



Journal of Nanomaterials

Special Issue on
Synthesis and Application of Metal Nanowires

CALL FOR PAPERS

Metal nanomaterials are used as fundamental component in many devices, such as solar cell, sensor, touch screens, LED, disease diagnosis, drug delivery, and catalyst due to the particular properties based on unusual size and morphology. With the development of synthesis techniques and methods, various morphologies have been fabricated and applied in devices to achieve special performance. Among these, one-dimensional metal nanomaterials, such as nanorods and nanowires, have attracted much attention nowadays. Many methods have been developed to control the diameter and length of these nanowires; however, free-tailor of morphology remains a great challenge because several factors have influence on the growth process. Moreover, the application of metal nanowires represents also a new challenge during the fabrication devices.

This special issue aims to attract original research related to the field of nanomaterials, especially for the facile synthesis method on morphology control of one-dimensional metal nanostructures as well as relationship between morphology, properties, and performance. We invite submission of original research articles as well as review articles that will focus on design, synthesis, and the applications of metal nanomaterials in devices.

Potential topics include, but are not limited to:

- ▶ Synthesis and growth mechanism of one-dimensional metal nanomaterials
- ▶ Novel technique for controlling the morphology of one-dimensional metal nanomaterials
- ▶ Relationship between morphology and performance of one-dimensional metal nanomaterials
- ▶ Application of one-dimensional metal nanomaterials in devices

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jnm/samn/>.

Lead Guest Editor

Jinting Jiu, Osaka University, Osaka,
Japan
jiu@eco.sanken.osaka-u.ac.jp

Guest Editors

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University, Grenoble, France
jean-pierre.simonato@cea.fr

Peng He, Harbin Institute of
Technology, Harbin, China
hepeng@hit.edu.cn

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