

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

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

Conveners: Prof. Das, Praveen Kumar (BITS Pilani Goa campus)
time title
 16:30 The Square Kilometer Array: exploring the cosmos from the dawn of time to the origins of life (000307)

presenter	Prof. DIAMOND, Philip (Director-General, SKA Organisation)
	Prof. ROY, Manoj (Head, Indian Institute of Space, Bengaluru)
	Prof. N. Uday Shankar (Raman Research Institute, Bangalore)
	Dr. M.R. Sheshadri (Managing Director, Deep Electronics & Systems Limited, Bengaluru)
	Mr. GUPTA, Anil (CTO, Smile Electronics Limited, Bengaluru)

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

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

Conveners: Dr. Yada, K.K. (BARC, Mumbai)
time title
 14:00 MACE Gamma-Ray Telescope (000307)

presenter	Dr. TICCOG, A.K. (Head, Astrophysical Sciences Division, BARC, Mumbai)
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Science Stage: Inaugural event of Vignyan Samagam (Bengaluru)

Monday 29 July 2019

Inauguration - Auditorium (29 July 08:10-10:40)

Inauguration of the Event

Conveners: Dr. Rineets, Saravayyasa (NUTITER, Mumbai)

time title	09:15 Welcome and Lighting of Lamp (000107)	presenter
	09:25 Welcome address (00065)	Mr. KUMAR, Prashant (Head, NCPW, DAE, Mumbai)
	09:30 About Vignyan Samagam (00065)	Dr. ASTHANA, Praveen (Head, Mega Science Division, DST, New Delhi)
	09:35 Address by Guest of Honour (000107)	Prof. SHARMA, Anuradha (Secretary, DST, New Delhi)
	09:45 Address by Guest of Honour (00065)	Mr. CHOPRA, Anil (Chief, Datta (Director General, NCSA, Kolkata)
	09:50 Address by Chief Guest (000107)	Dr. KAKODKAR, Anil (Member, AEC & Chairperson, RGSTC, Mumbai)
	10:00 Release of Vignyan Samagam Brochure (00065)	Prof. U.S. Sumantri (Emerita, Professor, IAS, Bengaluru)
	10:05 Keynote address (000307)	Mr. CHATURVEDI, NAGESH (Scientific Officer, DAE, Mumbai)
	10:35 Vote of Thanks (00065)	

Tuesday 30 July 2019

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

Conveners: Prof. Parameswaran, Anil (ICTS-TIFR, Bengaluru)
time title
 09:30 Cosmic collisions - progress and prospects for gravitational-wave astronomy (000407)

presenter	Dr. BRADY, Patrick (University of Wisconsin-Milwaukee, USA & spokesperson of the LIGO Scientific Collaboration)
	Prof. SUDANDEEP, Tanu (Senior Professor, IISER, Pune)
	Prof. PARAMESWARAN, Anil (ICTS-TIFR, Bengaluru)
	Dr. SURESH, Kishore (Head, TIFR, Bengaluru)
	Dr. KRISHNANWAMY, Dip (Research Scientist, TIFR, Bengaluru)

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

Conveners: Prof. Shivanth, Indrajit (IITR University Centre for Airwaves and Astrophysics (UCA), Pune)
time title
 14:30 Designing and Building the TMT: A Story of Science, Technology and People (000307)

presenter	Dr. SINGAR, Lax (DG, HANREC, National Research Council of Canada)
	Prof. REDDY, Eswar (Senior Scientist, TMT & IIA, Bengaluru)
	Prof. SUBRAMANIAM, Annapurna (IA, Bengaluru)
	Prof. KENBHAVI, Ajith (Senior Scientist, TMT & IIA, Bengaluru)
	Dr. P. Sreekanth (Director, TMT PWB)
	Dr. P. Sreekanth (Director, TMT PWB)
	Dr. P. Sreekanth (Director, TMT PWB)
	Mr. S. Murali (CEO, General Optics Asia Ltd, Puduchery)

