

# NAUM'18

NANO  
AUGMENTED  
MATERIALS  
INDUSTRY SUMMIT SHANGHAI



## The Summit Programme

### October 31

Place: Shanghai Poly Grand Theatre (Nanotube Theatre)  
Address: 159 Baiyin Road, Jiading District (上海嘉定区白银路159号)

08.00–09.00

Participants registration, welcome coffee

09.00–11.30

Summit opening ceremony

Plenary session, presentations:

- **Creating Customer Value with SWCNTs and Specialty Additives**  
Dr Dechun Fu, Managing Director, BYK Additives (Shanghai) Co., Ltd
- **Carbon Nanotube Solutions – Energized by LANXESS**  
Bruna Calza, Global Product Manager, LANXESS Deutschland GmbH
- **Welcome Speech**  
Morinobu Endo, Physicist, Chemist, Pioneer in Carbon Nanotube Synthesis
- **Semi-Conductive LSR**  
Kasen Duan, Senior Marketing Manager, Elkem Silicone
- **Carbon Nanotubes for Macroscopic Materials**  
Matteo Pasquali, Professor and Chair of Chemistry and Chemical Engineering, Rice University
- **High Durability Transparent Conductive Coatings**  
Masanori Hasegawa, Sales Manager, Nagase ChemteX Corporation
- **CNT-based Materials in Power Cables**  
Luca De Rai, R&D Energy Director, Prysmian Group
- **SWCNTs as an Effective Conductive Additive for High Capacity Cathode and Silicon Anodes**  
Dr Jian Lin, Vice President of R&D, Shenzhen BAK Power Battery Co., Ltd
- **Smart Injection Moulding of Nanoaugmented Polymers**  
Stefan Fenske, Head of Business Development & Technology Management, Shanghai KraussMaffei Machinery Co., Ltd

11.30–13.30

Lunch, networking

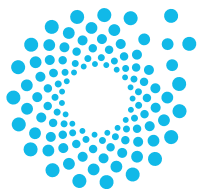
Nanoaugmented Products Exhibition

Industrial Zone guided tours by groups  
1st group 11.30–12.30 / 2nd group 12.30–13.30

13.30–16.00

Plenary session (continued):

- **Challenges in Construction: The Nanomaterials' Role**  
Diego A. Santamaría Razo, Director Innovation, Centre for Sustainable Construction, CRH
- **The Application of SWCNTs in Composite Materials**  
Jim Chin I Lin, General Manager, Zhongshan A&E Machinery Industry Co. Ltd
- **Polymer Filling Technique – Unleash the Full Potential of Carbon Nanofillers in Thermoplastic Polymers**  
Dr Martin Wildemann, Research Scientist, Lehmann & Voss & Co
- **OCSiAl Carbon Nanotubes Applied in Screw Drilling Tools for Oil Drilling**  
Zhihuai Hu, Rubber Engineer, Orient Energy & Technology Co., Ltd



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13.30–16.00

Plenary session (continued):

- ***SWCNT Applications for Polyurethane: Property Modification and Electric Current Conduction***  
Tatiana Nurmukhametova, Deputy Director for Quality, Unikom-Service, LLC
- ***Composite Electrodes for Electrochemical Energy Storage***  
Scott Donne, Professor of Chemistry, University of Newcastle
- ***TUBALL™ and PVdF Modifier VT-475 for High Density Electrodes***  
Nobuhiro Shinka, Department Manager, DAIKIN Industries, Ltd
- ***Development and Commercialization of SWCNT-Dispersing Technologies: Bridging the Gap Between R&D and Industry***  
Jonathan Antebi, Business Development Manager, Nemo Technologies
- ***SWCNT-based Concentrates for Thermoplastic Applications: Development and Characterization***  
Dr Naum Naveh, Faculty Member, Shenkar Engineering College
- ***Functionally Graded Carbon-Nanotube-Reinforced Aluminum Composites***  
Professor Hansang Kwon, CEO, Next Generation Materials Co. Ltd
- ***The Application and Market of SWCNTs in China***  
Li Sheng Zhang, CEO, Ningbo DT Research & Consulting Co., Ltd

