INTERFINISH 2016
The 19th Interfinish World Congress & Exhibition
September 20-22, 2016
China National Convention Center · Beijing · China

www.interfinish2016.org

Supported by: International Union for Surface Finishing
Organized by: China Surface Engineering Association

Strategic Partners:
Interfinish is a serial conference organized by International Union for Surface Finishing (IUSF). The 19th Interfinish World Congress and Exhibition will be held on September 20–22, 2016 in Beijing, China, organized by China Surface Engineering Association (CSEA).

**Theme**
"Surface Science and Engineering for Industry in Future"

**Topics**

1. **Theoretical Research**
   - Corrosion
   - Tribology
   - Surface & Interface Science

2. **Surface Treatment Technologies**
   - Organic Coatings
   - Electroless Plating
   - Electroplating
   - Composites Plating
   - Anodizing
   - Thermal Spray
   - Conversion Coatings
   - Hot-dipping
   - Anti-rust Oil
   - Vacuum and Plasma Technologies
   - CVD/PVD
   - Surface Cleaning and Preparation
   - Photoetching
   - Powder Engineering
   - Nanotechnology in Surface Finishing
   - Composite Technologies
   - Sol-Gel Coatings

3. **Surface Technology Application in Industry**
   - Surface Technology in Energy Engineering
   - Surface Technology in Architectural Materials
   - Surface Technology in Transportation
   - Surface Technology in Electronics
   - Surface Technology in Biomedical Materials
   - Surface Technology in Chemical Engineering
   - Surface Analysis & Characterization

4. **Environment & Production Management**
   - Waste Water
   - Air Pollution
   - Solid Waste
   - Cleaner Production
   - Quality Management Systems

**Call for Abstracts and Papers**
Deadline for submission of abstracts: December 31, 2015
Deadline for submission of papers: April 30, 2016
Email: submit@interfinish2016.org

**Contact Information**
Email: info@interfinish2016.org
Tel/Fax: +86 10 8223 7151
Contact person: 
Ms. WANG Meng
Dr. XIAO Wei
Ms. Sharon SUN

**Organizers**
Supported by:
IUSF - International Union for Surface Finishing
Organized by:
CSEA - China Surface Engineering Association
Co-organizers
CSCP - Chinese Society for Corrosion and Protection
SAE China - Society of Automotive Engineers of China
CSEI - Surface Engineering Institution of Chinese Mechanical Engineering Society
EAST - The European Academy of Surface Technology
NASF - The National Association for Surface Finishing (US)
DGO - German Society for Electroplating and Surface Engineering
AIFM - Italy Metal Finishing Society
KISE - The Korean Institute of Surface Engineering
KPIC - Korea Plating Industry Cooperative
SFSJ - The Surface Finishing Society of Japan
SSEA - Singapore Surface Engineering Association
Nanoaerosol Laboratory, Novosibirsk Technical University (Russia)
ABTS - The Brazilian Association for Surface Finishing
AMAS - The Mexican Association of Surface Finishing Industries
HKSFS - Hong Kong Surface Finishing Society

**Registration Fee**

<table>
<thead>
<tr>
<th>Date</th>
<th>Regular participant</th>
<th>Student/Spouse of participant</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Abroad</td>
<td>Domestic</td>
</tr>
<tr>
<td>Early bird – Before June 30, 2016</td>
<td>$550</td>
<td>¥2500</td>
</tr>
<tr>
<td>On-site &amp; After June 30, 2016</td>
<td>$650</td>
<td>¥3000</td>
</tr>
</tbody>
</table>
Invited Speakers

Christofer Leygraf, Prof.
Professor of KTH Royal Institute of Technology
Member of the Royal Swedish Academy of Engineering Sciences

**Topics: Atmospheric corrosion**

Christofer Leygraf obtained PhD in Solid State Physics at KTH. Together with co-workers he has built up a systematic theory on atmospheric corrosion which is probably the most common, costly and complex form of corrosion. The results were summarized in a book entitled Atmospheric Corrosion (John Wiley & Sons, 2000), together with professor Tom Graedel from US.

