TWAS 15th General Conference
1 – 4 November 2021
Advancing frontier science, technology and innovation for SDGs in developing countries

ONLINE EVENT

hosted by the King Abdullah University of Science and Technology (KAUST)

with the support of/and in collaboration with the Islamic Development Bank (IsDB)

The conference will be held in virtual format
Local Saudi Arabia time (GMT +3)
# Programme Structure

**Saudi Arabia time (GMT +3)**

## MONDAY, 1 NOVEMBER 2021

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>14:00-16:20</td>
<td><strong>TWAS 29th General Meeting</strong>&lt;br&gt;<em>Closed session for TWAS Members, Young Affiliates and Alumni only</em></td>
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<tr>
<td>16:30-17:10</td>
<td>Opening Ceremony and Presentation of Recognitions&lt;br&gt;Chair: TWAS President</td>
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<tr>
<td>17:10-17:40</td>
<td><strong>Presentations of Awards, Medals and certificates:</strong>&lt;br&gt;• 2020 TWAS-Lenovo Science Award&lt;br&gt;• 2020 TWAS Medals&lt;br&gt;• 2020 TWAS Awards&lt;br&gt;• 2020 TWAS-Siwei Cheng Award&lt;br&gt;• 2020 and 2021 TWAS-CAS Award&lt;br&gt;• 2019, 2020 and 2021 TWAS-named Awards</td>
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<td>17:45-18:30</td>
<td>High-level expert keynote lecture&lt;br&gt;<em>Steps Towards Life: Chemistry!</em>&lt;br&gt;Jean-Marie LEHN, Nobel Laureate, ISIS University of Strasbourg Institute for Advanced Study, France&lt;br&gt;Q&amp;A</td>
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## TUESDAY, 2 NOVEMBER 2021

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<th>Time</th>
<th>Event</th>
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<tr>
<td>14:00-15:40</td>
<td><strong>Ministerial Session:</strong> Financing frontier science, technology and innovation for the SDGs</td>
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<tr>
<td>15:45-17:05</td>
<td><strong>TWAS-Lenovo Science Award Lecture</strong>&lt;br&gt;Introduction by Chairs</td>
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<tr>
<td>15:55-16:30</td>
<td>Jiayang LI, Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China&lt;br&gt;Q&amp;A</td>
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<tr>
<td>16:30-17:05</td>
<td>Mariangela HUNGRIA, Brazilian Agricultural Research Corporation, Brazil&lt;br&gt;Q&amp;A</td>
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<td>17:10-18:40</td>
<td><strong>Symposium 1:</strong> Advancing frontier science, technology and innovation for SDGs in developing countries&lt;br&gt;Convener: Ismail SERAGELDIN, Library of Alexandria, Egypt&lt;br&gt;Speakers:&lt;br&gt;Carlos NOBRE, Nobel Laureate, Institute of Advanced Studies, University of São Paulo, Brazil&lt;br&gt;Marcia McNUTT and Vaughan TUREKIAN, National Academy of Sciences, USA&lt;br&gt;Phoebe KOUNDOURI, Athens University of Economics and Business, Greece&lt;br&gt;Ismahane ELOUAFI, Food and Agricultural Organization, FAO, Italy&lt;br&gt;Q&amp;A 30 min</td>
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**WEDNESDAY, 3 NOVEMBER 2021**

**14:00-15:30**

**Symposium 2: The world facing COVID-19**

*Convener:* George Fu GAO, Institute of Microbiology, Chinese Academy of Sciences China

*Speakers:*
- Lianpan DAI, Institute of Microbiology, Chinese Academy of Sciences China
- Salim ABDOOL KARIM, University of KwaZulu Natal & CAPRISA, South Africa
- Cesar VICTORA, International Center for Equity in Health, Brazil
- Speaker from Central East Europe TBC:
- Speaker from WHO TBC

Q&A session: 30 min

**15:35-17:15**

**Medal Lectures**

Introduction by Chair

- Medal Lecture 1 *To be announced*
- Medal Lecture 2 *To be announced*
- Medal Lecture 3 *To be announced*

**THURSDAY, 4 NOVEMBER 2021**

**14:00-16:25**

**Symposium 3: STI development in the Islamic world: Challenges, opportunities and achievements**

*Convener:* Prof. Mohamed-Slim Alouini, KAUST, Saudi Arabia

*Speakers:*
- Sylvia Poll AHRENS, ITU, Switzerland
- Vinton CERF, Marconi Society, Google USA
- Speaker n 3 tbc
- Speaker n. 4 tbc

Q&A session: 30 min

**16:30-17:15**

**Induction ceremony**

Induction of TWAS Members elected in 2019, 2020, 2021

Introduction of Young Affiliates and Refugee Scientists appointed in 2019, 2020, 2021

**17:20-17:50**

**Closing Ceremony**

Presentation of Conference

Closing speeches