



ITALY - CHINA

SCIENCE, TECHNOLOGY & INNOVATION WEEK

25-27 OTTOBRE 2016

BERGAMO 25/10 · BOLOGNA 26/10 · NAPOLI 26-27/10

PROGRAM

CHINA ITALY
INNOVATION FORUM
7th EDITION

SINO
EXCHANGE EVENT
ITALIAN
10th EDITION

IMMAGINE

It gives me a sense of great pride that this new edition of the Italy–China Science, Technology and Innovation Week has grown so much, both in terms of the quality of its program and in terms of attendance.

The Italian government and my Ministry are pleased to welcome the prestigious representatives from the realms of the Chinese academia, business and innovation world that are going to meet with their Italian counterparts from October 25th-27th in three different marvelous cities of Italy, dense of beauty, history, culture, tradition and innovation: Bergamo, Bologna e Naples.

The Italy-China Science, Technology and Innovation Week represents an exceptional opportunity for dialogue between Italy and China, both for advancement in bilateral exchange and for the promotion of new, proficuous and qualified interaction among universities, research centers, companies and Italian and Chinese institutions in the fields of science and technology that are applied to the sectors of strategic interest for the two countries.

Coordinated by Città della Scienza on behalf of Italy - in collaboration with the National Research Council - the success of this event, whose main actors will be the University Studies of Bergamo and the Alma Mater University of Bologna, is measured by the constant growth of participants involved from both nations. Culminating with this year's event, around 1,000 Italian business realities and around 500 Chinese business realities from university centers, innovative companies, scientific and technological parks, accelerators, investment funds, public research institutions, start-ups and new digital manufacturing laboratories will come together from the two countries.

The Italy-China Science, Technology and Innovation Week 2016 is centered on key sectors of Italy's five year strategy for research and innovation (PNR), like health and life sciences, energy, mobility and sustainability, green chemistry, aeronautics, smart cities and ICT in general, without forgetting the very interesting experiences of agri-food and 4.0 manufacturing, design and creative industry. Our objective is to make our innovative communities meet in order to build paths, ideas, projects and alliances together in reciprocal involvement that lead towards scientific and technological progress and towards new forms of economic collaboration.

This year, we wanted to include important innovations, including the first edition of Italy-China Startup Cooperation that consolidates the work done by Città della Scienza and PNcube, on one hand, and that of the Polytechnic of Milan, on the other, in the field new innovative start-up creation. Another novelty is cooperation in the field of 4.0 manufacturing that is object of focus and investment for Italy. With the creation of Digital Fabrication Zone, construction is favored for new joint projects and skills linking technologies and Advanced Manufacturing know-how with Italian culture and design that is recognized and appreciated all over the world.

Another element that I strongly wanted was appreciation of human capital, cooperation among our schools and our universities in the field of didactics and teaching because I'm convinced that only if we start from the knowledge of our own cultures, our own languages and our own traditions, can seeds be planted, allowing roots to grow and thus a tree of cooperation to flourish.

This program has been made possible thanks to the strategic partnership between China and Italy and, on behalf of Italy, thanks to the vision and dedication of the many active national institutions in the fields of science and economy: tireless energy and hard work cannot but guarantee assured success and project us towards more ambitious joint and harmonious objectives for our countries, building a world of peace, cooperation and harmonic development.

Stefania Giannini
Minister of Education, University and Research

IMMAGINE

We have come to the 2016 edition of the China Italy Science, Technology & Innovation Week, the most important national technological cooperation initiative between Italy and China, marking an important anniversary: ten years of the SIEE-Sino-Italian Exchange Event (SIEE).

Born in 2007 from an initiative created by Città della Scienza, on behalf of the Campania Region, today SIEE stands as a national project for the policies of opening and enhancing technological cooperation with China. Analysis of these ten years shows a record of steady increase in the Chinese and Italian territories involved, contacts activated, and agreements signed in vital sectors for competitive and technological growth.

Campania Region participates in the China Italy Science, Technology & Innovation Week, recognizing it as an important part of international opening and networking of the strategic levers of our territorial system that include: human capital, with specific reference to University and research system, startups and digital artisans, our economic system and tourism and culture heritage.

Promoted by the De Luca Regional Government, part of “Campania Competitiva” strategy has been to pay close attention to the 2016 edition of the China Italy Science, Technology & Innovation Week in order to design new quality innovation paths, following the priorities defined in the policies of Smart Specialization, from aerospace to biotechnology, from building to sustainable smart communities, from agri-food to cultural heritage, to creative industries and new ICT frontiers. In partnership with the Beijing Association of Science and Technology and the Embassy of the People’s Republic of China in Italy, we have developed an interesting and integrated program, with thematic workshops and B2B meetings, to enhance exchange and cooperation between our regions in all areas of research and innovation system.

For the first time, the spotlight will be on an initiative focused on the promotion of young creators and potential entrepreneurs, entitled “Investing on Young Talents and Start-ups”, during which we will analyze national policies to support new innovative enterprises in the two countries. We have put start-uppers in the center, and not just metaphorically, with their ideas and their ability to imagine the future in the first Italy-China Best Startups Showcase, that is scheduled to close the session. Fifteen selected startups for each country will introduce themselves through a pitch session in front of an audience composed of the most important Italian and Chinese investment funds and incubators, engaged in international talent attraction activities.

Internationalization gives decisive competitive advantage but necessitates strengthening and dissemination within the research and enterprise system. In the new 2014 – 2020 programming period, we’ve been focusing our actions on the adoption of a new strategic model that includes measures to enable a constant two-way flow, which invests and involves all the competitive growth elements of the Campania system: enhancement and internationalization of human capital, opening of economic, research & innovation and cluster system and attracting new international investment.

Valeria Fascione
**Regional Councillor for Start-ups,
Innovation and Internationalization, Campania Region**

IMMAGINE

Dear Friends,

we are happy and honoured to welcome you in Italy, in Bergamo, Bologna and Naples for the Italy – China Science, Technology & Innovation Week.

This important and huge event, organised by Città della Scienza, with the University of Bergamo and University of Bologna, in collaboration with the National Research Council, aims to promote cooperation between Italy and China on innovation, science and technology, to build technological, productive and commercial partnerships in the innovative contexts research-enterprise and at the same time promote the internationalization of our production system and the attraction of new investment.

The cooperation program is a platform of national interest, promoted - on the Italian side - by the Ministry of Education, University and Research in collaboration with the Ministry of Foreign Affairs and International Cooperation, the Ministry of Economic Development, the Ministry of Health, the Ministry of Environment and the Campania Region. The platform takes advantage of the partnership with Confindustria, the ITA - Italian Trade Agency, the National Association of Italian Municipalities, the Agency for Digital Italy, the National Institute of Nuclear Physics, the Italian Space Agency, ENEA, CIRA and the most important Italian Universities.

The program has taken the same level of importance in China, where is promoted under the aegis of the Ministry of Science and Technology of the People's Republic of China, and operated by the Beijing Municipal Science & Technology Commission and the Beijing Association for Science and Technology.

