



Confederation of Indian Industry



सत्यमेव जयते
Department of Science and Technology
Ministry of Science and Technology
Government of India



Italy
Partner Country

DST-CII
INDIA  ITALY
Technology Summit

29-30 October 2018 : New Delhi

Programme Grid

DAY 1: 29 OCTOBER			
0700-0900			Registration (Raja/Rani Bagh)
1000-1100	Inaugural Session (Durbar)		
1100-1145	Tech Talk (Durbar)		
1145-1345	Session 1: Cultural Heritage (Durbar) <i>Technologies for preservation & restoration of cultural heritage & monuments, tourism, museums & art galleries</i>	Session 2: Aerospace (Shahjehan) <i>Satellites, launch vehicles, space derived services, aircraft components, MRO, aviation, air safety, air travel, airports</i>	Business Presentations & B2B meetings (Jehangir & Mumtaz)
1415-1430		Special Talk (Shahjehan)	
1430-1515	Tech Talk (Durbar)		
1515-1615	Session 3 (a): ICT (Durbar) <i>AI, cyber security, data sciences</i>	Session 4: Cleantech (Shahjehan) <i>Waste water, waste management, cement, power, chemical, energy efficiency, clean technologies, super critical coal, water remediation, fuel cells, energy storage batteries, hydrogen energy</i>	
1615-1645	Tech Talk (Durbar)		
1645-1745	Session 3(b): ICT (Durbar) <i>Telecom & broadband, E-commerce, IC manufacturing, VLSI, IOT</i>	Session 5: Renewable (Shahjehan) <i>Solar power, wind power, biomass, smart grids & smart metering</i>	
1745-1825	Case study presentations on India-Italy collaborative projects (Durbar)		
DAY 2: 30 OCTOBER			
0700-0800			Registration (Foyer)
1000-1130	Session 6: Education (Durbar) <i>Student mobility, faculty exchange, recognition of qualifications, study in India, Internships, post-study visas, research collaborations, university-industry partnerships, technology transfer from universities to industries</i>	Session 7: Healthcare (Mumtaz) <i>Hospitals, infrastructure, health insurance, diagnostics, medical devices, medicines, health 4.0, new frontiers and challenges ahead, next generation genomics, robotics</i>	Business Presentations & B2B meetings (Jehangir)
1300-1415		India-Italy Tech Leadership Round Table (Closed-door. By invitation only) (Shahjehan)	
1435-1530	VALEDICTORY SESSION (Durbar)		
1545 - 1600		Curtain Raiser of Technology Summit 2019	B2B meetings (Jehangir)



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DAY 1: 29 OCTOBER



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INAUGURAL SESSION

29 October 2018; 1000 – 1100 Hrs: Taj Palace Hotel; Durbar Hall

1000 – 1010 Hrs	<i>Welcome Address</i>	Dr Gopichand Katragadda Chairman, CII National Committee on Technology & Group Chief Technology Officer, Tata Sons Limited
		Mr Giulio Pedrollo Vice President Confindustria
1010 – 1020 Hrs	<i>India-Italy Business Cooperation – Challenges & Opportunities</i>	Mr Shreekant Somany Chairman, CII MSME Council & Chairman & MD, Somany Ceramics Ltd
		Mr Piergiorgio Borgogelli CEO and Director General Italian Trade Agency
1020 – 1035 Hrs	<i>India-Italy Science Technology & Innovation Collaborations – Achievements & Potential</i>	Prof Ashutosh Sharma Secretary Department of Science & Technology Government of India
		Mr Vincenzo De Luca Director General for Cultural and Economic Promotion and Innovation Italian Ministry of Foreign Affairs
1035 – 1045 Hrs	<i>Keynote Address by the Guest of Honour</i>	Dr Michele Geraci Deputy Minister Ministry of Economic Development
1045 – 1055 Hrs	<i>Inaugural Address by the Chief Guest</i>	Dr Harsh Vardhan Minister for Science & Technology and Earth Sciences, Government of India
1055 – 1100 Hrs	<i>Concluding Remarks</i>	Mr S K Varshney Adviser & Head - International Bilateral Cooperation, Department of Science & Technology, Government of India



