



SCIENCE AND TECHNOLOGY FOR SOCIETY FORUM SRI LANKA, 2016

07-10 September 2016

OPENING CEREMONY

07 September 2016, 1630 - 1930

Nelum Pokuna Mahinda Rajapaksa Theatre Colombo, Sri Lanka

- 1630 Arrival of Invited Guests
- 1730 Traditional Lighting of the Oil Lamp
National Anthem
- 1750 **Welcome and Introduction to STS Forum Sri Lanka 2016**
Mr Susil Premajayantha, MP
Hon. Minister of Science, Technology and Research
- 1800 Video presentation
Sri Lanka Science and Technology
- 1805 **Address by**
Mr Ranil Wickremesinghe
Hon. Prime Minister of the Democratic Socialist Republic of Sri Lanka
- 1820 **Address by**
His Excellency Maithripala Sirisena
President of the Democratic Socialist Republic of Sri Lanka
- 1835 **Keynote Address**
Prof. Michael J Kelly
Prince Philip Professor of Technology, University of Cambridge, UK
- 1855 **Vote of Thanks**
Ms R. Wijjaludchumi
Secretary, Ministry of Science, Technology and Research
- 1900 *Cultural Performance*

DAY 01: INAUGURATION

08 September 2016, 0800-1100

Waters Edge, Battaramulla, Colombo, Sri Lanka

- 0800 Registration
- 0900 Lighting of the Lamp
National Anthem
- 0905 **Welcome Address**
Mr Lakshman Senewiratne, MP
Hon. State Minister of Science, Technology and Research
- 0915 Video presentation: **Sri Lanka Science and Technology**
- 0920 **Address by**
Mr Ranil Wickremesinghe
Hon. Prime Minister of the Democratic Socialist Republic of Sri Lanka
- 0935 **Address by**
Prof. Tan Sri Zakri Abdul Hamid
Science Advisor to the Prime Minister of Malaysia and Chairman Bio-economy Corporation Malaysia
- 0955 **Launching of National Biotechnology Industry Association**
- 1000 **Keynote Address**
Mr Koji Omi
Former Minister of Finance, and Science & Technology;
Founder Chairman, Science and Technology in Society Forum, Japan
- 1020 **State of Innovation Report 2016**
Mr Bob Stembridge
Manager Customer Relations, Thomson Reuters
- 1035 **Vote of Thanks**
Ms R. Wijjaludchumi
Secretary, Ministry of Science Technology and Research
- 1040 *Ceylon Tea Moments* 



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DAY 01 - Waters Edge, Battaramulla, Colombo, Sri Lanka

08 September 2016

1100-1300 PLENARY SESSION 1 Inclusive and Sustainable Innovation Ecosystems

Co-Chairs:

Dr Sarath Amunugama, MP, and Prof. Monte Cassim

1100	Dr Michinari Hamaguchi
1120	Dr Frank Ebinger
1140	Dr Robert Baughman
1200	Mr Masashi Muromachi
1220	Dr Joerg Schneider

1240-1300 **Dialogue 01** Launching of the SAKURA Programme

1300-1400



1400-1600 BREAKOUT SESSION – 1A

STI for SDGs	Citizen Science	Innovation Eco-system	Emerging Technologies	Nanotechnology
<i>STI Imperatives for SDG's</i>	<i>Community Involvement in Science and Scientific Research</i>	<i>STI Skills Development</i>	<i>ICT & Social Innovation</i>	<i>Energy, Sustainability and Policy</i>
Co-Chair: <i>Dr Saman Kelegama</i> <i>Dr Sushil Solomon</i>	Co-Chairs: <i>Prof. Tissa Illangasekera</i> <i>Prof. Sarath Kotagama</i>	Co-Chairs: <i>Dr Sunil Nawaratne</i> <i>Dr Chandra Embuldeniya</i>	Co-Chairs: <i>Ms Chithrangani Mubarak</i> <i>Dr Sankalpa Gamwerige</i>	Co-Chairs: <i>Prof. Ravi Silva</i> <i>Dr Suren Batagoda</i>
Keynote: Dr Jonathan Wong Prof. I. M. Dharmadasa	Keynote: Dr Asha de Vos Dr Aruna Weerasooriya	Keynote: Prof. Shantha Liyanage Fujitsu Corporation (Rep)	Keynote: Prof. Jung-Hwan Park Ministry of Inter. Affairs & Comm. Japan (Rep)	Prof. Michael J Kelly
Panelists: Dr Ahmed Fahmi Dr Karnika de Silva Dr Ravi Fernando	Panelists: Prof. G. Mikunthan Prof. Hemanthi Ranasinghe Dr Jinie Dela	Panelists: Dr Nisha Arunathilake Prof. M. J. S. Wijeyaratne	Panelists: Prof. Athula Ginige Prof. Lalith Gamage	Prof. Stergios Logothetidis Dr Thusitha Sugathapala Dr Fernando de Castro