Professor Leygraf’s persistent scientific and teaching efforts in Corrosion Science over decades have resulted in several international awards and distinctions including the 2013 European Corrosion Medal, the 2009 U.R. Evans Award (UK), the 2007 Willis Rodney Whitney Award (NACE, USA) and the 2003 Herbert Uhlig Award (Electrochemical Society, USA). Professor Leygraf has published more than 300 papers in peer-review journals.

Federico Capasso, Prof.
Professor of Harvard University
Member of National Academy of Sciences (US), National Academy of Engineering (US)

**Topics: Applications of nanocoating technologies**

Federico Capasso received PhD of Physics, summa cum laude, from the University of Rome, Italy. He is now a Professor at Harvard School of Engineering and Applied Sciences, Fellow of Institute for Quantum Studies of Texas A&M University, Member of National Academy of Sciences (US), National Academy of Engineering (US), American Academy of Arts and Sciences, the European Academy of Sciences. He is a prominent applied physicist, one of the inventors of the quantum cascade laser. He has co-authored over 450 papers, edited four volumes of books, and holds over 60 US patents.

He and his collaborators made broad-based contributions to semiconductor devices, pioneering the design technique known as band-structure engineering. Since 1984, he has received more than 30 awards and medals in physics, electronic engineering, materials science etc. from the United States, Britain, France, Italy and other countries.

Luca Magagnin, PhD
Associate professor of Politecnico di Milano
Secretary General of International Union for Surface Finishing

**Topics: Electrochemical deposition processes for solar-cell applications**

Luca Magagnin, associate professor of Surface Engineering and Materials for Electronics at Politecnico di Milano, Milan (Italy). He holds a PhD in Electrochemical Engineering from Politecnico di Milano.

His main research areas include electrodeposition and electroless plating, surface science and engineering, corrosion, MEMS, novel functional materials and development, fabrication and testing of innovative and coatings. He is author or inventor of more than 70 publications (papers, patents, book chapters).

He is the recipient of Johnson Matthey Silver Medal 2013 from The Institute of Materials Finishing, Hans-Jürgen Engell Prize 2003 from International Society of Electrochemistry and 2003 A.B. Campbell Award from NACE. As an active ISE and ECS member (Electrodeposition division), he has been a leading co-organizer for many ISE and/or ECS meeting for Electrodeposition division. Since 2012 he has been the President of the Italian Association of Metal Finishing and after being Vice-president IUSF International Union of Surface Finishing (2010-2014), he is now serving as General Secretary of IUSF.
Soo-Wohn Lee received his PhD degree in materials engineering from the University of Illinois - Chicago in 1986. He then joined Sun Moon University as an assistant professor in 1993 and became a full professor in 2000. Currently he is serving the first vice president of the IUMRS (International Union of materials Research Society). Also he had served the president of Korea Institute of Surface Engineering in 2010.

His current research interests focus on microstructure design of Sialon Ceramics and applications on electroplating of nano - Ni - ceramic composites and graphene coatings with low friction coefficients. He had carried out the A3 foresight program among the Sun Moon University (Korea), the Nagaoka University of Technology (Japan) and the Wuhan University of Technology (China). Also he has been working the Global Research Laboratory (GRL) Program with the Osaka University since 2010.

He co-organized the first Korean - American international symposium on tribology in 1995 and served as secretariat for the second Korean - Japanese symposium on plasma-coating technology in 1997. He has organized the first, second, and third international symposia on Eco-materials design and processes (ISEPD) from 2000 to 2015.