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TECH TALK 1

29 October 2018; 1100 – 1115 Hrs: Durbar Hall

Dr Alessandro Zanini
President
Assorestaurato

TECH TALK 2

29 October 2018; 1115 – 1130 Hrs: Durbar Hall

Dr Gopichand Katragadda
Chairman, CII National Committee on Technology &
Group Chief Technology Officer
Tata Sons Limited

TECH TALK 3

A New Exploration of the Universe

29 October 2018; 1130 – 1145 Hrs: Durbar Hall

Prof Marica Branchesi
Astrophysicist, Gran Sasso Science Institute
National Institute of Nuclear Physics



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SESSION 1: CULTURAL HERITAGE

Focus: Technologies for Preservation & Restoration of Cultural Heritage & Monuments, Tourism, Museums & Art Galleries

29 October 2018; 1145 - 1345 Hrs: Durbar Hall

1145 – 1155 Hrs

Keynote Address

Prof Massimo Osanna

Director General, Archeological Park of Pompei
University of Naples

Presentation on: Pompei, digital technologies, archaeological excavations, digital archives, conservation, knowledge plan

1155 – 1345 Hrs

Panel Discussion

Rich cultural heritage and a vibrant tradition of fine arts and architecture define the civilisations of both India and Italy. While Italy has 54 heritage sites which are recognized and protected by Unesco, India has 34. The European state has been successful in preserving its monuments with the help of government and industry. There is a vast scope for collaboration between India and Italy in this area where New Delhi can take the help of Roman counterparts in framing a robust cultural heritage restoration framework. This session will focus on latest techniques and technology which are used in restoration of old documents, manuscripts, paintings and also talk about the need for paying special attention to site-excavations. Museums, art galleries, monuments and archives can also gain tremendously through interventions provided by latest machines and tools

Chairs

Ms Tarana Sawhney

Chairperson, CII Task Force on Art & Culture & Member, Foundation of Indian Contemporary Art

Mr Alessandro Zanini

President, Assorestauro

Panelists

Mr Ratish Nanda

Conservation Architect and CEO
Aga Khan Trust for Culture

Prof Andrea Rurale

Director, International Program in Arts Management, Bocconi University

Presentation on: How technology can increase the visitor engagement in cultural heritage

Ms Nerupama Y Modwel

Head, Intangible Cultural Heritage Division, Indian National Trust for Art & Cultural Heritage

Dr Christian Greco

Director, Fondazione Museo delle Antichità Egizie

Presentation on: Biography of the objects - Dialogue between Egyptology and Sciences

Ms Kiran Nadar

Chairperson
Kiran Nadar Museum of Art

Dr Michele Lanzinger

CEO, Muse Science Museum – Trento

Dr Shobha Supekar

Director, Shri Manilal Nanavati Vocational Training Institute

Presentation on: Laser cleaning application for cultural heritage surfaces

Ms Caterina Giovannini

Founder & MD, Ibox Srl

Presentation on: Technical solutions for micro-air-abrasion and cleaning in historic preservation

Mr Alex Montanari

Regional Director Asia, Iguzzini

Dr Francesca Brancaccio

Director, B5 Srl

Presentation on: Preserving, keeping and transferring cultural heritage to a future. A focus on restoration and archaeology of the Anfiteatro Flavio (Coliseum Rome)



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SESSION 2: AEROSPACE

Focus: Opportunities in space – Satellites, launch vehicles and space derived services, aircraft components, MRO, aviation, air safety, air travel, airports

29 October 2018: 1145 – 1315 Hrs: Shahjehan Hall

1145 – 1205 Hrs

Keynote Address

Dr S Guruprasad
Outstanding Scientist 'H' & Director
General (PC & SI)
Defence Research & Development
Organisation

Prof Roberto Battiston
President
Italian Space Agency
*Presentation on: Future challenges in space
exploration in the context of new space economy*