1600-1630 **Ceylon tea moments**



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1630-1830

BREAKOUT SESSION – 1B

STI for SDGs	Citizen Science	Innovation Eco-system	Emerging Technologies	Nanotechnology
<p><i>Big Data</i></p> <p>Co-Chairs: <i>Prof. Gihan Dias</i> <i>Dr Nimal Gamage</i></p> <p>Keynote: Prof. Umesh Bellur Mr Chanaka Wijaysinghe</p> <p>Panelists: Mr Janaka Abeysinghe Dr Sohan Dharmarajah</p>	<p><i>Informal Science Education for 21st Century</i></p> <p>Co-Chairs: <i>Mr Ingit Mukhopadhyay</i> <i>Dr Kavan Ratnatunge</i></p> <p>Keynote: Dr Bandula Wijay</p> <p>Panelists: Dr Sean Perera Prof. J Watthewithanage Mr Tilak Dissanayake</p>	<p><i>STI Infrastructure</i></p> <p>Co-Chairs: <i>Prof. S. Sivananthan</i> <i>Dr Sirimal Premakumara</i></p> <p>Keynote: Prof. Tan Sri Zakri Abdul Hamid Prof. Dureen Shahnaz Shimadzu Corporation (Rep)</p> <p>Panelists: Dr Armando Batista Prof. Dongxiao Wang</p>	<p><i>Electronics and Robotics</i></p> <p>Co-Chairs: <i>Dr Ajith Pasqual</i> <i>Dr L. Samaranyake</i></p> <p>Keynote: Prof. Visakan Kadiramanathan Dr Ajith Amarasekera</p> <p>Panelists: Prof. Rohan Munasinghe Dr Ashan Amarasinghe Dr Sankalpa Gamwerige Dr Beshan Kulapala Dr Pradip Dutta</p>	<p><i>Novel Device Physics and Engineering</i></p> <p>Co-Chairs: <i>Prof. Ahmed Busnaina</i> <i>Prof. Veranja Karunaratne</i></p> <p>Prof. Gehan Amaratunga</p> <p>Prof. Paul Dawson Dr Dinara Gunasekera Prof. Gamini Rajapakse Dr Thivi Varatharasa</p>

1830

END



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DAY 02- *Water's Edge, Battaramulla, Colombo, Sri Lanka*

09 September 2016

0815

Registration

0900-1040

PLENARY SESSION 2

Advanced Materials, ICT and Smart Transport Systems

Co-Chairs:

Mr Lakshman Senewiratne MP, and Prof. Amal Kumarage

0900

Dr Henning Zoz

0920

Dr Guido Bruggeman

0940

Dr Rudiger Voss

1000-1040

Dialogue 02

1040 *Ceylon tea moments*

1100-1230

PLENARY SESSION 3

Green and Smart Settlements

Co-Chairs:

