



The 3rd International Symposium for Plasma Biosciences (ISPB 2013)

2nd International Symposium on Chemical & Biological Detection (ISCBD-2)

2nd International Symposium on Medical Diagnosis Using Bionano Sensor

June 27-29, 2013

Ramada Plaza Jeju Hotel, Jeju, Korea

<http://www.iffm2013.org>

Organized by:

- Chemical and Biological Detection Research Center at Sungkyunkwan University (SKKU)
- Pioneer Research Center for Nano-morphic Biological Energy Conversion and Storage at Gyeongsang National University (GNU)
- Plasma Bioscience Research Center (SRC) at Kwangwoon University
- Center for Integrated Human Sensing System (HSS-ERC), Hanyang University
- Korean Vacuum Society
- Korean Battery Society

Conference Chair: Prof. Jin-Hyo Boo (Sungkyunkwan University, Korea)

Conference Co-Chairs: Prof. Tae-hyun Nam (Gyeongsang National University, Korea)

Prof. Eun Ha Choi (Kwangwoon University, Korea)

Prof. Jaebum Choo (Hanyang University, Korea)

Secretary General: Prof. Chang Sik Song (Sungkyunkwan University, Korea)

Important Dates

April 30, 2013	Abstract submission deadline
May 20, 2013	Notification of Acceptance of Abstract
May 31, 2013	Early Registration Deadline
May 31, 2013	Accommodation/Airline/Tour Reservation Deadline
June 10, 2013	Final Program Announcement
June 30, 2013	Paper Submission Deadline

IFFM 2013 Topics

1. Functional Materials

- Photovoltaic & energy storage materials
- Electronic & semiconductor materials
- Opto-electronic & thermoelectric materials
- Ferroelectric and multiferroic materials
- Ferromagnetic & magneto-optical materials
- Organic and carbon-based nano-materials (Graphene, CNTs, DLC, etc.)
- Shape memory materials

2. Functional Thin Films and Coatings for Applications of

- Electronics & Displays
- Solar cell, fuel cell, battery
- Semiconductor & electronic devices
- Organic & inorganic materials devices
- Sensors (Chemical or Optical) and actuators

3. Science & Technology of Functional Materials

- Computational science of functional materials (Design and Modeling)
- Innovation in micro and thin solid batteries and application in data storage
- Processing technologies of nanostructures, and nano-tubes and rods
- Thin film science and technology
- Advanced powder & laser processings
- Application of functional materials in micro- and nano-technologies
- Properties and characterization of films and modified surfaces

4. Plasma Biosciences and Medicines

- Plasma Biosciences and Medicine
- Plasma Biomaterials and Films
- Nonthermal Bioplasma Sources and Diagnostics
- Plasma Bio-Nano Materials and Scaffolds

5. Bio- & Nano-functional Materials

- Chemical & Optical Sensors, Medical/Environmental Sensors
- Lab-on-a-Chip, MEMS & NEMS, Micro- & Nano-Fluidics
- Molecular Imaging, Drug & Gene Delivery
- Sensor Materials, Bio- & Nano-functional Materials
- Medical Diagnosis, Immunoanalysis, Molecular Diagnostics
- Biosensor, DNA/Protein Chips, Aptasensor

Conference Proceedings

All authors with accepted contributions to IFFM 2013 are invited to submit full papers to the Proceedings of IFFM 2013, which will be published as special issues in nominated international journals such as **Materials Research Bulletin** (IF=2.15), **Current Applied Physics** (IF=1.90), etc. after peer-reviewing.

Conference Registration Fees

Category	Regular	Student	Accompanying Person
Pre-registration (before May 31,2013)	US 400\$	US 250\$	US 50\$
On-site registration (after May 31,2013)	US 450\$	US 300\$	US 50\$