1205 – 1315 Hrs

Panel Discussion

India has been at the forefront of space technologies, exploring space with frugal investments for societal benefits such as weather forecasting, mapping of agri-climatic zones, satellite communications etc. India is now poised to launch moon landing mission soon and also manned space mission in 2022. Indian industry is going to play a major role in exploiting space technologies by manufacturing small satellites and launch vehicles for the local and global markets. India has been one of the most rapidly growing markets for air travel with very encouraging support from the Government of India. With smaller airports opening up for better air connectivity and further expansion of major airports on the anvil, the aviation sector is poised for a booming growth in business. Apart from construction of new airports and procurement of new aircraft, the sector would call for a whole lot of activities in terms of maintenance, repair and overhaul (MRO) of aircraft along with basket of services dedicated to improved passenger amenities and safety. India and Italy look forward to a shared future in the exploration in space and business opportunities in aviation sector in order to reap mutual benefits thereof.

Chairs

Mr Rakesh Sasibhushan
Chairman, CII Space Council &
Chairman and Managing Director
Antrix Corporation

Prof Marco Protti
Chairman, ACARE Italia
AIAD

Panelists

Mr N Raveeswaran
Head – Aerospace & Defence
Mahindra Group

Prof Marica Branchesi
Gran Sasso Science Institute
*Presentation on: Contribution of space
observatories to multi messenger astrophysics*

Mr P S Ramesh
Executive Director & COO
Dynamatic Technologies

Mr Massimo Bersani
Program Manager
Fondazione Bruno Kessler, Centre for
Materials and Microsystems
*Presentation on: Sensors and devices for space
applications*

Mr D Peter Immanuel
CEO, Aerospace & Aviation Sector Skill
Council

Dr G Padmanabhan
Director, International Advanced
Research Centre for Powder Metallurgy &
New Materials, Hyderabad

1330-1415 Hrs

Networking Lunch



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SPECIAL TALK

India-Italy: Potential collaborations

29 October 2018; 1415 – 1430 Hrs: Shahjehan Hall

Mr Amitabh Kant

CEO

NITI Aayog

TECH TALK 4

Can we regenerate the human body?

29 October 2018; 1430 – 1445 Hrs: Durbar Hall

Prof Mauro Giacca

Director General

International Centre for Genetic Engineering and Biotechnology

TECH TALK 5

Value-Conscious Innovations

29 October 2018; 1445 – 1500 Hrs: Durbar Hall

Dr Balram Bhargava

Secretary, Department of Health Research &
Director General, Indian Council of Medical Research

TECH TALK 6

Welcome to graphene age

29 October 2018; 1500 – 1515 Hrs: Durbar Hall

Dr Giulio Giuseppe Cesareo

President & CEO

Directa Plus



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SESSION 3 (a): ICT

Focus: Artificial Intelligence, Cyber Security, Data Science

29 October 2018; 1515 – 1615 Hrs: Durbar Hall

1515 – 1525 Hrs

Keynote Address

Dr Alberto Masoni

Research Director, National Institute of Nuclear Physics, Milan

Presentation on: e-Infrastructures and societal challenges

1525 – 1615 Hrs

Panel Discussion

In information and communication technology (ICT), India and Italy share a lot in common. Both have a peculiar mix of geographies as far as penetration of ICT is concerned. These geographies are distinct from an urban-rural perspective as well as the north-south divide. In India, there are urban pockets of high-speed internet connectivity and mobile telephony, with tier II and tier III cities fast catching up in e-retail and digital transactions. Similarly, Italy has a highly developed northern region which is being increasingly chased by the south. The size of the digital economy in India is slated to be \$1 trillion by 2022 and is said to be able to account for close to 50 per cent of the entire economy by 2030. Italy, on the other hand, is already among top 5 players, in ICT. Small and mid-sized, family-owned Italian companies are fast adapting advanced manufacturing and digital technologies. More than 40 per cent Italian manufacturing companies use “3D printers for fast-prototyping and 25 per cent use robotics in the manufacturing process”. While India is understanding the state of AI adoption in various fast growing digital sectors, the India is also determining opportunities and associated cyber risk involved; Italy is ahead in field of AI, particularly manufacturing and machinery sectors. Both sides have a lot to learn from each other in such a scenario. This session will showcase the strengths of both the countries in the area by respective experts.

