



## Schedule of Sessions

Sunday, January 7, 2018  
Theme: Water

Time Slot	Speaker Name	Topic	Venue
9.00 AM - 9.50 AM	Serge Haroche (NL)	Controlling and manipulating single photons in a box: the scientific adventure of a life time	Main Stage
9.50 AM - 10.40 AM	Satish K. Tripathi	Change, Risk and Success- A Personal Story	Main Stage
11.00 AM - 11.50 AM	N N Kumar	BrahMos - A Journey of Excellence	Main Stage
11.50 AM - 1.00 PM	T G Sitharam Amar Kumar Pandey, M N Vidhyashankar, K Chidananda Gowda	<b>Panel Discussion: WATER</b>	Main Stage
2.00 PM - 3.15 PM	Ada Yonath (NL)	From Eco-Problems to Eco-Friendly Antibiotics	Netravathi Auditorium
	Serge Haroche (NL)	Walk the Talk	Netravathi Auditorium
	T G Sitharam	Sustainable Strategies for water resource development using rainwater	LH-105
	Y B Ramakrishna	Climate change challenges - Importance of Western Ghats	Ground Floor SH
	K Chidananda Gowda	Disruptive Technology	Second Floor SH
	Hisashi Yanasaki , Kiran Thamankar , Kapil Dev Sharma	Trends on Welding Automation and Future for Welding automation in India	Mechanical SH
	H V Dinesh Prasad	Business Analytics and Data Sciences for Management students	First Floor SH
3:45 PM - 5:00 PM	M N Vidhyashankar	Water revolution 2.0	Ground Floor SH
	Robert Richardson	Robotic inspection, maintenance and repair of urban water systems	Second Floor SH
	M V Subramanian S M Sunder	Industry 4.0 w.r.t. Mechanical Engineering	Mechanical SH
	Amar Kumar Pandey	Managing enterprise complexities	First Floor SH

## Technical Sessions

9:30 AM - 11:00 AM	Joseph Sifakis	The ICT revolution-IOT	Ground Floor SH
	Kavi Mahesh	Understanding Rainfall in India through Data Analytics	Second Floor SH
	Amar Kumar Pandey	Smart Cities	Mechanical SH
	Sandeep S P	Fortifying HR for future	First Floor SH
11:30 AM - 1:00 PM	Satish K. Tripathi	The new world of Thinking Machines	Ground Floor SH
	Anish Arora	Social Sensing Services for Smart Communities	Second Floor SH
	Robert Richardson	Exploration Robotics	Mechanical SH
	Sandeep S P	Strategic HR business partnering - Insights from a practitioner	First Floor SH

# Monday, January 8, 2018

## Theme: Energy

Time Slot	Speaker Name	Topic	Venue
9.00 AM - 9.50 AM	Joseph Sifakis	On the Nature of computing	Main Stage
9.50 AM - 10.40 AM	Anant Agarwal	Digital Education Transformation	Main Stage
11.00 AM - 11.50 AM	Y B Ramakrishna	Bio Energy Initiatives in India - Cutting edge technologies and Policy frame work	Main Stage
11.50 AM - 1.00 PM	Rajashekhar Hiremath Sanjay Sahay Anant Agarwal Yugratna Srivastava	<b>Panel Discussion: ENERGY</b>	Main Stage
2.00 PM - 3.15 PM	Serge Haroche (NL)	A story about the interaction of light with matter in which water plays an important role	Netravathi Auditorium
	Ada Yonath (NL)	Walk the talk	Netravathi Auditorium
	Anish Arora	Cybersecurity of the Internet of Things	Ground Floor SH
	Prakash Bettadapur	Agile Management	Second Floor SH
	Suresh Nagesh	Alternate Energy and Opportunities in terms of R&D for the future	Mechanical SH
	Bharat Shivappa	Marketing a consulting services firm	First Floor SH
3:45 PM - 5:00 PM	Robert Richardson	Robotic maintenance and decommissioning of nuclear power stations	LH - 105
	Satish K. Tripathi	Research challenges of 21st century: A University at Buffalo Perspective	Ground Floor SH
	Anuradha Agarwal	Mid-Infrared integrated silicon photonics for sensing	Second Floor SH
	Rajendran D	Startup Journey	Mechanical SH
	Dileep Chandra	HR Shared Service Model	First Floor SH

