Scientre Stage: Inaugural event of Vigyan Samagam (Bengaluru)

Monday 29 July 2019

Inauguration - Auditorium (29 July 09:10-10:40)

Inauguration of the Event

- **Convenors: Dr. Bhonsle, Satyanarayana (INO/TIFR, Mumbai)**

time	title	presenter
09:15	Welcome and Lighting of Lamp (00h10')	
09:25	Welcome address (00h05')	Mr. KUMAR, Ranajit (Head, NCPW, DAE, Mumbai)
09:30	About Vigyan Samagam (00h05')	Dr. ASTHANA, Praveer (Head, Mega Science Division, DST, New Delhi)
09:35	Address by Guest of Honour (00h10')	Prof. SHARMA, Ashutosh (Secretary, DST, New Delhi)
09:45	Address by Guest of Honour (00h05')	Mr. CHOUDHURY, Arijit Dutta (Director General, NCSM, Kolkata)
09:50	Address by Chief Guest (00h10')	Dr. KAKODKAR, Anil (Member, AEC & Chairperson, RGSTC, Mumbai)
10:00	Release of Vigyan Samagam Brochure (00h05')	
10:05	Keynote address (00h30')	Prof. V.S., Ramamurthy (Emeritus Professor, NIAS , Bengaluru)
10:35	Vote of Thanks (00h05')	Mr. CHAURASIA, Rakesh (Scientific Officer, DAE, Mumbai)

Lunch break - Auditorium Building (13:15-14:00)

MACE - Auditorium (29 July 14:00-14:30)

- **Convenors: Dr. Yadav, K.K. (BARC, Mumbai)**

time	title	presenter
14:00	MACE Gamma-Ray Telescope (00h30')	Dr. TICKOO, A.K. (Head, Astrophysical Sciences Division, BARC, Mumbai)

Tea break - Auditorium (16:00-16:30)

SKA - Auditorium (29 July 16:30-18:00)

- **Convenors: Prof. Das, Prasanta Kumar (BITS Pilani Goa campus)**

time	title	presenter
16:30	The Square Kilometre Array: exploring the cosmos from the dawn of time to the origins of life (00h30')	Prof. DIAMOND, Philip (Director-General, SKA Organisation)
17:00	New Science with the Square Kilometre Array: A giant leap in exploring the magical world (00h30')	Prof. ROY, Nirupam (Department of Physics, Indian Institute of Science, Bengaluru)
17:30	Symbiosis between SKA and Indian Industries (00h30')	Prof. N., Uday Shankar (Raman Research Institute, Bengaluru) Dr. M.R., Shashidri (Managing Director, Deepti Electronics & Electro Optics Ltd.) Ms. GUPTA, Ashita (CTO, Smile Electronics Limited, Bengaluru)

Tea break - Auditorium Building (11:00-11:30)

INO - Auditorium (30 July 11:30-13:00)

- **Convenors: Prof. Majumder, Gobinda (INO/TIFR, Mumbai)**

time	title	presenter
11:30	What is common between life, the Universe and an Underground lab? (00h30')	Prof. D., Indumathi (The Institute of Mathematical Sciences, Chennai)
12:00	Probing neutrinos using ICAL at INO (00h30')	Prof. BEHERA, Prafulla (Associate Professor, IIT Madras)
12:30	Panel Discussion: Leveraging collaboration for Indian science and industry (00h30')	Mr. T.S., Srinivasan (INO Project Coordinator, BARC, Mumbai) Mr. SAJIYA, Mohamed (Managing Director, Wave Systems, Bengaluru) Mr. SHIVAKUMAR, N (Managing Director, Entec, Bengaluru)

Lunch break - Auditorium Building (13:00-14:00)

ITER - Auditorium (30 July 14:00-15:30)

- **Convenors: Ms. Sulaiman, Dilshad (ITER India)**

time	title	presenter
14:00	Innovation and Inspirational Leadership (00h30')	Dr. PILLAI, Sivatharu (Dr. DS Kothari Chair, Research & Innovation Centre, IITM)
14:30	ITER - An overview and present status (00h30')	Dr. TADA, Elsuke (Deputy DG, Relations coordinating officer, ITER, France)
15:00	Panel Discussion: Leveraging collaboration for Indian science and industry (00h30')	Mr. PADASALAGI, Shrishail (Project Manager-AWS, ITER - India) Mr. RAO, Narayana (Former CAMD, MDHAN!) Mr. BHATT, Praveen (Head Nuclear PBU, L&T; Heavy Engineering) Mr. SAKHAMURI, Prasanth (MD, Hind High Vacuum Bengaluru)