Chairs

Ambassador Kanwal Sibal

Chairman, CII Task Force on Cyber Security & Former Foreign Secretary to Government of India

Dr Cristiano Radaelli

Vice President Vicarius
Anitec-Assinform

Panelists

Mr Brijesh Datta

Executive Vice President & CISO
Reliance Jio Infocomm

Dr Lovneesh Chanana

Vice President (Digital Government)
SAP India

Mr Sanjeev Nikore

President, Strategic Initiatives
Tech Mahindra

Dr Angelo Petrosillo

Vice President for International Affairs
Mermec

Dr Riccardo Smareglia

Head, ICT and Science Data Management
Office, Italian National Institute of
Astrophysics

Presentation on: Big data challenges

Dr Luigi Raschella

Vice President & Chief Representative India
Elettronica S.p.A.

Presentation on: Digital signal intelligence

Dr Riccardo Monti

President, ItalferrS.p.A



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SESSION 4: CLEANTECH

Focus: Waste water, waste management, cement, power, chemical, energy efficiency, clean technologies, super critical coal, Water Remediation, Fuel cells, energy storage batteries, hydrogen energy

29 October 2018: 1515 – 1645 Hrs: Shahjehan Hall

1515 – 1535 Hrs

Keynote Address

Dr Suddhasatwa Basu

Director, CSIR-Institute of Minerals & Materials Technology

Prof Teodoro Valente

Deputy Rector for Research Innovation and Technology Transfer, Rome University La Sapienza

Presentation on: Cleantech trends in Italy

1535 – 1645 Hrs

Panel Discussion

Energy has been the prime mover of a country's industrial progress thus squarely contributing to its economic performance. India's energy policy is largely defined by the country's expanding energy deficit. In order to meet the future energy demands in sustainable and environment friendly manner, technologies are required to be developed for the production, storage and applications of hydrogen for portable & stationary power generation as well as in transportation. To reduce air & water pollution, develop clean energy and improve energy efficiency, India is actively looking for advanced technologies in each sector.

Chairs

Mr Arun Bhalla

Consultant
Dalmia Bharat Cement

Mr Alessandro Durante

Director, External and International Relations
Anima Association

Panelists

Prof Prakash Chandra Ghosh

Professor, Department of Energy Science & Engineering, IIT Bombay

Dr Giulio Cesareo

President & CEO
Directa Plus

Dr Suddhasatwa Basu

Director, CSIR-Institute of Minerals & Materials Technology

Mr Davide Benedetti

President & General Manager
Decomar

Mr Andrea Guderzo

General Manager
Clivet Mideast Fzco



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TECH TALK 7

***Artificial touch: From bionic hand prostheses to
telepresence in healthcare 4.0***

29 October 2018; 1615 – 1630 Hrs: Durbar Hall

Dr Calogero M Oddo

Head, Neuro-Robotic Touch Laboratory
Scuola Superiore Sant'Anna

TECH TALK 8

Digital Hampi: Preserving Indian Cultural Heritage

29 October 2018; 1630 – 1645 Hrs: Durbar Hall

Prof Vijay Chandru

CEO & Managing Director
Strand Life Sciences



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SESSION 3(b): ICT

Focus: Telecom & Broadband, E-commerce, IC Manufacturing, VLSI, IOT

29 October 2018; 1645 – 1745 Hrs: Durbar Hall

1645 – 1705 Hrs

Keynote Address

Prof Pankaj Jalote

Former Director & Distinguished
Professor, Computer Science,
Indraprastha Institute of Information
Technology

Prof Antonio Capone

Dean, School of Industrial and Information
Engineering, Politecnico di Milano
*Presentation on: Research on 5G and internet of
things at Polimi*