Mr. Ma Jie
Secretary General of China Surface Engineering Association
President of International Union for Surface Finishing

Topic: Progress on industrial application of surface technology

Ma Jie, Secretary General of China Surface Engineering Association, participates in drafting up standards for electroplating industry clean production, regulations on electroplating industry enterprise pollution control and other national standard policy or regulation files. He is also participating and leading research projects in electroplating industry every year. He is one of the earliest advocates in the electroplating industry to carry out the cleaner production work and action. On behalf of the industry association, he participates in domestic, conferences, technical forums for many times, published more than 30 papers or reports.

The main research direction for Ma Jie is industry planning and management, policies, regulations and standards, clean production, heavy metal pollution prevention and control in surface treatment.

Paul K Chu received his PhD in chemistry from Cornell University (USA) in 1982. He is Chair Professor of Materials Engineering in City University of Hong Kong. He is the Chairman of the International Committee of Plasma-Based Ion Implantation and Deposition (PBI&D), a member of peer-reviewing committee of the IEEE Nuclear and Plasma Science Society and member of the Ion Implantation Technology (IIT) International Committee.

He is a guiding senior editor of IEEE Transactions on Plasma Science, associate editor of Materials Science and Engineering Reports, and an editorial board member of 8 international journals including Biomaterials, Advanced Materials Interfaces, and Surface & Coatings Technology. His research activities are quite diverse including plasma science and engineering, surface science and engineering, as well as functional materials. His publications got a citation over 27,000 times.

He is Fellow of the American Physical Society (APS), American Vacuum Society (AVS), Institute of Electrical and Electronic Engineers (IEEE), Materials Research Society (MRS), Hong Kong Academy of Engineering Sciences (HKAES), and HKIE (Hong Kong Institution of Engineers).
Committee

Chairboard

Honorary Chairmen:
SHEN Liechu    ZHA Quanxing    ZHONG Qunpeng
HOU Baorong    XU Binshi    Hee-Taek Yum (Korea)
Pietro Cavallotti (Italy)

Chairman: MA Jie
Executive Chairman: LIN An
Co-Chairmen: YUAN Hua    WANG Fuhui    CHEN Jianmin
HAN Enhou    Luca Magagnin (Italy)    Christian Richter (US)
Jun Liu (US)    Reinhard Schneider (Germany)
Walter Mittelholzer (Switzerland)    Stephen C. Lee (Hong Kong)

Vice Chairmen: LIN An    ZHU Liqun    XI Kewei    LI Xiaogang
WEI Zidong    TAO Weimin    WU Yong    CHENG Danhong
Clive Whittington (Hong Kong & Australia)    Hong Kee Lee (Korea)
Kam Chong Phoh (Singapore)    Kwangho Kim (Korea)
Osamu Takai (Japan)    Reiner Venz (Germany)

Secretary General: Danny Ko

Academic Committee

Director: LIN An
AN Maozhong    CAI Jianping    CHEN Changsheng    CHEN Dong
GONG Yunlan    GUO Zhongcheng    HAN Yong    HUANG Ling
LI Jiazhi    LI Zhe    LIN Zeng    LIU Rangzi    LIU Xiusheng
LIU Xuanying    LU Feng    LUO Enzhou    MA Shengli    MAO Zuguoy
MENG Huimin    OU Zhongwen    SHAO Guangjie    SUN Jianjun
TAN Jun    TANG Heqing    WANG Haiyan    WANG Shenggang
WANG Wei    WEI Xiaohuan    WU Tao    XI Lian    YANG Jie
YANG Zhenguos    ZHANG Jin    ZHAO Guopeng    ZHU Zhanliu
ZHU Minhao    LI Gaoren

Organizing Committee

Director: MA Jie
CHEN Zhenkun    GUAN Jing    HU Guohui    JIANG Deying
Lawrence W. Chan    LI Ansheng    LIN Yiting    LU Lesong
LV Chengbin    MA Tongda    REN Ni    SONG Wenchao
TIAN Qingjun    WANG Guoxiang    WANG Xinhua    WANG Yijian
WU Weiling    WU Yue    XIE Suling    YE Changsong    YE Jindui
ZHANG Kun    ZHANG Liangjian    ZHANG Meisheng    ZHANG Ning
ZHANG Xiaohong    ZHONG Youzhao

