

SCOPE of the Workshop

Ist NIMS-EWHA Workshop on Advanced Functional Materials (NEWAM-10)

The main aim of the workshop is to bring together scientists active in the fields of Materials Science and Engineering, especially the nanomaterials dealing with optoelectronic, organic, porous, composite, sensor, catalytic and biomaterials, from both in EWHA and National Institute of Materials Science (Japan) and will provide an opportunity to share the knowledge and hear the developments on the above fields through presentation from both the countries on key research areas and challenges. The workshop will consist of four keynote lectures each from both the countries and more than 20 poster presentation from the students and post docs of both the countries in the field of materials science, and also research papers which are invited from researchers, scientists and technologists for presentation during the workshop. The abstract of the contributory papers will be delivered as abstract booklet at the time of workshop. The scope of the conference covers the fundamentals and technological aspects of various advanced materials and their industrial, biomedical, electronic and photonic applications. Topics to be discussed include, but are not limited to:

- Nanomaterials
- Nanostructured and nanoporous materials
- Thermoelectric materials
- Supramolecular materials
- Organic nanomaterials
- Fuel cell materials
- Nanoporous materials
- Sensor materials