The numbers and, most importantly, the quality of content and participants of the 2016 edition are impressive, the highest ever.

The Italian delegation, led by Minister of Education, University and Research, Stefania Giannini, consists of about 1000 people belonging to around 600 organizations Research Centres, Universities, Small and Medium Enterprises, Startups and Innovative Spin-off, from throughout Italy and expressions of scientific and technological excellence of our Country.

The Chinese delegation, led by Minister of Science and Technology, Wan Gang, consists of about 400 participants belonging to around 250 organisations between outstanding and prominent Research Centres, Universities, Companies, Startups, from several regions of China.

These two large and high-qualified communities of innovators will participate to an intensive three-day working program, in which almost 50 seminars and more than 600 B2B meetings are on schedule, and will have the opportunity to know each other, exchange culture, ideas, resources, and collaborate to build new partnerships, agreements and projects on some strategic sectors of reciprocal interest, identified in accordance with the guidelines of the new Italian National Research Programme and the ones of the XII Five-Year Plan of China.

The final common challenge is to contribute to develop a knowledge society in our Countries, build a new model for a sustainable, harmonious and inclusive socio-economic development, promote a dialogue between our cultures based on science, technology and innovation as a tool of peace, and a world-class inspirational example of an excellent bilateral co-operation.

Have a nice time and fruitful work!

Vincenzo Lipardi
Chief Executive Officer, Città della Scienza

SECTORS:

AEROSPACE • AGRIFOOD • GREEN CHEMISTRY • LIFE SCIENCES & HEALTH • CLEAN TECH & ENVIRONMENT • ENERGY • SUSTAINABLE MOBILITY • BLUE GROWTH • NEXT GENERATION ICT • SMART INDUSTRY • DESIGN AND CREATIVE INDUSTRIES • SMART CITIES & COMMUNITIES • TOURISM & CULTURAL HERITAGE • EDUCATION & TRAINING • SOCIO-ECONOMIC ISSUES (OPEN INNOVATION, TECHNOLOGY TRANSFER, FINANCE AND VENTURE CAPITALS, INTELLECTUAL PROPERTY).

SEMINARS:

ADVANCED MANUFACTURING SYSTEMS AND HEALTHCARE TECHNOLOGIES SECTORS will be discussed in Bergamo, **AGRIFOOD** SECTOR in Bologna; **ALL OTHER SECTORS** in Naples.

B2B MEETINGS:

THE ORGANIZATION OF **B2B** MEETINGS WILL BE ONLY IN **NAPLES** AND CONCERNS ALL SECTORS

TRANSFER OF THE CHINESE DELEGATION:

24/10 · Arrival in Bergamo/Milan

25/10 · Transfer from Bergamo/Milano to Bologna or to Naples

26/10 · Transfer from Bologna to Naples

25 OCTOBER BERGAMO



25 OCTOBER BERGAMO

FOCUS ON ADVANCED MANUFACTURING SYSTEMS & HEALTHCARE TECHNOLOGIES

Morning Session | Venue: Sant'Agostino Conference Center–University of Bergamo

8:00-8:45 REGISTRATION AND WELCOME COFFEE

9:00-10:00 OPENING PLENARY SESSION

WELCOME ADDRESSES BY

- *Remo Morzenti Pellegrini* · Rector, University of Bergamo
- *Huang Ping* · Vice Director, China-Italy Technology Transfer Center and Director, China International Technology Transfer Center
- *Fabrizio Cobis* · Head of Unit, Coordination and Development of Research Department, Italian Ministry of University, Research and Education

INSTITUTIONAL SPEECHES

- *Giorgio Gori* · Mayor, Bergamo Municipality
- *Wang Dong* · Consul General, Consulate General of People's Republic of China in Milan
- *Roberto Maroni* · Governor, Lombardy Region
- *Carlo Calenda* · Ministry of Economic Development – MISE (invited)

10:00-11:00 PLENARY SESSION

FOSTERING THE TECHNOLOGY TRANSFER BETWEEN CHINA AND ITALY: A JOINT VISION

Moderator: *Plinio Innocenzi* · Science and Technology Counsellor, Embassy of Italy in China

- *Sergio Cavalieri* · Vice-chancellor for Technology Transfer, Innovation and Valorisation of Research, University of Bergamo
- *Vincenzo Lipardi* · Chief Executive Officer, Città della Scienza
- *Gianluigi Viscardi* · Chairman, CFI: Italian Technological Cluster on Intelligent Factory
- *Margherita Barberis* · Managing Director, Italy China Foundation
- *Wang Jian* · Secretary-General, China Science and Technology Automation Alliance
- *Zhang Tao* · Director, China-Italy Business Innovation Center and General Manager, Hi-tech International Business Incubator Co., Ltd.

11:00-11:30 COFFEE BREAK

11:30-13:00 PARALLEL THEMATIC SEMINARS

For each session a consecutive translation service will be provided.

11:30-13:00 SEMINAR 1: ADAPTIVE & FLEXIBLE MANUFACTURING SYSTEMS FOR MECHATRONICS SOLUTIONS

Main topics of discussion: precision machining, additive and hybrid manufacturing for customized production systems, industrial automation and integration, real time monitoring and control, cognitive technologies for high efficiency and adaptiveness.

Moderator: *Tullio Tolio* · Director, ITIA-CNR and President of the Scientific Committee, CFI - Italian Technological Cluster on Intelligent Factory (invited)

- *Fabio Previdi* · University of Bergamo
- *Lin Jiachun* · Vice Director, Beijing Engineering Research Center of Precision Measurement Technology and Instruments (Beijing University of Technology)
- *Stefano Scaglia* · Chief Executive Officer, Scaglia Indeva and Chairman, AFIL - Lombardy technological cluster on intelligent factory
- *Xu Hongkun* · Senior Engineer, Beijing Research Center for Radiation

25 OCTOBER BERGAMO

11:30-13:00 SEMINAR 2: INDUSTRY 4.0 IN THE AUTOMOTIVE SECTOR

Main topics for discussion: cyberphysical systems, product traceability throughout lifecycle, new advanced materials, design and production of components for automotive industry.

Moderator: Marco Taisch · Politecnico di Milano

- Roberto Vavassori · Business Development Manager, Brembo and President, CLEPA - European Association of Automotive Suppliers
- Chai Yefei · General Manager, Qingdao Libo Auto Parts Precision Casting Co.
- Andrea Paganelli · Group industrial Executive director, Same Deutz-Fahr Group and Chairman, AE - Agricultural Equipment China
- Peng Yiqiang · Vice Dean, School of Automobiles and Transportation, Xihua University

11:30-13:00 SEMINAR 3: HEALTHCARE TECHNOLOGIES

Main topics for discussion: tools, machinery and equipment for medical and pharmaceutical facilities, wearable devices and e-health; new medical services, health professionals and clinical practices; information technology and biomedical practices for quantitative medicine; remote patient monitoring systems, data processing tools and predictive healthcare.