Mr Kabir Hashim MP, and Prof. Harsha Ratnaweera

1100

Prof. Takashi Onishi

1120

Prof. Ari Ide- Ektassabi

1140

Representative Shimadzu Corporation

1200-1230

Dialogue 03

1230-1330





SCIENCE AND TECHNOLOGY FOR SOCIETY FORUM SRI LANKA, 2016

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1330-1530

BREAKOUT SESSION – 2A

STI for SDGs	Citizen Science	Innovation Eco-system	Emerging Technologies	Nanotechnology
<p>Science Diplomacy</p> <p>Chair: Dr Gamini Keerawella</p> <p>Keynote: Dr Harsha de Silva, MP Dr Mario Pinto</p> <p>Panelists: Dr Joerg Schneider Dr Fahmida N Chowdhury Prof. Feng Feng</p>	<p>Using Social Media for Discussing Science Topics</p> <p>Co-Chairs: Mr A. Abeygunasekera Ms Smriti Daniel</p> <p>Keynote: Mr Nalaka Gunewardene</p> <p>Panelists: Dr Piyal Ariyananda Mr Ananda Galappatti Mr C. J. Dedduwage</p>	<p>Funding and Investment</p> <p>Chair: Mr R. Wickremasinghe</p> <p>Keynote: Dr Richard Cahoon Mr E Wickramaratne, MP</p> <p>Panelists: Dr Jonathan Wong Prof. Tetsuya Yamawaki JBIC representative</p>	<p>Biotechnology</p> <p>Co-Chairs: Dr Sumedha Jayasena Mr Rizvi Zaheed</p> <p>Keynote Prof. Preethi Gunaratne Prof. Shobana Gunasekera</p> <p>Ms Sitara Waidyaratne</p> <p>Panelists: Prof. P. Gopalakrishnakone Dr Shailija Gupta</p>	<p>Nano-manufacturing and Technology</p> <p>Co-Chairs: Prof. Gehan Amaratunga Prof. Gamini Rajapakse</p> <p>Prof. Ahmed Busnaina</p> <p>Dr Chris Mills Prof. Nalin de Silva Prof. S. Sivananthan</p>

1530-1600

Ceylon tea moments

1600-1800

BREAKOUT SESSION – 2B

Governance, Planning and Foresight	Communicating STI	Developing the Intellectual Property Ecosystem	Space Technology	Nano-scale Design for Technology
<p>Co-Chair: Prof. Shantha Liyanage Prof. Dongxiao Wang</p> <p>Keynote: Dr Ozcan Saritas Dr Kuniko Urashima</p> <p>Panelists: Dr Woo Sung Lee Prof. He Minghong Mr Fadhil Bakeermakar</p>	<p>Chair: Prof. Uma Coomaraswamy</p> <p>Keynote: Prof. Buddhi Marambe Ms Subhra Priyadarshini</p> <p>Panelists: Dr Lareef Zubair Mr Malaka Rodrigo</p>	<p>Chair: Ms G.R. Ranawaka</p> <p>Keynote: Mr Bob Stembridge</p> <p>Panelists: Mr Mussadiq Hussain Prof. Ganapati Yadav Mr Ranil Vitarana</p>	<p>Chair: Prof. Kemal Deen</p> <p>Keynote: Eng. Sanath Panawanngge Dr P.G Diwakar</p> <p>Panelists: Prof. Igor V. Belokonov</p>	<p>Co-Chairs: Prof. Manish Chhowala Prof. P. Ravirajan</p> <p>Prof. Ravi Silva</p> <p>Prof. Rusli Prof. Joy Mitra Prof. Beng Kang Tay</p>

1800

Fellowship Dinner



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DAY 03 - Water's Edge, Battaramulla, Colombo, Sri Lanka
10 September 2016

0815 Registration

0900-1040 **PLENARY SESSION 4** **Machines, Materials and Human Wellbeing**

Co-Chairs:
Prof. Tissa Vitarana and Dr Kumar Wickramasinghe

0900
0920
0940
1000

Prof. Yoshiyuki Sankai
Prof. Kenji Doya
Dr Masaru Kurihara
Dr Andrew Sikora

Nanotechnology

***Nano-materials to
Devices***

Chair:
Prof Ravi Silva

Prof. Manish Chhowwala
Mr N. Charanadhar
Dr Imalka Jayawardene
Dr Nilwala Kottegoda
Dr Gamini Kumarasinghe

1020-1040 **Dialogue 04**

1040 ***Ceylon tea moments***

1100-1200

**Way Forward
STI for SDGs**

**Way Forward
Citizen Science**

**Way Forward
Innovation Eco-system**

**Way Forward
Emerging Technologies**

**Way Forward
Nanotechnology**

1200-1300

PLENARY SESSION 5

Closing Plenary

Co-Chairs : Mr Susil Premajayantha MP and Ms R. Wijjaludchumi

Key messages from concurrent sessions

STI for Sustainable Development Goals

Citizen Science

Research and Innovation Eco-system

Emerging Technologies

Nanotechnology

1300

Colombo Resolution : Means of Implementation

Mr Shehan Ratnavale

13.30



END