1705 – 1745 Hrs

Panel Discussion

Favourable economic growth and ongoing thrust on increasing connectivity is transforming India's digital profile. The unprecedented growth in mobile broadband and increasing data consumption is propelling the country towards a digital future. This has directly impacted the regional e-commerce industry with massive growth along with vast consumer base for online retail in recent years. With 2020 on the anvil, the vision of realising a Digital India will hinge on the availability, accessibility and affordability of future-ready broadband for all. Building broadband highways is a socio-economic imperative and requires a collaborative engagement between policy makers and industry. Similarly, Italy is exploring the creation of an ultrafast broadband network across the country. It is studying the requirements of its industry to take a decision in that regard. Crossing the USD 3 billion mark in 2017, internet of things (IoT) has taken a decisive role in the Italian economy, whereas IoT in India is the next big wave of digital transformation through its huge penetration in domestic industrial ecosystem, including the manufacturing processes. This session will explore the options for collaboration between companies from both the sides in telecom, e-commerce, and IoT.

Chairs

Mr Umang Das

Co-Chair, CII National Committee on
Telecom and Broadband and Chief Mentor,
ATC India

Dr Cristiano Radaelli

Vice President Vicarius
Anitec-Assinform

Panelists

Mr B Parameshwar Babu

Managing Director
Param Projects Private Limited

Dr Enrico Calleri

Sales Manager
Eurotech Spa

Mr Vidmay Naini

Country Manager
eBay India

Ms Giada Bono

Director, India
Banca Sella

Mr Ramana SV

Senior Vice President,
HCL Technologies

Mr Dario Calogero

Chief Executive Officer
Kaleyra

Mr Alberto Fioravanti

Chairman and Chief Technology Officer
Digital Magics

Presentation on: Digital Made in Italy

*Presentation on: Insights on how to implement
business communication and gain customer
satisfaction*



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SESSION 5: RENEWABLE

Focus: Solar power, wind power, biomass, smart grids & smart metering

29 October 2018; 1645 – 1815 Hrs: Shahjehan Hall

1645 – 1705 Hrs

Keynote Address

Dr P C Maithani
Adviser
Ministry of New & Renewable Energy

Dr Luciano Martini
Mission Innovation – Smart Grids
Ricerca sul Sistema Energetico
Presentation on: Innovation challenges towards seamless integration of high shares of renewable energy sources

1705 – 1815 Hrs

Panel Discussion

The use of renewable resources of energy is rapidly increasing worldwide. Today, India's renewable energy accounts for 20 per cent (excluding hydro) of the total India's installed power capacity and contributes 4.43 per cent to the global renewable generation capacity. How India and Italy can actively join hands to become the world leaders in renewable energy generation. To improve the energy efficiency, reduce GHG emissions and transitioning to a low-carbon economy, the need for a smart grid is recognize worldwide. Smart grid is a vital opportunity for governments and the private sector to join hands with the goal of finding the best technology solutions for realizing the future grid.

Chairs

Mr Sanjaya Singhal
Chairman
Secure Meters

Mr Massimo Beccarello
Deputy Director Industrial Policy
Confindustria

Panelists

Mr Lalit Jain
Chief Executive Officer
Hindustan Powerprojects

Dr Luigi Crema
Head of ARES - Applied Research on Energy Systems, research unit, Fondazione Bruno Kessler
Presentation on: The key role of energy carriers for deep decarbonization targets

Mr Bhupesh Juneja
Director
Inox Group

Dr Gianluigi Angelantoni
Sole Director
Angelantoni Industrie S.r.l. & President, Archimede Solar Energy

Prof Vikram Kumar
Professor
Indian Institute of Technology, Delhi

Lamberto Dai Pra
Head Africa, Asia and Oceania
Enel Green Power



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Case Study Presentations

India-Italy Collaborative Projects

29 October 2018; 1745 – 1825 Hrs: Durbar Hall

1745-1805 hrs **Co-operative Brightness: 20 years of India-Italian Cooperation at Elettra**

Indian research groups have been collaborating with researchers at the Italian Synchrotron radiation source Elettra since past two decades. The collaboration between Elettra and Indian research institutions is a part of a wider collaboration between the countries sponsored by the Department of Science and Technology, Government of India and the Italian Ministry for Foreign Affairs. The collaboration has led to few hundred visits of Indian groups to Elettra (with an average of three scientists per visit) in the last 20 years and to the publication of more than 500 articles in peer-reviewed scientific journals. Till 2016, Elettra received around 959 experimental proposals from Indian research groups, corresponding to about 8 per cent of the total: in third place, just after Italy and France. This makes Elettra the most requested European national synchrotron radiation laboratory by Indian users.