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

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

CERN - Auditorium (29 July 11:45-3:15)

Conveners: Mr. Sharma, Anubhuti (RRCAT, Indore)

time title	11:45 Technology development challenges in High Energy Physics experiments: Achievements and spin-offs (000307)	presenter
	12:05 India's Contribution to CMS Experiment at CERN (000257)	Dr. CHANDRATRE, V.B. (Electronics Division, BARC, Mumbai)
	12:30 Exploration of micro second old universe in the laboratory (000257)	Prof. SHARMA, Seema (ISER, Pune)
	12:55 Partnership of Indian Industries and further business opportunities with CERN (000307)	Dr. CHATURVEDI, NAGESH (Scientific Officer, DAE, Mumbai)

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

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

- Conveners: Dr. Champapathy Subbasi (Variable Energy Cyclotron Centre, Kolkata)

time title

16:00	FAIR - Universe in the Lab (000307)	presenter Mr. BLAIR ROCK, Jorg (Technical Managing Director, USI and FAIR)
16:30	Research at FAIR: from neutrons star to cancer therapy (001307)	Prof. DAS Supriya (Associate Director, Bose Institute, Kolkata)
17:00	Panel Discussion: Leveraging collaboration for Indian science and industry (000307)	Prof. GHOSH, Sanjay (Bose Institute, Kolkata) Prof. SINGH, Anil Kumar (IISR, Project Lead, Team - Head of Sub-Project NUSTAR) Mr. Y. Ranganna (Managing Director, Sri Sagar Institute of Vignana Sarvagata, Bengaluru) Pvt. Ltd., Bengaluru)

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

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

- Conveners: Prof. Majumdar, Gokula (INO/ITER, Mumbai)

time title

11:30	What is common between life, the Universe and an Underground lab? (000307)	prof. D. Indumathi (The Institute of Mathematical Sciences, Chennai)
12:00	Probing neutrons using ICL at INO (000307)	Prof. BEHERA, Pratulla (Project Director, IIT Madras)
12:30	Panel Discussion: Leveraging collaboration for Indian science and industry (000307)	Mr. T.S. Srinivasan (INO Project Coordinator, BARC, Mumbai) Mr. SAU IYA, Mohamad (Managing Director, Wave Energy Systems, Chennai) Mr. SHIVAKUMAR N (Managing Director, Entec, Bengaluru)

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

- Conveners: Mr. Sarfaraz, Sultan (INAC, Mumbai)

time title

17:30	Perspectives from Indian Industries (000107)	presenter Mr. S. Suresh Narayana (DCM, L&T Valves Limited)
17:40	Perspectives from Indian Industries (000107)	Mr. NAVYAK J.V. (Dy Director (TRM), IDEMI, Tool Room)
17:50	Perspectives from Indian Industries (000107)	Mr. A. Dinesh Kumar (Managing Director, M&S CT Engineering Technology (Pvt) Pvt. Ltd.)

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

- Conveners: Mr. Sulaiman, Nihalud (ITER India)

time title

14:00	Innovation and Inspirational Leadership (000307)	presenter Dr. PILLAI, Swathangi (Dr. DS Kothar Chair, Research & Innovation Centre, IITM)
14:30	ITER - An overview and present status (000307)	Mr. P. RAO, Eesaki (Deputy DG, Research & Design Office, ITER, France)
15:00	Panel Discussion: Leveraging collaboration for Indian science and industry (000307)	Mr. PADASALGI, Srinisail (Project Manager-IWS, ITER - Mumbai) Mr. RAO, Narayana (Former CMD, MIDHAN) Mr. Srinivasan, Srinivasan (Head of Mission, IITM) Mr. SURESH, L&T (Vedha Engineering) Mr. SAKHAMURI, Prasanth (Managing Director, High Vacuum Bengaluru)