Tuesday 30 July 2019

LIGO - Auditorium (30 July 09:30-11:00)

- **Convenors: Prof. Panneerselvam, Ajith (ICTS-TIFR Bengaluru)**

time	title	presenter
09:30	Cosmic collisions - progress and prospects for gravitational-wave astronomy (00h40')	Dr. BRADY, Patrick (University of Wisconsin-Milwaukee, USA & Spokesperson of the LIGO Scientific Collaboration)
10:10	LIGO-India: An Indian Mega-science (Adventure (00h20')	Prof. SOURADEEP, Tarun (Senior Professor , IUCAA, Pune)
10:30	Panel Discussion: Leveraging collaboration for Indian science and industry (00h30')	Prof. PARAMESWARAN, Ajith (ICTS-TIFR, Bengaluru) Prof. GOPAKUMAR, Rajesh (Director, ICTS-TIFR, Bengaluru) Prof. IYER, Bala (ICTS-TIFR, Bengaluru and IndIGO Consortium) Dr. KRISHNASWAMY, Dilip (Reliance Jio Infocomm)

TMT - Auditorium (29 July 14:30-16:00)

- **Convenors: Prof. Srianand, Raghunathan (Inter-University Centre for Astronomy and Astrophysics(IUCAA), Pune)**

time	title	presenter
14:30	Designing and Building the TMT: A Story of Science, Technology and People (00h30')	Dr. SIMARD, Luc (DG, HAANRC, National Research Council of Canada)
15:00	India's Participation in the TMT project (00h10')	Prof. REDDY, Eswar (Programme Director, India TMT & IIA, Bengaluru)
15:30	Panel Discussion: Leveraging collaboration for Indian science and industry (00h30')	Prof. SUBRAMANIAM, Annapurni (IIA, Bengaluru) Prof. KEMBHAVI, Ajith (IUCAA, Pune & Chair, India TMT PMB) Dr. P., Sreekumar (Director, Space Science Program Office, ISRO HQ) Mr. S., Murali (CEO, General Optics Asia Ltd, Puducherry)

Inauguration of Exhibitions - Auditorium (29 July 10:40-11:15)

High Tea - Auditorium Building (11:15-11:45)

CERN - Auditorium (29 July 11:45-13:15)

- **Convenors: Ms. Sharma, Anadmala (RRCAT, Indore)**

time	title	presenter
11:45	Technology development challenges in High Energy physics experiments: Achievements and spin-offs (00h30')	Dr. CHANDRATRE, V.B. (Electronics Division, BARC, Mumbai)
12:05	India's Contribution to CMS Experiment at CERN (00h25')	Prof. SHARMA, Seema (IISER, Pune)
12:30	Exploration of micro second old universe in the laboratory (00h25')	Dr. CHATTOPADHYAY, Subhasis (Variable Energy Cyclotron Centre, Kolkata)
12:55	Partnership of Indian Industries and further business opportunities with CERN (00h20')	Mr. SARKAR, Suman (BARC, Mumbai)

Industry Session - Auditorium (30 July 17:30-18:00)

- **Convenors: Mr. Sarkar, Suman (BARC, Mumbai)**

time	title	presenter
17:30	Perspectives from Indian Industries (00h10')	Mr. S., Suriyanarayanan (DGM, L&T; Valves Limited)
17:40	Perspectives from Indian Industries (00h10')	Mr. NAYAK, J.V. (Dy Director (TPM), ENDM, Tool Room)
17:50	Perspectives from Indian Industries (00h10')	Mr. A, Dinesh Kumar (Managing Director, MisCT Control Technology (India) Pvt. Ltd)

Tea break - Auditorium Building (15:30-16:00)

FAIR - Auditorium (30 July 16:00-17:30)

- **Convenors: Dr. Chattopadhyay, Subhash (Variable Energy Cyclotron Centre, Kolkata)**

time	title	presenter
16:00	FAIR – Universe in the Lab (00h30')	Mr. BLAUROCK, Jörg (Technical Managing Director, GSI and FAIR)
16:30	Research at FAIR: from neutron star to cancer therapy (00h30')	Prof. DAS, Supriya (Associate Professor, Bose Institute, Kolkata)
17:00	Panel Discussion: Leveraging collaboration for Indian science and industry (00h30')	Prof. GHOSH, Sanjay (Bose Institute, Kolkata) Prof. GERL, Juergen (FAIR - Project Lead Team – Head of Sub-Project NUSTAR) Mr. Y., Rangarao (Managing Director, Vacuum Techniques Pvt. Ltd., Bengaluru)