



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>.

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

ARL Distinguished Postdoctoral Fellowship

The Army Research Laboratory (ARL) Distinguished Postdoctoral Fellowship provides opportunities to pursue independent research that supports the mission of ARL. The Fellow benefits by having the opportunity to work alongside some of the nation's best scientists and engineers. ARL benefits by the expected transfer of new science and technology that enhances the capabilities of the U.S. Army and the warfighter in times of both peace and war.

We invite extraordinary young researchers to participate in this excitement as ARL Distinguished Postdoctoral Fellows. These Fellows must display exceptional abilities in scientific research, and show clear promise of becoming outstanding future leaders. Candidates are expected to have already tackled successfully a major scientific or engineering problem, or have provided a new approach or insight, as evidenced by a recognized impact in their field. ARL offers four named Fellowships, honoring distinguished researchers and work that has been performed at ARL.

The ARL Distinguished Postdoctoral Fellowships are three-year appointments, beginning on October 1 of each year. The annual stipend is \$100,000, and the award includes benefits and potential additional funding for the chosen proposal. A PhD degree awarded within the past three years at the time of application is required. For more information and to apply, go to www.nas.edu/arl.

Applications must be received by **May 1, 2017**.



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RESEARCH POSITION

International Center for Young Scientists National Institute for Materials Science (NIMS)

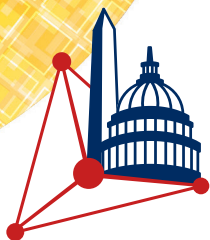
The International Center for Young Scientists (ICYS) of the National Institute for Materials Science (NIMS) is now seeking a few researchers. Successful applicants are expected to pursue innovative research on broad aspects of materials science using the most advanced facilities in NIMS (<http://www.nims.go.jp/eng/index.html>).

In the ICYS, we offer a special environment that enables young scientists to work independently based on their own ideas and initiatives. All management and scientific discussions will be conducted in English. An annual salary, approximately 5.35 million yen (level of 2016), will be offered depending on qualifications and experience. An additional research grant of 2 million yen per year will be supplied to each ICYS researcher. The initial contract term is two years and may be extended by one more year depending on the person's performance.

All applicants must have obtained a PhD degree within the last ten years. Applicants should submit an application form, including a research proposal to be conducted during the ICYS tenure, CV Header, CV with list of publications and patents (be sure to attach the header), list of DOI of journal publications following our instruction, and reprints of three significant publications, to the ICYS Recruitment Desk by **March 30, 2017 JST**. The application form and CV header can be downloaded from our website. For more details, please visit our website at:

ICYS Recruitment Desk
National Institute for Materials Science
<http://www.nims.go.jp/icys/recruitment/index.html>





ICSCRM 2017

International Conference on Silicon Carbide and Related Materials

Washington, DC | September 17–22, 2017

CALL FOR PAPERS

ABSTRACT DEADLINE: APRIL 28, 2017

The **2017 International Conference on Silicon Carbide and Related Materials (ICSCRM 2017)** is the premier biennial meeting covering all aspects of the latest SiC research and development. Scientists, engineers and students in the SiC field will gain insights into how challenges and advances in one subfield motivate research in other subfields through a combination of tutorials, industrial talks and presentations of the latest research and development from the SiC community.

The Conference theme—From Niche to Mainstream—will provide existing practitioners, as well as those transitioning to the field, with a technical program that identifies materials and device challenges, describes novel device and materials approaches and discusses applications that are driving the advancement of SiC technology.

Held September 17–22, 2017 in Washington, DC, at the Wardman Park Marriott, the Conference continues its traditional rotation among Asia, Europe and the US.

SCIENTIFIC PROGRAM

The six-day Conference will feature oral and poster presentations, as well as tutorials covering the following topical areas:

- Bulk and Epitaxial Growth
- Defects, Materials Studies and Characterization
- Processing and Manufacturing
- Power Devices, Circuits and Applications
- Novel Devices and Concepts, Emerging Materials

CONFERENCE VENUE

Washington, DC, the capital of the United States, is one of the world's cultural, government and historic epicenters. A renowned tourist destination, the city boasts world-class museums, art galleries, monuments, and historical sites. You'll have a special opportunity to explore the famous Air and Space Museum, as it is the site of this year's Conference Banquet. But you may want to make room in your travel schedule to visit other popular DC landmarks, especially Wednesday afternoon, which will be free of sessions. For example, admission to the Smithsonian Museums—over 19 museums and galleries—is free and includes exhibits ranging from a 3.5 billion-year-old fossil to the Apollo Lunar Landing Module. Other leading DC attractions include: the national monuments and memorials, such as the Washington Monument and the Lincoln Memorial; the White House and the Capitol; Georgetown, a shopping and dining paradise located on DC's historic waterfront; live theatrical productions at the John F. Kennedy Center for Performing Arts; and so much more. The unique blend of architecture, history and cultural diversity adds up to one ideal conference and vacation destination. So save the dates, September 17–22, and plan to attend ICSCRM 2017 in Washington, DC!

www.mrs.org/icscrm-2017

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