Moderator: Riccardo Pietrabissa · Politecnico di Milano and Former President, NETVAL

- Andrea Remuzzi · University of Bergamo
- Zhou Zhiping · Board Chairman, Unionluck Bio-Tech Co., Ltd
- Rosario Bifulco · Vice-President for Local Competitiveness, Assolombarda Confindustria Milano Monza e Brianza
- Liao Wei · Founder, EZLife Bio

25 OCTOBER BERGAMO

13:00-14:45 **TRANSFER TO KILOMETRO ROSSO SCIENCE PARK / POINT DALMINE & LUNCH**
PRESS CONFERENCE AND OFFICIAL INAUGURATION OF BERGAMO HUB OF THE CHINA-ITALY
TECHNOLOGY TRANSFER CENTER (CITTC) AT KILOMETRO ROSSO

Afternoon Session | Venues: Kilometro Rosso and POINT

14:45-16:00 **VISIT TO KILOMETRO ROSSO SCIENCE PARK / POINT DALMINE**

Kilometro Rosso Science Park is a managed environment that plays host to a wealth of companies, research centres, laboratories, high-tech manufacturing facilities and providers of innovation services.

The industrial visits will encompass the primary companies settled in the park, most notably:

- **Brembo SpA** is the world leader and acknowledged innovator of disc brake technology for automotive vehicles. Brembo, which is also a leader in the racing sector, supplies high performance brake systems for the most important manufacturers of cars, commercial vehicles and motorbikes worldwide, as well as clutches and other components for racing.

- The main research areas of **Mario Negri Institute** include kidney diseases and diabetes, organ transplantation immunology, clinical pharmacology, molecular and regenerative medicine, bioengineering, some aspects of cancer metastasis, and rare diseases. Currently, the center is fitted out with the latest equipment and services such as electron and confocal microscopy, sterilized rooms for cell cultures, laboratories for studying cellular and molecular biology and instruments for pharmacological dosing.

POINT is a multisector Science Park managed by Bergamo Sviluppo – the agency of the local Chamber of Commerce. It was created to foster the economic and cultural development of the territory of Bergamo. POINT hosts also a manufacturing and a service incubator.

The industrial visits will encompass the primary companies settled in the park and the labs of Intellimech, a private Consortium of high-tech enterprises dedicated to interdisciplinary research into mechatronics, which comprises advanced electronics, computer and ICT systems and mechanical design for application in a wide range of industrial fields.

16:30 **TRANSFER TO CENTRAL STATION – MILAN OR BOLOGNA**

26 OCTOBER BOLOGNA



26 OCTOBER BOLOGNA

FOCUS ON AGRIFOOD

Venue: Building of the Emilia-Romagna Region, Terza Torre

8:20-9:00 REGISTRATION

9:00-9:30 OPENING PLENARY SESSION

WELCOME ADDRESS BY THE ORGANISERS

- *Francesco Ubertini* · Rector, Alma Mater Studiorum Università di Bologna
- *Patrizio Bianchi* · Regional Councillor for Education and Research, Emilia-Romagna Region
- *Huang Ping* · Director, China International Technology Transfer Center
- *Fabrizio Cobis* · Head of Unit, Coordination and Development of Research Department, Italian Ministry of Education, University and Research

INSTITUTIONAL WELCOME

- *Matteo Lepore* · Deputy Mayor for Economic Development and City Promotion, International Relations
- *Wang Dong* · Consul General, Consulate General of People's Republic of China in Milan

9:30-11:00 PLENARY SESSION

AGRIFOOD PRIORITIES IN THE REGIONAL, NATIONAL AND INTERNATIONAL SYSTEMS

The session will introduce policies and key actors at local, national and international level in the Agrifood system, with focus on the strategic role played by the collaboration with China.

Moderator: *Plinio Innocenzi* · Science and Technology Counsellor, Embassy of Italy in China

Speakers:

- **EMILIA-ROMAGNA REGION COMPETENCIES AND STRUCTURES IN THE AGRICULTURAL SECTOR**

Simona Caselli · Regional Councillor for Agriculture, Forestry and Fishery, Emilia-Romagna Region

- **REGIONAL AND NATIONAL INNOVATION POLICIES FOR AGRIFOOD AND THE ROLE OF CLUSTER CL.A.N.**

Paolo Bonaretti · President, National Agrifood Cluster CL.A.N. and General Director, ASTER

- **THE GREEN FUTURE OF CHINESE URBAN AGRICULTURE**

Liu Jun · Secretary General, Beijing Ecological Creative Agricultural Services

- **AGRIFOOD AND BIOECONOMY IN EUROPE AND ITALY**

Fabio Fava · UNIBO, Italian Representative in H2020 Programme Committee; European Bioeconomy Challenges: Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and Italian Representative e Vice Chair, States Representatives Group of the Public Private Partnership Biobased Industry

- **ITALIAN FOOD & DRINK INDUSTRY: DATA AND TRENDS**

Paolo Zanetti · Vice-President, Italian Federation of the Food Industries

- **DEVELOPEMENT AND APPLICATION OF THE PLANT MICROECOLOGICAL PREPARATION**

Li Yan · Associate Professor, China Agricultural University

- **PRESENTATION OF THE ITALIAN AGROFOOD THEMATIC PARK: FABBRICA ITALIANA CONTADINA- F.I.CO EATALY WORLD**

Andrea Segrè · UNIBO and Fabbrica Italiana contadina

- **RESEARCH ON CHINESE FARMERS' ENTREPRENEURSHIP**

Huang Delin · Professor, Institute of Agricultural Economics and development, Chinese Academy of Agricultural Sciences

26 OCTOBER BOLOGNA

11:30-13:30 PARALLEL SEMINARS:

AGRIFOOD RESEARCH AS DRIVER OF INNOVATION: FROM THE LOCAL SMART SPECIALIZATION TO THE INTERNATIONAL DIMENSION *(in collaboration with CL.A.N. National Agrifood Cluster)*

Agrifood, which is a key sector in Italy, has known an increasing expansion in China, due to an intense development in the Chinese food industry, to the dimension of the Chinese market and thanks to the growing attention paid by consumers and authorities to issues such as nutrition and health, food safety, food quality, sustainable production.

The parallel Seminars will therefore explore the potential Sino-Italian cooperation opportunities along the following topics that have been identified as priority research and innovation challenges in the food sector.

11:30-13:30 SEMINAR 1: HEALTH AND WELLBEING THROUGHOUT THE ENTIRE LIFE CYCLE

The Seminar shall be focused on the challenges of preventing diet-linked diseases, with particular emphasis on the nutritional needs of specific groups of the population.

Moderator: *Antonio Logrieco* · CNR National Research Council, Director Institute of sciences of food production

- **PRESENTATION OF CL.A.N. CHALLENGE 1 ON FOOD AND HEALTH AND WELLBEING**

Patrizia Brigidi · University of Bologna and National Agrifood Cluster CL.A.N.

