

Tentative Outline
Special Issue for Recent Patents on Nanotechnology

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ADVANCES ON BUBBLE ELECTROSPINNING

Aims & Scope:

This theme issue aims at providing the audience with last development of the bubble electrospinning and its modifications for mass-production of various nanofibers, it focuses itself on theoretical and experimental investigation of the new spinning technology, and fabrication of functional nanofibers and applications. The main topics include:

- 1) Theoretical and experimental study of bubble dynamics
- 2) Theoretical and numerical study of nanoscale flow in the bubble electrospinning process
- 3) Last development of the bubble electrospinning for mass-production of nanofibers
- 4) Functional nanofibers and porous nanofibers
- 5) Applications of nanofibers

Keywords: Electrospinning, bubble electrospinning, bubbfil spinning, nanofiber, nanoscale flow, nano-effect (size effect), porous nanofibers, surface science, bubble dynamics.

Schedule:

Manuscript submission deadline: Oct. 1, 2018

Peer Review Due: Nov.1, 2018

Revision Due: Dec.30, 2018

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Final manuscripts due: Dec.30, 2018

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