## Technical Sessions

9:30 AM - 11:00 AM	Sanjay Sahay	Cyber Security	Ground Floor SH
	Rajashekhar Hiremath	Future of Human transportation	Second Floor SH
	A K Sharma	Mathematics in South Indian Classical Music with Special Emphasis on Percussion Instruments	Mechanical SH
	Rahul Kini	Operations management in ITES	First Floor SH
11:30 AM - 1:00 PM	Serge Haroche (NL)	How the laser has revolutionized physics during the last fifty years	Ground Floor SH
	Deva P Seetharam	Lifelong kindergarten: a fun approach to engineering a career	Second Floor SH
	V Krishna	Mathematics in South Indian Classical Music with Special Emphasis on Percussion Instruments	Mechanical SH
	Chethan Shenoy	Application of Financial planning & wealth management	First Floor SH

## Tuesday, January 9, 2018

### Theme: Environment

Time Slot	Speaker Name	Topic	Venue
9.00 AM - 9.50 AM	Ada Yonath (NL)	The Fruits of Curiosity	Main Stage
9.50 AM - 10.40 AM	D P Agrawal	Waste Disposal	Main Stage
11.00 AM - 11.50AM	Manoj Rajan	Eco Tourism	Main Stage
11.50 AM - 1.00 PM	Prahalad RamaRao Jagadeesh Gopalan Rajah Vijaykumar S S Murthy B K Ravindra	<b>Panel Discussion: ENVIRONMENT</b>	Main Stage
2.00 PM - 3.15 PM	Joseph Sifakis	Smart Grids and IOT	Netravathi Auditorium
	Serge Haroche (NL)	Walk the talk	Netravathi Auditorium
	Bashir Ahmad	Disaster due to Brick kiln Emissions	Ground Floor SH
	C D Balaji	Aerospace Environment & Eco-System	Second Floor SH
	V Krishnamurthy	Pollutants in our Environment	Mechanical SH
	Ananth Ravi	Paradigm shift in Indian Entrepreneurship over the last for decades	First Floor SH
3:45 PM - 5:00 PM	Nataraja Karaba	Food Security in India	LH - 105
	D P Agrawal	Environment Friendly Technology	Ground Floor SH
	U Chandrashekar	Fostering creativity and innovation among engineering students through experiential teaching-learning models	Second Floor SH
	B A Hasanabba	Math Magic	Mechanical SH
	Manoj Rajan	E-Commerce in agricultural markets- Karnataka model	First Floor SH

## Technical Sessions

9:30 AM -11:00 AM	Jagadeesh Gopalan	Enchanting waves	Ground Floor SH
	S S Murthy	Renewable Energy	Second Floor SH
	Veerabadra Yadwad	IOT application	Mechanical SH
	B K Ravindra	Intellectual property rights	First Floor SH
11:30 AM -1:00 PM	.Harikrishna Maram	Management and Technology	Ground Floor SH
	Sathya Prakash	Microbiome next generation therapeutics	Second Floor SH
	Robert Richardson	Exploration Robotics	Mechanical SH
	Anita Pai	Technology in Banking- New Frontiers	First Floor SH

Wednesday, January 10, 2018  
Theme: Health

Time Slot	Speaker Name	Topic	Venue
9.00 AM - 9.50 AM	Serge Haroche (NL)	The Future of Quantum Science and Technology	Main Stage
9.50 AM - 10.40 AM	S N Omkar	Yoga for Holistic Health	Main Stage
11.00 AM - 11.50 AM	Ada Yonath (NL)	From Basic Science to Advance Medicine	Main Stage
11.50 AM - 1.00 PM	S N Omkar Dipshikha Chakravortty K Byrappa Kamlesh Manuja Anand Venugopal	<b>Panel Discussion: HEALTH</b>	Main Stage

## Technical Sessions

9:30 AM - 11:00 AM	Bashir Ahmad	Diabetes & Environment	Ground Floor SH
	Dipshikha Chakravortty	Biomedical Application of shock waves	Second Floor SH
	D P Agrawal	IT and Health Delivery Systems in India	Mechanical SH
	Kamlesh Manuja	Operational Efficiency through Digitization	First Floor SH
11:30 AM - 1:00 PM	Antony Piriya Kumar	Bionic Eye	Ground Floor SH
	Gopal Hegde,	Nanofabrication Techniques and Challenges	Second Floor SH
	Yugratna Srivastava	Renewable Energy Technologies	Mechanical SH
	Prashanth Prakash	How to Start a Start-up and Digital Economy	First Floor SH

## For more information contact

Chief Co-ordinator:

**Dr. C K Manjunath**, Ph.D. (MIT, Boston)

Mobile: +91 94498 45900

Email: admin@sahyadri.edu.in

Co-ordinator:

**Mr. Anush Bekal**, BE, MS, (Ph.D.)

Mobile: +91 94498 45928

Email: anush.ec@sahyadri.edu.in