- **DRINKING MOLYBDENUM BASED ON MOLYBDENUM NUTRITION MECHANISM TO IMPROVE EYE HEALTH**

Cheng Xuexiang · President, HuBei FengHuang BaiYunShan Pharmaceutical Co.,Ltd

- **RED JUJUBE AND REGIMEN**

Hao Shuhong · Board Chairman, Jiangsu ZAOLE Food Sales Co., Ltd

- **NEW FRONTIERS OF THE AGRIFOOD SECTOR**

Matteo Lorito · Director, Department of Agriculture Sciences, University of Naples Federico II

11:30-13:30 SEMINAR 2: FOOD SAFETY AND FOOD QUALITY

The Seminar shall be focused on the challenges of improving the safety of products by intervening in every phase: from primary production to transformation, conservation, distribution and the preparation of food, improving the quality of foods, with an end to improving the quality of life of consumers.

Moderator: *Gerardo Manfreda* · University of Bologna

- **PRESENTATION OF CL.A.N CHALLENGE 2 AND 3 ON FOOD SAFETY AND FOOD QUALITY**

Cristina Di Domizio · Federalimentare and National Agrifood Cluster CL.A.N. and *Giovanna Zappa*, ENEA Italian National Agency for New Technologies, Energy and Sustainable Economic Development and National Agrifood Cluster CL.A.N

- **FAST GENE DETECTION PLATFORM FOR FOOD SAFETY**

Zhang Chenguang · General Manager, Yihuo Bio

- **BRIEF INTRODUCTION OF CHINESE ORGANIC CERTIFICATION**

Xue Jianzhong · Director, Beijing Co-Ops Integrity Certification Center

- **BIO-ORGANIC FERTILIZER TO ENSURE FOOD SAFETY**

Wang Shuping · President, Beijing Genliduo Bio Science and Technology Co. Ltd.

- **GELATO - THE SWEET BRIDGE BETWEEN CHINA & ITALY**

Cui Jianwei · Founder, Savage Mill

- **ANALYTICAL METHODS TO ENSURE FOOD QUALITY AND AUTHENTICITY AT GLOBAL SCALE. THE CASE OF OLIVE OIL.**

Tullia Gallina Toschi · UNIBO and Coordinator of the H2020 European project OLEUM

- *Sara Roversi* · You Can Group s.r.l.

26 OCTOBER BOLOGNA

11:30-13:30 SEMINAR 3: SUSTAINABLE AND COMPETITIVE FOOD PRODUCTION

The Seminar shall be focused on the challenges of Intensifying production, reducing the environmental impact and the pressure on natural resources whilst at the same time making products that are healthy and safe, and which allow people to enjoy a varied and balanced diet in terms of energy and nutrients.

Moderator: *Antonella Samoggia* · University of Bologna and ERVET-Emilia Romagna Economic Development Agency Ltd

- **PRESENTATION OF CL.A.N. CHALLENGE 4 ON SUSTAINABLE AND COMPETITIVE FOOD PRODUCTION**

Giovanni Sorlini · INALCA S.p.A

- **BRIEF INTRODUCTION OF BIODYNAMIC APPLICATION IN BEIJING**

Fu Yuanhui · CTO, Beijing Organic Agrobusiness Co.Ltd

- **THE LAW AND SCIENCE HELP THE BENIGN DEVELOPMENT OF GRAIN PRODUCTION**

Zhou Hao · Deputy Secretary General, Beijing Ecological Creative Agricultural Services

- **SUSTAINABLE WATER MANAGEMENT IN AGRICULTURE**

Davide Viaggi · University of Bologna

11:30-13:30 SEMINAR 4: MACHINES AND PLANTS FOR THE FOOD INDUSTRY

The Seminar shall be focused on the challenges of improving the functional nature of production plants, products and materials used in food production processes.

Moderator: *Arnaldo Dossena* · University of Parma and Emilia Romagna High technology network - Agrifood Platform

- **PRESENTATION OF CL.A.N CHALLENGE 5 ON MACHINES AND PLANTS FOR THE FOOD INDUSTRY**

Consuelo Attolico · Project Manager, Parco Tecnologico Padano PTP-Science park

- **APPLICATION OF THE INTEGRATED SYSTEM OF WATER AND FERTILIZER IN AGRICULTURAL PRODUCTION**

Wu Jianwei · Vice General Manager, Beijing PAIDE Science and Technology Development Co.Ltd

- **INNOVATION AND OPTIMISATION OF FOOD PLANTS**

Marco Dalla Rosa · Director, Interdepartmental Centre for Industrial Agrofood Research

- **CONSOLIDATE CONSENSUS AND PROMOTE ECO - FERTILIZER**

Sun Lixin · Executive Editor, China Agri-production News

9:30-15:30 POSTER SESSIONS AND DEMO BOOTHS

A specific area of the venue will be dedicated to Posters, where companies and researcher can describe their activities, research results and cooperation opportunities and interact with the audience. Moreover, an area will be devoted to demonstration and prototypes.

Poster and demo are prepared by: *Aluigi Annalisa; Bendini Alessandra; Bonoli Alessandra; Borghi Carlo Angelo, Pogliayen Giovanni; Brasili Cristina; Buonocore Giovanna; Canavari Maurizio; Candela Marco; Capranico Giovanni; Casadio Rita; Celli Annamaria, Sisti Laura; Dalla Rosa Marco; Davoli Roberta, Zambonelli Paolo; Fontanesi Luca; Hrelia Silvana, Hrelia Patrizia, Prata Cecilia; Laghi Luca; Lanciotti Rosalba; Manzini Riccardo, Accorsi Riccardo; Molari Giovanni; Nasuelli Piero Augusto; Palmonari Alberto; Petracci Massimiliano; Riccò Bruno; Riponi Claudio, Chinnici Fabio; Rodriguez Estrada Maria Teresa, Gallina Toschi Tullia; Romani Santina; Rombolà Adamo Domenico; Sirsi Eleonora; Tassoni Annalisa; Tonelli Domenica; Trevisi Paolo; Tuberosa Roberto, Silvio Salvi; Vittuari Matteo; Zanaroli Giulio.*

26 OCTOBER BOLOGNA

13:30-15:00 LIGHT LUNCH AND OUTREACH EVENT: SHOW COOKING

Before leaving, a present prepared by the students of the Viticulture and Enology Degree Programme, UNIBO - Cesena Campus will be offered to the members of the Chinese Delegation.

