CALL FOR PAPERS

Journal of Nanoelectronics and Optoelectronics (www.aspbs.com/jno)
(American Scientific Publishers)

A Special Issue on
“Measurement and Analysis of Power Equipment Based on Nano and Opto Technology”

More and more nanomaterials has been used in power equipment insulation system, such as nano insulating oil, nano insulating paper, nano epoxy insulating materials, etc. Nanomaterials are the most active field in the research of insulating materials currently. In addition, the condition measurement technology of power equipment based on nano and opto technology has also been rapidly developed. Infrared, ultraviolet, photoacoustic spectroscopy, optical detection and other related technologies have been widely used in this field. Recent years have shown outstanding developments in measurement and analysis of power equipment based on nano and opto technology. It is necessary to further promote new developments and to review latest progresses in this field.

This special issue aims to focus on recent developments in measurement and analysis of power equipment based on nano and opto technology. We invite submissions of

(i) Review articles  
(ii) Research Articles  
(iii) Communications/ Letters

The topics covered in this special issue will be (but not limited to):

- Analysis of physical and chemical properties of nano-insulating materials  
- Analysis of insulating properties of nano-insulating materials  
- Nano-insulating materials and application in power equipment  
- Nano and opto sensors  
- Measurement of power equipment based on nano and opto technology  
- Condition assessment of power equipment  
- Theoretical modelling of measurement  
- Economic benefit analysis of nano and opto measurement

ABOUT Journal of Nanoelectronics and Optoelectronics

JNO is an interdisciplinary peer-reviewed journal consolidating research activities in all experimental and theoretical aspects of advanced materials in the fields of science, engineering and medicine including synthesis, fabrication, processing, spectroscopic characterization, physical properties, and applications of all kinds of inorganic and organic materials, metals,
Manuscript Submission:
All manuscripts must be 100% original and unpublished which should be prepared according to the Journal’s guidelines, available at http://www.aspbs.com/JNO/. Submit your manuscripts in MS word and PDF format online to www.mstracker.com or via email to one of the guest editors. In the cover letter, please mention that the manuscript is submitted for the special issue. All papers submitted to this issue will be subjected to a strict peer review process to ensure high quality articles. Mention the name of three potential referees with their contact address and designation in the cover letter. Authors should submit a statement of novelty and originality in the cover letter to ensure that that the submitted paper is original and it is neither published nor submitted to any other journal presently and will not be submitted somewhere else before a final decision is made by this journal. The earlier published articles or submitted for publications in other journals/conference proceedings will not be considered. The language of the manuscript is English. Please notify well in advance that all the accepted manuscripts should pay manuscript processing fee of 780 USD.

GUEST EDITORS

Lead Guest Editor:
Professor Dr. Junhao Li (junhaoli@xjtu.edu.cn)

Co-Guest Editors:
1. Dr. Xutao Han (xjtuhanxutao@qq.com)
2. Dr. Liang Zhang (lzhan104@utk.edu)
3. Dr. Hong Guo (guohong@nwu.edu.cn)
4. Dr. Minxia Shi (shiminxia@buaa.edu.cn)
5. Dr. Simeng Li (lisimeng@xjtu.edu.cn)

KEY DATES:
Manuscript due: September 01, 2021
Authors’ notification: Within 4-6 weeks from submission date
Publication date: Papers will be published regularly upon acceptance.