

# **EurAsian Geosynthetics Symposium**

## **(Beijing, 18-19 November 2019)**

**Endorsed by IGS (International Geosynthetics Society)**



The International Geosynthetics Society (IGS) is a learned society dedicated to the scientific and engineering development of geotextiles, geomembranes, related products, and associated technologies. The core purpose of the IGS is to provide the understanding of and promote the appropriate use of geosynthetic technology throughout the world.

### **Special thanks to our sponsors**



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## Monday 18 November 2019

08.30 - 17.30

**Registration at Regent Hotel**

Please wear your badge at all times for easier networking

### WELCOME SPEECH

08.45 - 08.55

**Opening and Welcome by**

**Sun Ruize**, President, **CNTAC** (China)

**Pierre Wiertz**, General Manager, **EDANA** (Belgium)

### SPECIAL SPEECH

08.55 - 09.00

**Yu Jianyong**, Academician of **Chinese Academy of Engineering/President, DongHua University** (China)

### SESSION 1

#### STRATEGIC CONTEXT FOR GEOSYNTHETICS APPLICATIONS

09.00 - 09.30

**New Technologies and Applications of China Geosynthetics Industry**

**Li Lingshen**, Vice President of **CNTAC/President of CNITA** (China)

09.30 - 10.15

**The Big Picture 1959-2019: Sixty years of successful applications of geosynthetics in dams**

**Daniele Cazzuffi**, IGS Past President, **CESI** (Italy)

10.15 - 10.45

#### COFFEE BREAK & NETWORKING IN THE TABLETOP AREA

10.45 - 11.30

**Sustainable Development of Geosynthetics Industry**

**Zhou Nanshan**, Professor, **National Taiwan University/Chairman of Taiwan Geosynthetics Association** (Taiwan, China)

11.30 - 12.15

**Geosynthetics in the United States: Growing the Industry through Government Relations, Education, and Technical Support**

**Jonathan Curry**, Managing Director, **Geosynthetic Materials Association** (USA)

12.15 - 14.00

#### LUNCH BUFFET & NETWORKING IN THE TABLETOP AREA

## KEYNOTE SPEECH

14.00 - 14.45

### Innovative Solutions Using Geosynthetics

**Erol Guler**, Professor, **Bogazici University** (Turkey)

## SESSION 2

## ENGINEERING DESIGN AND APPLICATION

14.45 - 15.15

### Geotextiles for Filtration, Determination of Inner Surface and Environmental Aspects

**Matthias Maisner**, Construction Materials Structural Engineering, **Bundesanstalt für Wasserbau (BAW)** (Germany)

15.15 - 15.45

### Application of Geotextile in Stormwater Management Facilities and Systems

**Li Junqi**, Professor, **Beijing University of Civil Engineering and Architecture**/Director, **Ministry of Education Key Laboratory of Urban Rainwater System and Water Environment** (China)

15.45 - 16.15

## COFFEE BREAK & NETWORKING IN THE TABLETOP AREA

16.15 - 16.45

### Interaction of Controlled Modulus Columns as Ground Improvement with High Strength Geosynthetics

**Nicola Brusa**, Civil Engineer (Italy)

16.45 - 17.15

### Application of Geotextile in Railway Engineering

**Wang Tao**, Deputy Director, **Institute of Metals and Chemistry, China Academy of Railway Sciences** (China)

17.15 - 17.45

### Uncommon and soil treated backfills for soil reinforced structures

**Robert Lozano**, Senior Geotechnical Engineer, **The Reinforced Earth Company** (USA)

18.00 - 20.00

## DINNER BUFFET

## Tuesday 19 November 2019

08.30 - 18.30

**Registration at Regent Hotel**

Please wear your badge at all times for easier networking

### KEYNOTE SPEECH

09.00 - 09.45

**Current Status and Prospects of Geosynthetics Standard**

**Peter Atchison**, Chairman, ISO Geosynthetics Committee (UK)

### SESSION 3

### TECHNOLOGY RESEARCH AND CASE STUDIES

09.45 - 10.15

**Landfills Volume Increase with Reinforced Soil Embankments: Theory and Case Studies**

**Piergiorgio Recalcati**, Technical Director, Geosynthetics Division TENAX (Italy)

10.15 - 10.45

**Application of Polymer Filter Mat in Domestic Sewage Treatment System**

**Cui Zhanming**, Chairman, Hongxiang New Geo-Material Co.,Ltd. (China)

10.45 - 11.15

### COFFEE BREAK & NETWORKING IN THE TABLETOP AREA

11.15 - 11.45

**Innovative Drainage Geocomposite for the Control of the Frost Heave in the Road Structures**

**Pietro Pezzano**, Corporate Sector Technical Manager Geosynthetics, **Officine Maccaferri** (Italy)

11.45 - 12.15

**Durability of High-strength Coarse-denier Polypropylene Spunbonded Needle-punched Geotextiles and Advantages in Engineering Applications**

**Zhen Lei**, Executive General Manager, TianDingFeng Holding Co., Ltd. (China)

12.15 - 14.00

### LUNCH BUFFET & NETWORKING IN THE TABLETOP AREA

14.00 - 14.30

#### Advanced Technology Innovation for Nonwovens Geotextiles Lines

**Stefano Colombo**, Sales Manager, **FARE** (Italy)

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14.30 - 15.00

#### Technology Innovation of Geosynthetics for Waste Landfill Application

**Han-Yong Jeon**, Professor, **Inha University** (Korea)

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15.00 - 15.30

#### Performance Research and Application of High-strength Heavy Geotextile

**Li Zhao**, Deputy General Manager, **Hock Technology Co., Ltd.** (China)

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15.30 - 16.00

#### COFFEE BREAK & NETWORKING IN THE TABLETOP AREA

16.00 - 16.30

#### Technology Innovation and Application of HDPE Geomembrance

**Chen Qi**, Chairman, **Shangdong Yibo Yangguang Engineering Materials Ltd.** (China)

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16.30 - 17.00

#### Seismic Behaviour of Hybrid Reinforced Soil High Walls and Slopes

**Pietro Rimoldi**, IGS Council member, civil engineering consultant (Italy)

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17.00 - 17.30

#### New PP-Geotextile Production Technology in China

**Ingo Maehlmann**, Vice President Sales & Marketing, **Oerlikon** (Germany)

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17.30 - 18.00

#### High Geogrid-reinforced Slopes as Flexible Solution for Problematic Steep Terrain: Trieben-sunk Project, Austria

**Oliver Detert**, Head of Engineering Department, **HUESKER Synthetic GmbH** (Germany)

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18.00 - 18.30

#### Conclusions: Future Prospects for the Geosynthetics Industry

**Daniele Cazzuffi**, IGS Past President, **CESI** (Italy)

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18.30 - 19.30

#### NETWORKING IN TABLETOP AREA

19.30 - 21.00

#### DINNER RECEPTION