TRANSFER OF THE CHINESE DELEGATION FROM BOLOGNA TO NAPLES (BY TRAIN)

26 OCTOBER NAPLES





LEGEND:



CONFERENCE CENTRE



BUSINESS EXHIBITION AREA



B2B AREA



DIGITAL FABRICATION ZONE AREA



EXHIBITION AREA

26 OCTOBER NAPLES

SINO-ITALIAN EXCHANGE EVENT

Venue: Città della Scienza

8:00-9:00 REGISTRATION

9:00-10:00 PLENARY SESSION

WELCOME ADDRESS BY

- Vincenzo Lipardi · Chief Executive Officer, Città della Scienza

INSTITUTIONAL SPEECHES

- Song Chengjie · Chief Correspondent in Italy, China Radio International
- Ambrogio Prezioso · President, Industrial Association of Naples
- Huang Jianling · Director, Beijing Transportation Information Centre
- Gaetano Manfredi · President, the Italian Universities Conference
- Wu Ling · President, International Solid State Lighting Alliance
- Enrico Panini · Councillor for Economic Development, Naples Municipality
- Tian Wen · Vice-Chairman, Beijing Association for Science & Technology
- Cao Jianye · Counsellor for Science and Technology, Embassy of the People's Republic of China in Italy
- Rosa D'Amelio · President, Regional Council of Campania

CELEBRATION OF THE 10TH ANNIVERSARY OF SINO-ITALIAN EXCHANGE EVENT

(video story-telling)

10:00-11:30 BEIJING-ITALY INVESTMENT ENVIRONMENT AND HEADQUARTERS ECONOMIC DEVELOPMENT: STARTUP, INNOVATION AND INTERNATIONALIZATION

Italy has been one of the first countries launching scientific and technological cooperation program with China, aiming at promoting creation, innovation and development of innovative startups and enterprises of both countries, as well as opportunities of b2b matching and joint projects. The panel will provide interventions by Italian and Chinese Region representatives, showing innovative experiences at local and international level involving both countries.

INTRODUCTION AND MODERATION

- Valeria Fascione · Regional Councillor for Internationalization, Innovation and Startups, Campania Region

Speakers:

- Monica Barni · Vice President, Tuscany Region
- Yin Huilong · Principal Staff Member of Headquarters Economy Development Division, Beijing Municipal Commission of Commerce
- Amedeo Lepore · Regional Councillor for Economic Development, Campania Region
- Cheng Jun · Director of the Innovation Service Center, Zhongguancun Fengtai Science Park
- Guido Fabiani · Regional Councillor for Economic Development, Lazio Region
- Li Guoliang · Vice President, Fangshan Association for Science & Technology
- Domenico Arcuri · Chief Executive Officer, Invitalia

11:30-13:00 PARALLEL SEMINARS

11:30-13:00 SEMINAR 1: OPPORTUNITIES FOR CHINA-ITALY COOPERATION IN HEALTH RESEARCH AND INNOVATION, COMBINING TRADITION AND ADVANCED R&I

The growth of the biotechnology industry in China has long been seen as strategic task by the central government. The panel will therefore explore the potential Sino-Italian cooperation opportunities in the various biotechnology applications and in their use in different industries (pharmaceutical, food, cosmetics etc). The growing demand for biotech products, the increasing government support, and trends toward globalized R&D leaves room for further cooperation between Italian companies and research centers and key domestic players in both the public and the private sector. Exchange between enterprises and associations of TCM and Biomedicine on technologies and products. Chinese and Italian delegations speech on the issues of interest topics with free discussion form.

Moderators: Giuseppe Martini · Responsible for Health programs, Città della Scienza

Zha Anhua · Project Specialists, Beijing Traditional Chinese Medicine International Exchange and Cooperation Center

26 OCTOBER NAPLES

INTRODUCTION BY

- **CONCRETE OPPORTUNITIES OF COOPERATION IN THE FIELDS OF LIFE SCIENCES.**

Daniela Corda · Representative, National Technological Cluster ALISEI and Director, Institute of Protein Biochemistry, CNR-National Research Council

Mario De Rosa · President, Regional Innovation District Campania Bioscience

Speakers:

- **FROM BIOINFORMATICS TO SYSTEMS BIOLOGY**

Diego Liberati · National Research Council

- **INTERPRETATION OF BEIJING TRADITIONAL CHINESE MEDICINE POLICY**

Zhu Yuanzheng · Principal Staff Member, Beijing Administration of Traditional Chinese Medicine

- **INTRODUCTION OF BEIJING PHARMACEUTICAL INDUSTRY**

Zhou Yulan · Secretary General, Beijing Pharmaceutical Profession Association

- **MARCHING TOWARDS THE WORLD-BEIJING TONG REN TANG**

Song Weiqing · Deputy General Manager, Beijing Tong Ren Tang Shareholding Co., Ltd

- **NANOMEDICINE: THE FUTURE OF MEDICINE**

Gianfranco Peluso · SORRISO S.c.a r.l.

- **INHERIT THE ESSENCE OF TRADITIONAL CHINESE MEDICINE CULTURE, ENJOY THE TRADITIONAL CHINESE MEDICINE SCIENCE AND TECHNOLOGY INNOVATION**

Yang Zhongbing · Chairman, Beijing Tcmages Pharmaceutical Co., Ltd.

Posters:

- **IN VITRO, IN SILICO AND LIVE-CELL MONITORING OF PROTEIN INTERACTIONS WITH ANTICANCER DRUGS AND METAL NANOPARTICLES**

Fabio Arnesano · Department of Chemistry, University of Bari Aldo Moro and Interuniversity Consortium for Research in the Chemistry of Metal Ions in Biological Systems (CIRCMSB)

- **BIOACTIVE MOLECULES FROM THE MARINE ENVIRONMENT**

Margherita Gavagnin · Institute of Biomolecular Chemistry - National Research Council

11:30-13:00 SEMINAR 2: SMART CITIES: ENERGY AND SUSTAINABLE BUILDING

The concept of Smart Cities has been gaining an increasing popularity in China leading to hundreds of approved pilot projects all around the country. In this sense, a comparative analysis of the evolution experienced by some Italian cities and the needs of some Chinese urban centers has revealed more and more interesting connections, favouring the establishment of joint projects and initiatives. The panel seeks to explore the different operating models belonging to the smart city concept and how it is defined by the convergence and the optimization of different sectors and sub-sectors.

Moderator: *Aurelio Tommasetti* · Rector, University of Salerno (tbc)

INTRODUCTION BY

- *Marco Iuorio* · General Director, Regional Innovation District STRESS

26 OCTOBER NAPLES

Speakers:

- **PRESENT SITUATION AND DEVELOPMENT OF BEIJING NEW ENERGY AUTOMOBILE INDUSTRY**

Wang Chen · Division Deputy Head, Beijing Transportation Information Center

- **THE 'SMART CITIES & COMMUNITIES' VISION AND PROJECTS BY ENEA**

Stefano Pizzuti · E.N.E.A. - Energy dept. - Smart Energy division

- **FUEL CELL SYSTEM: ATENA TECHNOLOGY INNOVATIONS**

Elio Janelli · Atena scarl - Fuel Cell Lab

- **THE INTRODUCTION OF BEIJING MUNICIPAL TRANSPORTATION OPERATIONS COORDINATION CENTER**

Zhao Jingjie · Engineer, Beijing Municipal Transportation Operations Coordination Center

- **THE SMART BUILDING PROJECT FOR FUTURE SMART CITIES: THE ROLE OF ADVANCED TESTING LABORATORIES IN INNOVATION FOR SUSTAINABLE CONSTRUCTION PROCESSES**

Martino Milardi & Corrado Trombetta · Architecture and Territory - DARTE, Mediterranean University of Reggio Calabria

- **NEW MATERIALS APPLIED IN SUSTAINABLE BUILDING**

Wang Fei · Beijing Chaolun Science and Technology Development Co.,Ltd

- **ENRCOP - SMART SYSTEM FOR THE DETECTION OF ECONOMIC LOSS ON ELECTRIC GRIDS**

Filippo Ugolini · AGT S.r.l.

