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## The Research Related to Nanomaterial Cold Cathode

Guest Editor:

#### Prof. Dr. Jun Chen

School of Electronics and Information Technology, Sun Yatsen University, Guangzhou 510006, China

Deadline for manuscript submissions:

closed (15 January 2023)

# Message from the Guest Editor

Dear Colleagues,

Nanomaterial cold cathodes have potential applications in various vacuum microelectronic devices, including microwave tubes, X-ray sources, detectors, and energy-conversion devices. This Special Issue aims to encourage researchers to submit reviews or original articles related to the research studies related to field emission from 1-D or 2-D nanomaterials and its applications as cold cathode in devices. The scope of the Special Issue includes: 1) Preparation of 1-D and 2-D nanomaterials for field emission cold cathode application; 2) Field electron emission properties of nanomaterials; 3) Application of nanomaterials as cold cathode in vacuum nanoelectronic or optoelectronic devices. See more information in

https://www.mdpi.com/si/76886

Prof. Dr. Jun Chen *Guest Editor* 











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### **Editor-in-Chief**

#### Prof. Dr. Shirley Chiang

Department of Physics, University of California Davis, One Shields Avenue, Davis, CA 95616-5270, USA

# **Message from the Editor-in-Chief**

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