

2nd Edition

SMS

Smart Materials and Surfaces

KOREA 2016

Conference

23 - 25 March, 2016 | Songdo Convensia, Incheon, Korea

Organizer



In Collaboration



Introduction

The **2nd Edition Smart Materials & Surfaces conference, SMS Korea 2016**, is a three-day event targeting researchers interested in the design, modification, characterization and applications of Novel Smart & Active Surfaces and Materials. It seeks to be a leading event in the area of smart materials, coatings, surfaces and structures in the world. The goal of conference is to provide a global platform for researchers and engineers coming from academia and industry and different regions of the world to present their research results and activities in the field of Intelligent Materials science and engineering. The conference will provide opportunities for the delegates to exchange face-to-face their novel ideas and experiences with the international experts during plenary & invited talks, oral presentations and posters sessions.

SMS Korea 2016 is to be held in parallel to [SURTECH KOREA Expo](#) as a joint event and will be held in the [SONGDO CONVENSIA](#), Incheon, Korea. Incheon is ranked in size as the 3rd city in Rep. of Korea. Incheon is the host of Incheon International Airport (ICN), the main airport serving Incheon and the capital Seoul. Getting to Seoul can take up 2 hours by subway. Please refer to the 'Conference Venue' section for further details.

SURTECH KOREA exhibitors are invited to join SMS KOREA 2016 as attendees, presenters or speakers. They are invited to submit their abstracts when they are looking to make poster or oral presentations.

Conference Topics

The SMS Korea 2016 conference topics include:

Smart Materials

- Material/coating design, formulation, processing and characterization, Design and Theory of Smart Surfaces, Interface and interaction science, Hierarchical structures and molecular-particle networks, New manufacturing technologies
- Novel nano and micro-devices, Composites and nanocomposites, Ceramics/Nanoceramics, Hybrid/ nanohybrid, Conducting and conjugated polymers, Electrochromic materials, Liquid crystals, Inorganic-organic hybrid
- Materials for Energy conversion and storage devices/systems (Photoconversion/ Renewable Energy/ Photovoltaic/ Fuel Cells and Solar Cells)
- Biomaterials, Electrochemistry, Catalyst materials, Piezoelectric, ferroelectric, electroactive, electromagnetic, self-healing, heating, sensing, etc. materials

Nanomaterials

- Nanoparticles, nanocrystals, colloids, sols, and quantum dots. Self-assemblies and directed assemblies of molecules and nanoparticles
- Thin Films, membranes, and coatings
- Nanotubes, nanowires, nanofibers, nanorods and nanobelts
- Nanostructured, Nanocomposites, Nanoporous, mesoporous and microporous materials
- Nanomaterials (atomic, molecular, and bulk) characterization techniques.

Characterization and Properties

Materials/ coatings Properties

- Functional materials and polymers
- Anti-microbial, superhydrophobic/ superhydrophilic, anti-dust, anti-dirt, anti-fouling, anti-fogging, self-healing, thermos-responsive, thermos-resistive, superconductive, bioinspired, biodegradable, resorbable, sponge type materials, reflective, etc

Sensing and actuation

- Sensors materials
- Spectroscopic, Electromagnetic, Acoustic, Chemical and mechanical sensing and actuation
- Sensor/actuator signal processing
- Compatibility of sensors and actuators with conventional and advanced materials
- Smart sensors for materials and composites processing.

Optics and electromagnetic

- Optical fiber technology
- Active and adaptive optical systems and components
- Tunable high-dielectric phase shifters
- Tunable surface control
- Laser processes
- MIMOs, MEMS and Liquid metal devices.

Applications

- Energy harvesting and storage
- MEMS and NEMS devices and applications
- Biomedical, Prosthetic and Implant Materials and Biosensors

- Micro- and nano-characterization of mechanical and electromechanical properties
- Damage, fatigue, aging, and fracture mechanics of smart devices •Design optimization
- Mechanics of nano-devices
- Continuum models for nonlinear multi-field coupled behavior
- Micromechanical and thermodynamical modeling approaches
- Nano-scale effects and atomistic modeling techniques
- Advanced mathematical methods, finite element formulations and implementation
- Modeling, Simulation and Control of Adaptive Systems
- Integrated System Design and Implementation
- Structural Health Monitoring
- Food and pharmaceutical packaging
- Automotive, aerospace, textile, construction, etc

Sessions Chairs

Below are some of the Sessions Chairs already confirmed their attendance (Please check the conference web site for updates)



Prof. Kwang S. Kim
Ulsan National Institute
of Science and
Technology, **Korea**



Prof. Elias Siores
Bolton University,
United Kingdom



Prof. Jin-Ho Choy
Ewha Womans
University, Seoul,
Korea



**Prof. Mohabattul
Zaman Bukhari**
Universiti Malaysia
Perlis, **Malaysia**

Plenary/Keynote/Invited Speakers

Below are some of the already confirmed Plenary/Keynote/Invited Speakers (Please check the conference web site for updates).