Posters:

- **ICT SOLUTIONS FOR MONITORING AND CONTROL OF ENERGY FLOWS**

Vincenzo D'Agostino · Omnia Energia SPA

- **NEW RENEWABLE ENERGY**

Marcello De Luca · Mediterannean Design Network srl

- **IP PLATFORMS AND SATELLITE NETWORKS FOR INTEROPERABILITY AMONG SYSTEMS, TO IMPROVE PERFORMANCE AND TO ENHANCE SMART CITY CAPABILITY**

Michele Luglio, NITEL

11:30-13:00 SEMINAR 3: SMART TRANSPORTATION

Within the general framework of the people-centric approach promoted by the smart city revolution, several cooperation opportunities between Italy and China can be identified in the transport sector and in its several sub-systems as real-time monitoring, data transferring and analyzing, internet of cars or, more in general, in all the areas included in the Smart Transportation and Smart Mobility concept.

Moderators:

Paolo Scudieri · President, Regional Innovation District DATTILO

Huang Jianling · Director, Beijing Transportation information Center

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INTRODUCTION BY

- *Enrico Pisino* · President, Italian Technological Cluster of excellence TRASPORTI ITALIA 2020

Speakers:

- **INTRODUCTION OF BEIJING SMART GROUND BUS**

Chen Zhihong · Deputy Director, Beijing Municipal Transportation Operations Coordination Center

- **COMPOSITE MATERIALS FOR SUSTAINABLE MOBILITY: IMAST INNOVATIVE SOLUTIONS**

Eva Milella · President, Regional Innovation District IMAST

- **INTRODUCTION OF BEIJING SMART RAIL TRANSIT**

Wang Bo · Director Assistant, Beijing Transportation Information Center

- **ELECTRIC VEHICLE POWERTRAIN TECHNOLOGY**

Claudio Rossi · Dept. of Electrical Engineering, University of Bologna

- **THE PRESENT SITUATION AND DEVELOPMENT OF PUBLIC BICYCLES IN BEIJING**

Shi Chunhui · Engineer, Beijing Municipal Transportation Operations Coordination Center

- **ORCHESTRATED AIRPORTS**

Luigi Perreca · President, Regional Innovation District "MOST" - Transportation Area

- **TITLE** (to be defined)

Meng Jun · Deputy Director of Technology R&D Center, Beijing Municipal Bridge Maintenance Management Group Co., Ltd

- **TRAIN TO GROUND COMMUNICATION FOR CBTC**

Marco De Angelis · Gematica

Posters:

- **BATTERY SWAP SYSTEM AND SMART GRID**

Francesco Di Pietrantonio · PICCHIO S.P.A.

- **TECHNOLOGIES FOR INFRASTRUCTURE MONITORING AND ENVIRONMENTAL SAFETY**

Tullio Salmon Cinotti · University of Bologna - Research Center on Electronic Systems "Ercole De Castro"

11:30-13:00 SEMINAR 4: TECHNOLOGY PARKS & INDUSTRIAL DISTRICTS

Industrial districts and technology parks have been spreading in Italy and in several regions of China during last decades, offering investment opportunities to foreign SME in high added value production sectors like: aerospace, energy, IT, hi-tech, new materials and others. Technology parks help enterprises entering international opportunity networks and attract foreign investments and attention. Representatives of Italian and Chinese best practices in this field will provide analysis about cooperation opportunities.

Moderators: *Riccardo De Falco* · Director, Eurosportello, Chamber of Commerce of Naples

Li Guoliang · Vice President, Fangshan Association for Science & Technology

INTRODUCTION BY

Edoardo Imperiale · Vice-President, APSTI (Italian Association of Scientific and Technological Parks) and Director of Business Development, Sviluppo Campania

Speakers:

- **INTRODUCTION OF BEIJING FANGSHAN DISTRICT SCIENCE & TECHNOLOGY CENTER**

Yan Yang · Deputy Director, Beijing Fangshan District Science & Technology Center

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- **THE ROLE OF THE CAMPANIA AEROSPACE TECHNOLOGICAL DISTRICT**

Luigi Carrino · President, DAC-Campania Aerospace Technological District and President, Cira (Italian Aerospace Research Centre)

- **TOWARDS THE BLUE GROWTH TECHNOLOGICAL DISTRICT**

Roberto Danovaro · President, Stazione Zoologica Anton Dohrn - Blue Growth Technological District

- **ZHONGGUANCUN FENGTAI SCIENCE PARK DEVELOPMENT PRACTICE**

Cheng Jun · Director, Innovation Service Center, Zhongguancun Fengtai Science Park

- **VEGA, Technological Scientific Park of Venice (tbc)**

- **Zhang Aimin** · Director of AHRC, College of Science and Technology Development, Beijing University of Technology

- **A NEW DEAL FOR REGIONAL INNOVATION ECOSYSTEMS: EXPERIENCES AND RESULTS IN THE REGIONE LAZIO**

Luigi Campitelli · Lazio Innova

- **JOINT STRATEGIES AND TECHNOLOGY PARKS: THE SMART BAY PROJECT**

Massimo Varrone · Business Innovation Center, Città della Scienza

- **AIC: THE KNOWLEDGE-BASED INDUSTRIAL PARK OF NAPLES**

Bruno Uccello · President, AT Coroglio

11:30-13:00 SEMINAR 5: PROMOTING THE ITALIAN-CHINESE SOLID STATE ALLIANCE

In this session some relevant photonic innovative solutions will be analyzed. Particular attention is devoted to LED for lightening and to optical fiber sensors for industrial applications such as safety, security and medicine.

WELCOME ADDRESS

- *Piero Salatino* · President, Polytechnic School - University of Naples Federico II

Moderator: *Antonello Cutolo* · President, Consortium TOP-IN

Speakers:

- **GALLIUM NITRIDE: THE IDEAL MATERIAL FOR GREEN TECHNOLOGIES, FROM SOLID STATE LIGHTING TO EFFICIENT POWER CONVERSION**

Matteo Meneghini · University of Padua, Department of Electronic Engineering

- **LIGHTING BEYOND**

Zhang Guoqi · Professor, Technical University of Delft

- **INDUSTRIAL DESIGN STRATEGY FOR LED LAMPS**

Carlo D'Alesio & Piero Santoro · Experts in Lighting Design, D'Alesio&Santoro srl

- **DISCUSSION ON LIGHT ENVIRONMENT AND THE INNOVATIVE APPLICATION OF LED**

Lin Yandan · Professor, Fudan University

- **DEVICES AND SYSTEMS FOR: POWER ELECTRONIC, OPTOELECTRONIC, TELECOMMUNICATIONS, ETC**

Gianluca Breglio · Department of Electric Engineering and Information Technologies, University of Naples Federico II

- **ORGANIC OPTOELECTRONICS AS A NEW PARADIGM FOR LIGHTING**

Stefano Toffanin · Institute for the Study of Nanostructured Materials, National Research Council (CNR)

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11:30-13:00 SPECIAL EVENTS

INVESTING ON YOUNG TALENTS AND STARTUPS

The panel will provide a frame of national incentives and measures set up in both countries to enhance creation and internationalization of startups.