Presenters

Prof DD Sarma

Solid State and Structural
Chemistry Unit
Indian Institute of Science

Dr Andrea Lausi

Head, Xpress Beamline
Elettra-Sincrotrone Trieste

1805-1825 hrs **India-Trento Programme for Advanced Research**

The India-Trento Programme for Advanced Research was born in the frame of the agreement signed in July 2003 between the Department of Science and Technology, Government of India, the Autonomous Province of Trento (through the Trentino Cultural Institute, now Bruno Kessler Foundation) and the University of Trento. This programme was recognized in the Cooperation Programme between India and Italy as one of the bilateral initiatives of major interest and thus benefits from the Foreign Affairs Ministry's fundings. The programme involves the most advanced research institutes in India. So far 23 research projects have been carried out in 8 scientific and technological areas with the involvement of more than 200 senior and junior researchers. At present 5 research projects are under way.

Presenters

Prof Vijayalakshmi

Ravindranath
Director, Centre for Brain
Research, Indian Institute of
Science, Bangalore

Prof Carlo Miniussi

Director, Center for Brain Sciences
University of Trento



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Business Presentations
29 October 2018; 1145 – 1825: Jehangir Hall

1215-1230 hrs

Presentation on Dynamatic Technologies Ltd. by Mr Udayant Malhoutra, CEO & MD

In 1992, Dynamatic Hydraulics Limited was renamed as Dynamatic Technologies Limited to reflect the Company's diversifying business interests. By 2000, Dynamatic Technologies had emerged as Asia's largest producer of Hydraulic Gear Pumps and one of the top-five world-wide. It had also diversified its operations into the Aerospace and Automotive segments.

Dynamatic is a single-source supplier to 75% of India's Tractor OEM's and Construction Equipment Industry, approximately 40% of India's automobiles, virtually all its Battle-Tanks and Fighter Jets.

1230-1245 hrs

Presentation on CF3000 by Mr Giovanni Pecorari, Export Manager

CF3000 Automotive Electronics was founded in 1999 in Italy as a research & development firm for advanced electronics for automobiles. Its cutting-edge solutions are now integrated on the most prestigious cars and vehicles in the world. By opening a subsidiary in New Delhi in 2015, CF3000 has tied itself with Indian automakers, helping to design vehicle electronics for petrol, CNG, diesel and electric vehicles. Apart from R&D, CF3000 now has diversified its portfolio into manufacturing capability for vehicle electronic systems in Italy and India.

1245-1300 hrs

Presentation on Bizdev by Mr Jean-Claude Morel, Partner & GM

Bizdev collaborates with innovative companies willing to expand in international markets, helping in the generation and development of business opportunities with local partners in emerging countries. Focus sector is ICT with a specific solution for food & cooking, social community and marketplace. Bizdev is developing, with leading Italian ICT and Hong Kong business partners, one of the most innovative social food knowledge and sharing platforms.

1300-1315 hrs

Presentation on Purity SRL by Mr Stefano Sommariva, Founder and Vice President

Purity S.r.l. is a manufacturing start-up which offers cutting-edge technological solutions for treatment and recovery of water. Its core business represents eco-friendly solutions to reuse without water discharge. Its solutions, based on a particular electrolytic treatment, result in water savings of over 90 per cent for its customers. All these process can be done with no added chemicals and with great benefits in terms of operating costs, maintenance and minimum solid waste.