Prof. Kun-Hong Lee
Pohang University of
Science and
Technology, **Korea**



**Prof. Nicolas
Voelcker,**
University of South
Australia, Adelaide,
Australia



**Prof. Suresh Kumar
Bhargava**
RMIT University,
Melbourne, **Australia**



Prof. Luisa Torsi
University of Bari, **Italy**



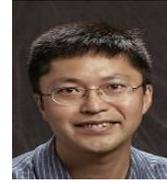
Prof. Jackie Ying
Institute of Bio-
engineering and
Nanotechnology,
Singapore



Prof. Joydeep Dutta
KTH Royal Institute of
Technology, **Sweden**



Prof. Terry Steele
Nanyang Technological
University, **Singapore**



Dr. Bingqing Wei
University of Delaware,
USA



Prof. Manish Kumar
Sungkyunkwan
University, **Korea**



**Prof. Suresh
Valiyaveetil**
National University of
Singapore, **Singapore**



Prof. Steve Bottle
Queensland University
of Technology,
Australia



**Prof. Hyun-Joong
Kim**
Seoul National
University, **Korea**

Exhibition Opportunities

Please refer to the [SURTECH KOREA 2016](#) for the exhibition details.

Sponsorship Opportunities

	DIAMOND	PLATINUM	GOLD	SILVER	BRONZE
	US\$10.000	US\$7000	US\$4500	US\$2500	US\$1500
Company Banner (Roll up) in the Plenary Sessions room	✓	✓	-	-	-
Logo, Company's short description and web link at SMS KOREA 2016 web site	✓	✓	✓	✓	✓
Company's logo in SMS KOREA 2016 Program / Abstracts Booklet	✓	✓	✓	✓	✓
Company's Description in SMS KOREA 2016 Program / Abstracts Booklet	✓	✓	✓	-	-
Advert in SMS KOREA 2016 Program / Abstracts Booklet	Full page color	½ page color	½ page color	½ page color	-
Speaking slot in the Conference (subject to approval of an Abstract by the scientific committee)	✓	✓	-	-	-
Exhibition Stand	10 m ²	8 m ²	6 m ²	4 m ²	-
Conference Passes included	3	2	1	1	1
Exhibition Passes included	4	3	2	1	-
Flyer insert in delegates bag	✓	✓	✓	-	-
Screening of corporate film during the event *	✓	✓	-	-	-

* Equipment at the charge of the sponsor

Common to all Sponsorship Packages:

- Sponsors Logo in SMS Korea 2016 web site with a link to the sponsor website.
- Free Registration for stand personnel as per sponsorship package.

Additional Sponsorship and Networking Opportunities

Printing Delegate bag **Fee: US\$ 3200**

- Printing of sponsor's mono colour logo of the size 50mmx50 mm on the delegate bag.
- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet.
- Listing of your logo company name, short description and link to your company website on the conference website.

Sponsor's logo mono colour on Lanyards: **Fee: US\$2000**

- Your company logo on the conference lanyard given to each delegate and worn throughout the conference.
- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet.
- Listing of your logo company name, short description and link to your company website on the conference website.

Opening ceremony: **Fee: US\$3500**

- Opportunity to give a short address at the opening ceremony.

- Your company standard Roll up banner positioned around the Reception area.
- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet.
- Listing of your logo company name, short description and link to your company website on the conference website.
- Delegate bag insert with flyer/brochure.
- 2 free delegate passes to SMS Korea 2016 and its concurrent events and activities.

Registration desk: Fee: US\$3000

- Your company standard Roll-up banner at the registration desk.
- Your promotional materials inserted into each delegate bag given to participants on site.
- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet.
- Listing of your logo company name, short description and link to your company website on the conference website.
- 2 free delegate passes to SMS Korea 2016 and its concurrent events and activities.

Conference lunch sponsoring: Fee: US\$4500

- Sponsorship of one of the Conference Lunches.
- Your company logo on paraphernalia (Ex napkins, doilies etc). Materials to be provided by the Sponsor.
- Your company details in a Roll-up banner where the lunch will be taking place.
- Opportunity to give a short address at the beginning of the lunch.
- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet.
- Listing of your logo company name, short description and link to your company website on the conference website.
- 2 free delegate passes to SMS Korea 2016 and its concurrent events and activities.

Conference Dinner Sponsoring: Fee: US\$9000

- An unrivalled opportunity to have high profile branding at the main social event of SMS Korea 2016.
- Your company logo on paraphernalia (Ex napkins, doilies etc.).
- A Table top exhibition display.
- Your company details in a Roll-up banner where the lunch will be taking place.
- Opportunity to give a short address at the beginning of the dinner.
- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet.
- Listing of your logo company name, short description and link to your company website on the conference website.
- 2 free delegate passes to SMS Korea 2016 and its concurrent events and activities.