In Italy several incentives related to creation of startups have been established by the Government in last years, helping new creation and development startup (i.e. Startup Rotational Fund, Smart&Start etc.) as well as incentives regarding internationalization that help foreign entrepreneurs launching a startup in Italy (Startup Visa). China is strongly engaged in investing on young talents and startups, also through international cooperation projects.

Moderator: *Alberto Di Minin* - Netval and Professor, Sant'Anna School of Advanced Studies-Pisa

INTRODUCTION BY

- *Valeria Fascione* - Regional Councillor for Internationalization, Startup and Innovation, Campania Region

Speakers:

- **ITALIAN POLICIES FOR THE CREATION AND ATTRACTIVENESS OF INNOVATIVE STARTUPS**

Stefano Firpo - Director General for Industrial Policies, Competitiveness and SMEs, Ministry of Economic Development

- **INTERNATIONAL TECHNOLOGY TRANSFER IN CHINA & INNOVATION ENTREPRENEURSHIP COOPERATION**

Yao Weike - President, China Association for International S&T Cooperation (CAISTC)

- **THE ROLE OF BICs AND THE VISION OF EBN IN THE EUROPEAN START-UP AND SCALE-UP POLICY**

Philippe Vanrie - Chief Executive Officer, EBN (European Business Network)

- **PRACTICES OF INTERNATIONAL INNOVATION ACHIEVEMENT INDUSTRIALIZATION IN CHINA**

Chang Linzhao - Director Productivity Promotion Center, Henan Province and Executive Director, China Association of Productivity Promotion Centers

- **BUSINESS CREATION AND INNOVATION IN THE KNOWLEDGE BASED ECONOMY: IDEAS FOR THE FUTURE**

Vincenzo Lipardi - Chief Executive Officer, Città della Scienza

- **OPPORTUNITIES FOR ITALIAN STARTUPS IN CHINA**

Francesco Rossi - Techsilu

- **CONCLUSIONS**

Marco Simoni - Councillor for Economic Policies, Italian Presidency of the Council of Ministers (tbc)

14:30-17:30 B2B MEETINGS

15:00-17:00 ROUNDTABLE 6: TRADITIONAL CHINESE MEDICINE

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15:00-17:00 **ROUNDTABLE 7: PROMOTING THE ITALIAN-CHINESE SOLID STATE ALLIANCE: SPECIFIC PROJECTS, PRODUCTS AND TECHNOLOGIES**

Speakers:

- *Laura Bellia* · Department of Industrial Engineering University of Naples Federico II
- *Yu Hua* · Chief Executive Officer, 720 (Beijing) Health and Technology Co., Ltd.
- *Antonio Maria Tullino* · Department of Electric Engineering and Information Technologies, University of Naples Federico II
- *Chen Min* · Founder, Beijing Hongyanrongchang Energy-saving Technology Co., Ltd.
- *Roberto Canonico* · Department of Electric Engineering and Information Technologies, University of Naples Federico II
- *Tan Dengfeng* · General Manager, Beijing Renguang Technology Co., Ltd.
- *Antonio Iodice* · Department of Electric Engineering and Information Technologies, University of Naples Federico II

14:30-17:30 **SPECIAL EVENTS ITALY-CHINA BEST STARTUPS SHOWCASE | PICH SESSION**

Italy-China best startups showcase 2016, whose first edition will take place in Naples, in the frame of Italy-China Science, Technology and Innovation Week, is offering to 15 best innovative and market-proven startups selected in each Country, the chance to present themselves and their products/services to an audience composed by Italian and Chinese financial operators and investors (Investments Funds, Venture Capital, Business Angels, Banks) as well as incubators interested to attract startups offering them soft-landing services (spaces, competences, networking activities).

INTRODUCTION BY

- *Marco Cantamessa* · President, PNI Cube (Association of Italian Incubators)

11:00-18:00 **SPECIAL EVENTS**

• **DIGITAL FABRICATION ZONE**

It is an area dedicated to show & share Italian and Chinese projects realized through digital fabrication, with the aim to stimulate cooperation between Italian and Chinese makers, young talents, researchers, startups, entrepreneurs and students in several sectors (3D printing, electronics, prototyping, Manufacturing 4.0). It is organized by Città della Scienza and Maker Faire – the European Edition and will take place around the D.RE.A.M. FabLab (Design and Research in Advanced Manufacturing laboratory) of Città della Scienza.

EXHIBITION AREA

25 booths available for Chinese and Italian participants to show their own projects, products, prototypes.

WORKSHOPS (11.00 to 13.00) on the following topics: Biomedical; Design & Fashion; Architecture.

The workshops will be focused on the construction of 3 prototypes on the basis of projects pre-designed by D.RE.A.M. FabLab experts.

(insert photo)

- **BUSINESS EXHIBITION:** public institutions and private companies will expose their projects and technologies

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ITALY-CHINA INNOVATION FORUM

Venue: Città della Scienza

8:00-9:00 REGISTRATION

9:00-11:00 OPENING CEREMONY

MUSICAL WELCOME

Chinese and Italian musicians of the Conservatory of Naples San Pietro a Majella

WELCOME ADDRESS

- *Vincenzo Lipardi* · Chief Executive Officer, Città della Scienza

INSTITUTIONAL ADDRESSES

- *Yan Aoshuang* · Director General, Beijing Municipal Science & Technology Commission
- *Vincenzo Boccia* · President, Confindustria
- *Ettore Sequi* · Ambassador of Italy in China (tbc)
- *Li Ruiyu* · Ambassador of People's Republic of China in Italy
- *Luigi de Magistris* · Mayor, Naples Municipality
- *Vincenzo De Luca* · Governor, Campania Region

SHORT VIDEO ON BERGAMO AND BOLOGNA SESSIONS

Presentation by *Remo Morzenti Pellegrini*, Rector, University of Bergamo
and *Alessandra Scagliarini*, Vice Rector for International Relations, Alma Mater Studiorum University of Bologna

KEYNOTE SPEECHES BY THE MINISTERS

- *Wan Gang* · Minister of Science and Technology
- *Stefania Giannini* · Minister of Education, University and Research

• ITALY-CHINA STARTUPS COOPERATION

Introduction by *Valeria Fascione* · Councillor for Internationalization, Startups and Innovation, Campania Region

ITALY-CHINA BEST STARTUPS SHOWCASE

by *Marco Cantamessa* · President, PNI Cube

CHINA-ITALY INNOVATION AND ENTREPRENEURSHIP COMPETITION

by *Giuliano Noci* · Vice-Rector for China Polytechnic of Milan

- **AWARD CEREMONY** to Chinese personalities for their contribution to the bilateral cooperation in Science and Technology (2nd Edition)

Introduction by *Elda Morlicchio*, Rector, University of Naples L'Orientale

Prizes will be given by *Vittorio Silvestrini*, President, Città della Scienza

- **SIGNING CEREMONY** for bilateral agreements

11:00-11:45

PLENARY SESSION

BUILDING A BETTER CONNECTED WORLD IN THE NEW DIGITAL ECONOMY

- *Sanqi Li* · Chief Technology Officer of Product and Solutions, Huawei

THE EUROPEAN UNION – CHINA COOPERATION ON RESEARCH AND INNOVATION FOR CREATING NEW HORIZONS AND DEVELOPMENT MODEL

This session aims to strengthen the dialogue between the European strategy in research and innovation included in the HORIZON2020 framework and the Made in China 2025 Plan.