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1430-1445 hrs

Presentation on Secure Meters by Mr Rajesh Nimare, Chief Technology Officer

Secure Meters Ltd is an Indian, privately owned multi-national business. Our focus is helping to ensure energy security throughout the energy supply chain - a critical issue worldwide. Our vision is for all consumers to reduce energy use, save money and live in comfort. We established our headquarters in Udaipur, Rajasthan in 1985. In 1987 we were able to produce 25 electricity meters a year; now we produce over 4million meters annually and 99% of the electrons flowing in the Indian grid will be measured at least once by a Secure meter.

1445-1500 hrs

Presentation on UNIDI (Italian Dental Association by Mr Gianfranco Berrutti, Vice President

Presentation on UNIDI (italian dental industry association) by Mr Gianfranco Berrutti, Vice President UNIDI (Italian Dental Industry Association) associates Italian Dental Industry: more than 100 high-calibre manufacturers of equipment and consumables for dentists and dental technicians. UNIDI was set up in 1969 and in 48 years of activity it has made an all-important contribution to the growth of the Italian Dental Industry. Today, it is one of the world leaders, among the first for volume of business, technological innovation and exports.

1530-1545 hrs

Presentation on Vizara Technologies Pvt Ltd. by Dr Anupama Mallik, CEO

Vizara Technologies Pvt Ltd. is the technology start-up providing knowledge-based virtual reality and augmented reality solutions in various domains such as heritage preservation, tourism, real-estate, security and smart city governance.

1600-1615 hrs

Presentation on IRST by Mr Luca Battistelli, Deputy Manager of Grant and Technology Transfer Office

IRST is part of the national and regional health system and promotes and manages cancer research with the aim of gaining knowledge and furthering excellence, innovation and progress in the areas of healthcare. It offers a wide range of services to laboratories, competence centres and research apparatus in areas such as imaging, biostatistics, bio-banking, genomics, and nanotechnologies. It strives constantly to strengthen its scientific research at all levels in the areas of clinical care, organizational healthcare and biomedical-translational research.

1615-1630 hrs

Presentation on Newster Systems SRL by Mr Andrea Bascucci, Owner & CEO

Newster Group is an Italian company offering the most technologically advanced equipment to solve the problems of the potentially dangerous waste which is produced in medical facilities and needs to be treated. Newster uses frictional heat technology to sterilize solid HCW, leaving residue unrecognizable, dry and odourless. SWT wastewater treatment disinfects sewage water. Pura neutralizes medical lab fluid waste.



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1630-1645 hrs

Presentation on Sanfe by Mr Archit Agarwal, Co-founder

India's most affordable, easy to carry, and ergonomic stand and pee device, which gives women the freedom to stand and urinate. It allows and empowers women to avoid contact with the toilet seats, protecting them from infections and UTIs and diseases. It is especially useful for pregnant and older women. It is not just ergonomic, easy to use, biodegradable and menstrual friendly, but it is also affordable and PWD friendly.



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SESSION 6: EDUCATION

Focus: Student mobility, faculty exchange, recognition of qualifications, study in India, internships, post-study visas, research collaborations, university-industry partnerships, technology transfer from universities to industries

30 October 2018; 1000 – 1130 Hrs: Durbar Hall

1000 – 1020 Hrs

Keynote Address

Shri R Subrahmanyam
Secretary, Department of Higher Education; Ministry of Human Resource Development
Government of India

Prof Emilio Paolucci
Italian Network of Technology Transfer Offices, Universities and Public Research Organizations, Politecnico di Torino
Presentation on: How university programs can improve collaborations in technology transfer and foster innovation based on research results

1020 – 1130 Hrs

Panel Discussion

Education forms an important component of collaboration between two countries, more so in the case of India and Italy. Universities from both sides are keen to work together and see increased exchange of students as well as faculty. Co-operation between the two sides on technical and vocational education was the cornerstone of bilateral talks in New Delhi last year. There is potential to take the ties to a different level through more post-study work options for students in both the countries, research partnerships as well as industry-academia collaborations. In this session speakers from both sides will highlight the strengths of their respective countries.