16.00–16.30

Group photo  
Coffee break, networking  
Nanogaugmented Products Exhibition

16.30–18.00

Plenary session (conclusion):

- ***The Transformation of the Automotive Industry: The Impact of Carbon Nanotubes on Connected Cars, Autonomous Cars and Electro-vehicles***  
Ivica Kolaric, Senior Manager Functional Materials, General Manager Business Unit Process Industries, Fraunhofer IPA
- ***Market Analysis of Conductive Additives for Lithium Batteries in China***  
Xiaobing Gao, Research Director, Shenzhen Gaogong Industry Research Consulting Co., Ltd
- ***Carbon Nanotubes: Meeting the Challenges***  
Dr Alexander Bezrodny, Vice President, Research & Development, OCSiAI Group

Industry awards

Summit closing ceremony

*Closing speech*

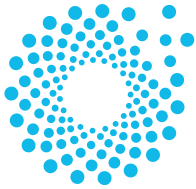
Dr Mikhail Predtecheskiy, Member of the Russian Academy of Science, Head of R&D, OCSiAI Group

18.00–18.30

Walk to gala dinner

18.30–21.00

Gala dinner



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The Summit Programme

## NOVEMBER 1–2

### POST-NAUM SESSIONS:

Presentations and discussions. Industrial Zone guided tours. One-on-one meetings

Meeting rooms are available all day for booking

Place: Hyatt Regency Jiading

Address: 1366 Yumin South Road, Jiading District (上海嘉定区裕民南路1366号)

## November 1

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### 09.00–12.00

#### TUBALL™ applications. Points of growth

- **BYK Additives as Synergies with SWCNT in Coatings**  
Guoping Meng, Lab Head, BYK Additives (Shanghai) Co., Ltd
- **New Development Directions in TUBALL™-modified Elastomers**  
Ekaterina Gorbunova, Vice President, Elastomers, OCSiAI Group
- **Highly Sensitive and Flexible Sensors Based on Graphene and SWCNT Composites**  
Choon-Gi Choi, Principal Researcher, Professor, Electronics and Telecommunications Research Institute (ETRI)
- **Advanced Technology Coating Solution for High Voltage Power Systems**  
Andy Gan, General Manager, DM-Star New Material Technology (Shanghai) Co., Ltd
- **Applications of Nanotechnology in Concrete**  
Anton Shaporin, Director of Innovation, BT SVAP
- **SWCNT Application in GFRP Conductive Pipe**  
Pei Chun Gu, Vice General Manager, Jiangsu Pipe Composites, Co. Ltd
- **Correlating Micro- and Nano-structure to Properties of SWCNT/Polymer Nanocomposites**  
Dr Noa Lachman, Tel-Aviv University
- **TUBALL™ Nanotubes for Polyurethane**  
Vladimir Kravchenko, Project Manager, OCSiAI Group
- **The Application of Single Wall Carbon Nanotubes in SMC/BMC Composites**  
Zhao Mi, R&D Manager, Jiangsu Bi-gold New Materials Stock Co., Ltd
- **Testing of Nanoparticle Release From SWCNT Dispersions and Composites During Handling**  
Evelien Frijns, researcher and coordinator of nanosafety testing of products, VITO (Flemish Institute for Technological Research)
- **SWCNT Current and Potential Applications in Japan**  
Takeyuki Inohiza, Manager, Kusumoto Chemicals, Ltd
- **Technical Support for OCSiAI China**  
Loyes Zhi, Commercial Managing Director, OCSiAI China

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### 12.00–13.00

Lunch, networking

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### 13.00–16.00

Industrial Zone guided tour

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## November 2