Besoldung" and subject to negotiations between the applicant and the university directorate. The regulations for employment are specified under §§ 61 and 62 HHG (Hessisches Hochschulgesetz).

The Technische Universität Darmstadt is certified as a family-friendly university and offers a dual career program. The Technische Universität Darmstadt and the Fraunhofer-Gesellschaft intend to increase the number of female faculty members and encourage female candidates to apply. In case of equal qualifications applicants with a degree of disability of at least 50 or equal will be given preference.

Applications along with usual supporting documents (Curriculum vitae, lists of publications and taught courses, certificates about academic exams and appointments) should be received until **January 15th 2017** by both

President of the Fraunhofer-Gesellschaft, Prof. Dr.-Ing. habil. Prof. E.h. Dr.-Ing. E.h. mult. Dr. h.c. Reimund Neugebauer, Postfach 200733, D-80007 Munchen, Germany and President of the Technische Universität Darmstadt, Prof. Dr. Hans Jürgen Prömel, Karolinenplatz 5, D-64289 Darmstadt, Germany



香港城市大學  
City University of Hong Kong

專業 創新 胸懷全球  
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For The World

55<sup>th</sup> World University

4<sup>th</sup> World's top 50 Universities under age 50

1<sup>st</sup> Engineering/Technology/Computer Sciences in Hong Kong

2<sup>nd</sup> Business School in Asia



### Worldwide Search for Talent

**City University of Hong Kong** is a dynamic, fast-growing university that is pursuing excellence in research and professional education. As a publicly-funded institution, the University is committed to nurturing and developing students' talents and creating applicable knowledge to support social and economic advancement. The University has seven Colleges/Schools. As part of its pursuit of excellence, the University aims to recruit **outstanding scholars** from all over the world in various disciplines, including **business, creative media, energy, engineering, environment, humanities, law, science, social sciences, veterinary sciences** and other strategic growth areas.

Applications and nominations are invited for:

### Chair Professor/Professor/Associate Professor/Assistant Professor Department of Physics and Materials Science [Ref. A/224/23]

The Department of Physics and Materials Science was formed in 1993 as the first of its kind in Hong Kong. The Department currently employs 30 faculty members, and has internationally recognized expertise in several areas of applied physics and materials science, including nanostructured materials, thin film and coatings, materials theory, and advanced characterizations. Further information about the Department can be found at <http://www.ap.cityu.edu.hk>.

Applications are sought in broad areas of physics, materials science, and materials engineering. The appointment will normally be made at the Assistant Professor level, while higher level appointments will also be considered depending on the qualifications of the candidates.

**Duties** : Teach undergraduate and postgraduate courses, conduct cutting edge research, and develop new research directions and courses.

**Requirements** : A PhD in Physics/Materials Science or related disciplines with a strong research record and promising teaching ability.

#### Salary and Conditions of Service

Remuneration package will be driven by market competitiveness and individual performance. Excellent fringe benefits include gratuity, leave, medical and dental schemes, and relocation assistance (where applicable). Initial appointment will be made on a fixed-term contract.

#### Information and Application

Information on the posts and the University is available at <http://www.cityu.edu.hk>, or from the Human Resources Office, City University of Hong Kong, Tat Chee Avenue, Kowloon Tong, Hong Kong [Email : [hrojjob@cityu.edu.hk](mailto:hrojjob@cityu.edu.hk)/Fax : (852) 2788 1154 or (852) 3442 0311]. Further information can be obtained from the Head of Department of Physics and Materials Science [Email : [ahead@cityu.edu.hk](mailto:ahead@cityu.edu.hk)].

To apply, please submit an online application at <http://jobs.cityu.edu.hk>, and include a current curriculum vitae with a concise statement of research interests and teaching philosophy (up to 2 pages each). Nominations can be sent directly to the Human Resources Office. **Applications and nominations will receive full consideration until the positions are filled.** Only shortlisted applicants will be contacted; and those shortlisted for the post of Assistant Professor will be requested to arrange for at least 3 reference reports sent directly by the referees to the Department, specifying the position applied for. The University's privacy policy is available on the homepage.

*City University of Hong Kong is an equal opportunity employer and we are committed to the principle of diversity. Personal data provided by applicants will be used for recruitment and other employment-related purposes.*

*Worldwide recognition ranking 55th, and 4th among top 50 universities under age 50 (QS survey 2016); 1st in Engineering/Technology/Computer Sciences in Hong Kong (Shanghai Jiao Tong University survey 2016); and 2nd Business School in Asia-Pacific region (UT Dallas survey 2015).*