Chairs

Dr B V R Mohan Reddy
Co-chairman, CII Education Council & Chairman, Cyient

Mr Raimondo De Cardona
Diplomatic Advisor to the Italian Minister of Education and Research

Panelists

Prof V Ramgopal Rao
Director, IIT Delhi

Prof Luca Beverina
Working group on industrial PhD
University of Milano-Bicocca
Presentation on: Industrial PhD program in Italy, a promising tool to boost competitiveness by higher education tools

Dr Aseem Chauhan
Additional President and Chancellor, Amity University

Mr M S Unnikrishnan
Managing Director & CEO
Thermax

Prof Teodoro Valente
Deputy Rector for Research Innovation and Technology Transfer, Rome University La Sapienza

Mr Vijay Chadda
Chief Executive Officer
Bharti Foundation

Dr David Vannozzi
Director General
Inter-university Consortium

Prof Antonio Capone
Professor, Politecnico di Milano
Presentation on: Network for student exchange and double degrees

Presentation on: University consortium for nation-wide technological progress

Dr Cesare Saccani
Chairman, Indo Italian Chamber of Commerce



Confederation of Indian Industry



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Department of Science and Technology
Ministry of Science and Technology
Government of India



Italy
Partner Country

DST-CII

INDIA ITALY Technology Summit

29-30 October 2018 : New Delhi

SESSION 7: HEALTHCARE

Focus: Healthcare infrastructure, health insurance, diagnostics, medical devices, medicines, emerging trends, genomics, robotics

30 October 2018; 1000 – 1130 Hrs: Mumtaz Hall

1000 – 1020 Hrs

Keynote Address

Dr Shekhar C Mande

Director General, CSIR & Secretary
Department of Scientific & Industrial
Research

Prof Mauro Giacca

Director General
International Centre for Genetic
Engineering and Biotechnology

*Presentation on: The promise of biotechnology
for global development*

1020 – 1130 Hrs

Panel Discussion

There are compelling reasons to back India's rising stature in the healthcare sector, which is growing at a brisk pace due to its prowess in healthcare research, government initiatives, strengthening coverage, services, skills, cost-effectiveness, significant drug approvals, and health information technology. India's healthcare industry is one of the most diversified and fastest growing sectors and it is expected to reach \$280 billion by 2020. This session aims to explore the latest dynamics and trends across various segments of healthcare including hospitals, medical devices, telemedicine, medical tourism, health insurance, dental research, medical equipment, genomics, robotics and pharmaceuticals. The objective is to understand the healthcare synergy between the two countries that would have a positive impact to drive healthcare innovation, growth and gain new markets for revolutionizing the next generation of healthcare.

Chairs

Dr Naresh Trehan

Chairman, CII Healthcare Council &
Chairman & Managing Director
Medanta – The Medicity

Mr. Daniele Finocchiaro

President Research and Innovation
Committee, Confindustria

Panelists

Dr Shubnum Singh

Director, Medical Education, Medical
Research & Advisor, Max Healthcare
Institute Ltd.

Dr Calogero M. Oddo

Head, Neuro-Robotic Touch Laboratory
Scuola Superiore Sant'Anna

Mr Shammi Gumbhir

Secretary, Association of Dental
Industry and Trade of India

Prof Marco Foiani

Scientific Director
Institute of Molecular Oncology

*Presentation on: Global approach for a global
disease: Italy-India to outsmart cancer*

Dr Anil Koul

Director, CSIR-Institute of Microbial
Technology

Mr Gianfranco Berrutti

Vice President
Italian Dental Industries
Association(Unidi)

*Presentation on: Italy and India: new
perspective and cooperation in the dental field*

Dr Reba Chhabra

Head - Quality Control Diagnostics,
National Institute of Biologicals



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INDIA   **ITALY**
Technology Summit
29-30 October 2018 : New Delhi

VALEDICTORY SESSION

30 October 2018: 1435-1530 Hrs: Durbar Hall

Shri Narendra Modi
Hon'ble Prime Minister of India

H.E. Giuseppe Conte
Hon'ble Prime Minister of Italy