**Program**

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
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<tr>
<td><strong>REGISTRATION</strong></td>
<td>09:30-10:00 a.m.</td>
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<td><strong>OPEN CEREMONY</strong></td>
<td>10:00-10:15 a.m.</td>
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<td>Chairman: Akan Rakhmetulin</td>
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<td>Deputy Permanent Representative, Permanent Mission of Kazakhstan to UN, USA</td>
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<td>Co-Chairman: A.Zh.Zhussupbekov</td>
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<tr>
<td>Vice President of ISSMGE for Asia, ENU, Kazakhstan, Invited Professor of Columbia University, USA</td>
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<td>Moderator: Prof. Hoe Ling</td>
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<td>Columbia University, USA</td>
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<td>Welcome address:</td>
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<tr>
<td>• Akan Rakhmetulin</td>
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<td>• Raimondo Betti</td>
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<tr>
<td>Chairman, Department of Civil Engineering &amp; Engineering Mechanics, Columbia University, USA</td>
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**INVITED LECTURE 1**

Partnership Program "Green Bridge"
Ruslan Bultrikov
Counsellor to the Minister of Environment of the Republic of Kazakhstan, Kazakhstan
Discussion (questions and comments)
10:15-10:35 a.m.

**INVITED LECTURE 2**

To grid or not to grid
Vijay Modi
Professor of Mechanical Engineering, Columbia University
Member, Earth Institute Faculty, Columbia University
Director, Modi Research Group, USA
10:45-11:05 a.m.

Discussion (questions and comments)
11:05-11:15 a.m.

**COFFEE BREAK**
11:15-11:30 a.m.

**INVITED LECTURE 3**

A.Zh.Zhussupbekov
Vice President of ISSMGE for Asia, ENU, Kazakhstan, Invited Professor of Columbia University, USA
Discussion (questions and comments)
11:50-12:00 p.m.

**INVITED LECTURE 4**

Foundation Equipment for the Energy Revolution
Gilbert Peel
President, American Equipment and Fabricating Corp., East Providence Rhode Island, Executive Vice President, Soilmec North America, Inc., Houston, Texas
Marco Diego Medaglia
Sales Director USA & Canada – Central & South America
Soilmec S.p.A. (Trevi Group) – Cesena – Italy
Discussion (questions and comments)
12:50- 13:00 p.m.

**CONFIRMATION OF RESOLUTION OF WORKSHOP**
13:00-13:15 p.m.

**CLOSING CEREMONY**
13:15-13:30 p.m.

**FAREWELL LUNCH**
13:30-14:30 p.m.

**Venue:** Davis Auditorium (Shapiro Center), Columbia University, New York, NY 10027, USA. Metro line 1, 116th Station.