Oral and Poster awards ceremony sponsoring: Fee: US\$4000

- Opportunity to give a short address at the beginning of the awards ceremony.
- Your company details in a Roll-up banner where the lunch will be taking place.
- Opportunity to give a short address at the beginning of the dinner.
- Delegate bag insert.
- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet,
- Listing of your logo company name, short description and link to your company website on the conference website.
- 2 free delegate passes to SMS Korea 2016

Delegate bag insert: Fee: US\$600

- Your promotional materials can be inserted into each delegate bag given to participants on site. This applies to light-weight materials only – books etc. will not be inserted into delegate bags
- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet,
- Listing of your logo company name, short description and link to your company website on the conference website.

Sponsor logo display in the conference web site: Fee: US\$300

- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet,
- Listing of your logo company name, short description and link to your company website on the conference website.

Gift items distribution: Fee: US\$500

- Sponsoring company to provide items.
- Listing of your company name and logo in the SMS Korea 2016 Program/Abstracts booklet,
- Listing of your logo company name, short description and link to your company website on the conference website.
- Sponsor's logo can appear on the sponsored item.

Pens and Note pads (Exclusive): Fee: US\$1000

Item provided by sponsor. Delivery costs at sponsor expenses, final quantity and shipping details to be confirmed.

Printing advertising

Advertisement published in final program/Abstract booklet in full page and colour

Back Cover	US\$3000
2 nd Cover (the page after of the front cover)	US\$2000
3 rd Cover (the page before the back cover)	US\$2000
Inside page	US\$1000

Contact details



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Fax: +33 1 48 72 88 98



info@setcor.org



www.setcor.org

SMS KOREA 2016

SPONSORS AND EXHIBITORS FORM

Please return this form, properly signed, by e-mail at info@setcor.org.

Order Confirmation

Please specify in below the chosen sponsorship/ Exhibition option(s):

	Option	Fees	Select your option
Sponsorship	<i>Diamond</i>	US\$ 10.000	<input type="checkbox"/>
	<i>Platinum</i>	US\$ 7.000	<input type="checkbox"/>
	<i>Gold</i>	US\$ 4500	<input type="checkbox"/>
	<i>Silver</i>	US\$ 2500	<input type="checkbox"/>
	<i>Bronze</i>	US\$ 1500	<input type="checkbox"/>
Additional Sponsorship and Networking Opportunities	<i>Printing on Delegate bag</i>	US\$ 3200	<input type="checkbox"/>
	<i>Sponsor's logo on Lanyards</i>	US\$ 2000	<input type="checkbox"/>
	<i>Opening Ceremony</i>	US\$ 3500	<input type="checkbox"/>
	<i>Registration Desk</i>	US\$ 3000	<input type="checkbox"/>
	<i>Delegation Bag Insert</i>	US\$ 600	<input type="checkbox"/>
	<i>One Lunch Sponsoring</i>	US\$ 4500	<input type="checkbox"/>
	<i>Conference Diner</i>	US\$ 9000	<input type="checkbox"/>
	<i>Oral/Poster Awards Ceremony</i>	US\$ 3000	<input type="checkbox"/>
	<i>Conference Website logo</i>	US\$ 300	<input type="checkbox"/>
	<i>Gift Items Distribution</i>	US\$ 500	<input type="checkbox"/>
<i>Pens and Note pads (Exclusive)</i>	US\$ 1000	<input type="checkbox"/>	
Printing advertising Options	<i>Back Cover</i>	US\$3000	<input type="checkbox"/>
	<i>2nd Cover</i>	US\$2000	<input type="checkbox"/>
	<i>3rd Cover</i>	US\$2000	<input type="checkbox"/>
	<i>Inside page</i>	US\$1000	<input type="checkbox"/>

Contact person

Name/surname _____ Phone _____ e-mail _____

Notes _____

Invoice Details

Sponsor/Exhibitor organization name _____

Invoice address _____

The invoice will be issued upon payment is received.

Payment

In order to confirm the chosen option, the amount for the sponsorship and/or the exhibition fee will have to be paid within 15 days from the signature of the present order form on the following bank account details:

Account Name:	SETCOR MEDIA FZ-LLC
IBAN:	AE11 0330 0000 1099 4577089
BIC/SWIFT:	BOMLAEAD
Bank Name:	Mashreq Bank psc – Dubai, United Arab Emirates
Payment reference:	Sponsorship SMS Korea 2016 – [add the Exhibitor/Sponsor name here]

Please send us a copy of the bank transfer by e-mail to info@setcor.org.

Signature

The Sponsor/Exhibitor hereby declares that it intends to take part to the International Conference and Exhibition on Nanotechnology – SETCOR SMS Korea 2016, accepting all terms and conditions the Sponsor is subordinated to, by signing this form, it agrees to abide by all the conditions contained in the above Sponsors and Exhibitions Rules.

Place & date _____

Signature of the legal representative & organization stamp