International Advisers

Germany: Wolfgang Paatsch
Korea: Dong Hyun Kim, Jung Ki Shin, Sang Yeol Woo, Se-Hun Kwon
US: Ling Hao
Japan: Michiyuki KUME, Joo-Hyong NOH, Kensuke AKAMATSU,
Nagahiro SAITO, Masaharu SHIRATANI, Shinji YAE
Singapore: Alex Wong, Gopal Krishnan, Jiang Jianping,
Stewart J Hemsley, Yin Xijiang
India: Malia Singh, Natteri M Sudharsan

UK: Steven Burling
Austria: Wolfgang Hansal
Brazil: Roberto Motta de Sillos
Russia: Michael P. Anisimov, Nikolai F. Uvarov
Bulgaria: Stephan Armysan
Mexico: Paul Fisher

Domestic Advisers

CHEN Muzu    FAN Jingxing    GUO Hetong    HU Runan
HU Tieqi    JIANG Yuqiao    LIU Baokai    LU Jintang
QIN Baoking    TU Zhenmi    WANG Xichun    XIANG Rong
YU Zuzhan    ZENG Liangyu    ZHANG Yuncheng

Secretaries

WANG Meng    WANG Xinguo    Sharon SUN    XIAO Wei
(Until Dec. 1st, 2015)

Exhibition

A synchronous exhibition “ProSF 2016 – International Surface Finishing Exhibition” is held in a separated hall. Exhibition of materials, equipment, products and services related to surface finishing will be shown. Business enterprises and organizations are sincerely invited. Qualified surface finishing supplier are warmly welcomed.

More information via:  +86-10-82237151-8007
expo@interfinish2016.org

Accompanying Events

China Surface Engineering Forum: Covers the latest policy standards and regulations publicizing, economic situation analysis, exchanges about hot technology, etc. The language of this forum is fixed as Chinese.

Personnel Recruitment and Cooperation Platform: The congress will provide the chances for outstanding university graduates and excellent people from research institutions to display themselves, and thus provide recruitment platform for enterprises.

Exchange of Patent Achievements: The patent achievements will be collected and summarized on the congress site and published on the official website, as well as displayed on the site, aiming at further cooperating for the enterprises and individuals in demand and promoting the transformation of patents and scientific research results to industrial applications.

Enterprise Negotiation Fair: Provide industry, schools and research institutions negotiation and cooperation chances with each other, as well as help to release product and technology information about supply and demand on the conference site and website.

Appraising and Awarding: Relevant award items will be awarded for outstanding papers, reports, conference organization in this conference, as well as excellent enterprises with achievements in the surface engineering industry.
19th Interfinish World Congress & Exhibition (Interfinish 2016) Pre-registration

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institution/Company</td>
<td></td>
</tr>
<tr>
<td>Cell</td>
<td>Fax</td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
</tbody>
</table>

If you would submit a paper, the title shall be:

<table>
<thead>
<tr>
<th>The event(s) you’re mostly interested in</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Oral Presentation &amp; Poster</td>
</tr>
<tr>
<td>□ ProSF 2016 – International Surface Finishing Exhibition</td>
</tr>
<tr>
<td>□ China Surface Engineering Forum</td>
</tr>
<tr>
<td>□ Personnel Recruitment and Cooperation Platform</td>
</tr>
<tr>
<td>□ Exchange of Patent Achievements</td>
</tr>
<tr>
<td>□ Enterprise Negotiation Fair</td>
</tr>
<tr>
<td>□ Appraising and Awarding</td>
</tr>
</tbody>
</table>

Notes:

Please fill the form and send a photo or scanned copy of it to newsletter@interfinish2016.org.

We’d like to send you newsletter, program and registration form, etc.

Welcome to the Interfinish 2016!