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, bubofil spinning, nanofiber, nanoscale flow, nano-effect (size effect), porous nanofibers, surface science, bubble dynamics.

Schedule:

Manuscript submission deadline: March 1st, 2019
Peer Review Due: June 21st, 2019
Revision Due: September 30th, 2019
Notification of acceptance by the Guest Editor: December 4th, 2019
Final manuscripts due: December 24th, 2019
Final date of Submission of Special issue: January 30th, 2020