

February 05, 2017

**Materials Science and Engineering Professor Chowdhury Organizes Conference**

Dr. Sugata Chowdhury, a professor in the Materials Science and Engineering Program at The Catholic University of America, is one of the co-organizers of the Physical Electronics Conference (PEC) 2017 in Portland, OR USA. The PEC has been held on university campuses and at research labs around North America for more than 50 years. This topical conference provides a yearly forum for the dissemination and discussion of novel and fundamental theoretical and experimental research in the physics, chemistry, biology, and engineering of surfaces and interfaces. Presentations of PhD thesis research, made by young contestants will be consider for the prestigious Nottingham prize (\$1,500). This is the first time papers presented at the 77<sup>th</sup> PEC 2017 shall be submitted for publication in the Jan/Feb JVST B 2018 issue of the Journal of Vacuum Science and Technology B (JVST-B). The papers will be peer reviewed. The conference details are provided next.



[physelectronics.com](http://physelectronics.com)

On behalf of the organizing committee, we invite you to join us in Portland, OR USA for Physical Electronics Conference (PEC) 2017. The PEC has been held on university campuses and at research labs around North America over 50 years. This topical conference provides a yearly forum for the dissemination and discussion of novel and fundamental theoretical and experimental research in the physics, chemistry, biology, and engineering of surfaces and interfaces. Presentations of PhD thesis research, made by young contestants for the prestigious Nottingham prize (\$1,500), are highlighted. Representative topics include electronic, chemical, magnetic, and structural properties of surfaces and interfaces; energetics, kinetics, and dynamics of physical, chemical, and biological transformations; electron correlation at surfaces and interfaces; interactions of biological materials; mechanisms of film growth, interface evolution, and reduced dimensionality; and processes of energy, electron, ion, and molecular transfer at surfaces and interfaces.

**Registration Deadline—March 31<sup>st</sup>, 2017**

**Abstract Submission Deadline – May 1<sup>st</sup>, 2017**

**Manuscripts Deadline—September 1<sup>st</sup>, 2017**

**Submit an abstract:** Attach and send the abstract to [zhiqiang@pdx.edu](mailto:zhiqiang@pdx.edu) using PEC2017 Abstract for the email subject line. More info at [physelectronics.com/submit-an-abstract/](http://physelectronics.com/submit-an-abstract/)

**Conference Venue** - University Place Hotel and Conference Center, Portland OR

**Conference Dates** – June 27-29, 2017.

Papers presented at the 77<sup>th</sup> PEC 2017 shall be submitted for publication in the Jan/Feb JVST B 2018 issue of the Journal of Vacuum Science and Technology B (JVST-B). The papers will be peer reviewed. Accepted papers appear online immediately after proof processing.

We look forward to seeing in the beautiful Summer of Portland, Oregon!