Moderator: *Gaetano Manfredi* · President, Italian Universities Conference

- *Vincenzo Amendola* · Under Secretary, Italian Ministry of Foreign Affairs and International Cooperation
- *Maria Cristina Russo* · Director of International Cooperation - DG for Research & Innovation European Commission
- *Chen Jiachang* · Deputy Director General for China and EU cooperation, Ministry of Science & Technology
- *Francesco Grillo* · Counsellor for Innovation, Italian Minister for Education, University and Research

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11:15 OFFICIAL INAUGURATION OF NAPLES HUB OF THE CHINA-ITALY TECHNOLOGY TRANSFER CENTER (CITTC)

11:45-13:30 PARALLEL SEMINARS

11:45-13:30 SEMINAR 1: STRATEGIES FOR PREVENTION IN HEALTH

Since the project of the China's national health care reform was unveiled, the bilateral cooperation between China and Italy in the sector has been growing and intensifying. If the first stage of reforms saw a big effort in the acquisition of technologies for disease treatment, nowadays the Country has reached the second stage by putting prevention first. Representatives of the Italian Ministry of Health will provide interesting analysis about the operational and strategic role of institutional actors by illustrating the Italian mechanism in this sense.

Moderator: *Giuseppe Martini* · Responsible for Health Programs, Città della Scienza

ADDRESS BY

- *Giuseppe Paolisso* · Rector, Second University of Naples

INTRODUCTION BY

- *Raniero Guerra* · Director-General for Health Prevention, Italian Ministry of Health

Speakers:

• **HOW DOES WE REALLY SCALE UP HEALTHCARE?**

Li Jing · Assistant Director, National Center for Cardiovascular Diseases, Fuwai Hospital

• **RX FREE MAMMOGRAPH FOR EARLY BREAST CANCER DETECTION**

Gianluigi Tiberi · UBT SRL Umbria bioengineering technologies - Spin Off of University of Perugia

- *Silva Bortolussi* · National Institute of Nuclear Physics (INFN)

• **CHINESE ACUPUNCTURE: HISTORY, DEVELOPMENT AND APPLICATION**

Wang Linpeng · M. D., Beijing Hospital of Traditional Chinese Medicine

• **INTEGRATED IMAGING DIAGNOSTIC AND DISEASE PREVENTION**

Andrea Soricelli · Research Institute SDN and University of Naples Parthenope

• **LANDING ITALIAN BIOMEDICAL PRODUCTS IN CHINA AND FURTHER MARKETING EXPLORE**

Dai Rujun · Managing Director, Beijing Ted Rehabilitation Technology Co., Ltd.

• **SINO-ITALIAN INTERNATIONAL JOINT LABORATORY FOR MEDICAL RESEARCH, INNOVATION AND TECHNOLOGICAL AND KNOW HOW TRANSFER. A MODEL TO BE SUPPORTED BY PPP BILATERAL PUBLIC INSTITUTIONS PRIVATE FACTORIES SCIENTIFIC AND ECONOMIC SUPPORT.**

Franco Naccarella · Euro China Society for Health Research and Technologies Transfer Europe Italy China Srl - China Italy Joint Research Laboratories

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11:45-13:30 SEMINAR 2: ADVANCED HEALTHCARE IN ACTION

Moderator: *Alfredo Budillon* · Chief Experimental Pharmacology Unit, Institute for Cancer Research and Treatment - IRCCS “G. Pascale Foundation”

INTRODUCTION BY

Enrico Coscioni · Regional Councilor for Health, Campania Region (tbc)

Speakers:

- **NONINVASIVE BREAST CANCER DETECTION BY MASS SPECTROMETRY-BASED PROFILING OF EXHALED BREATH AND PLASMA**
Rosaria Orlandi · Dept. of Experimental Oncology and Molecular Medicine, IRCCS Foundation, National Tumor Institute
- **INNOVATION BOOST “ONE BELT ONE WAY” THE DEVELOPMENT OF HEALTH**
Cheng Gang · Beijing Kang Lisheng Pharmaceutical Technology Development Co., Ltd.
- **THE FLOATING BUILDING**
Ciro Verdoliva · Commissioner, New Hospital of the Sea
- **CELOCENTESIS: AN EXCLUSIVE TECHNIQUE OF PRENATAL DIAGNOSIS BY COELOMIC FLUID FETAL CELLS**
Aurelio Maggio · Fondazione Franco e Piera Cutino - A.O.O.R. Villa Sofia - Cervello - Department of Hematology and Oncology “Villa Sofia - V.Cervello” Hospital
- **NON-INVASIVE GENETIC DETECTION INTRODUCTION OF EFFIRM LIQUID BIOPSY PLATFORM**
Liao Wei · Founder, Yihuo Bio
- **HOW TO GIVE AN INTEGRATED RESPONSE TO THE POPULATION’S HEALTH NEEDS IN AN URBAN AREA**
Angelo Tanese · General Manager, ASL Roma 1
- **NEW TECHNOLOGIES IN RADIOTHERAPY TREATMENT**
Paolo Muto · Director of Radioterapy, Institute for Research and Treatment - IRCCS “G. Pascale Foundation”
- **KNOWLEDGE TECHNOLOGIES FOR BUILDING INNOVATIVE E-HEALTH APPLICATIONS**
Giuseppe De Pietro · Ehealthnet scarl

11:45-13:30 SEMINAR 3: AEROSPACE

The panel will focus on the needs and priorities that the national aerospace stakeholders have developed over the last years based on global market trends and sector policies at European and international level. In this sense, the aerospace sector aggregates players at different level both in the air transport sector, meeting the challenge of “smart, eco-sustainable and integrated transport system”, and in space research requiring to safeguard and develop a competitive space industry aimed to fundamental enabling technologies.

Moderator: *Luigi Carrino* · President, CIRA-Italian Aerospace Research Centre and President, DAC - Campania Aerospace Technological District

INTRODUCTION BY

- **PRESENT AND POTENTIAL COLLABORATION BETWEEN ITALY AND CHINA IN THE AEROSPACE SECTOR**
Marcello Onofri · President, Italian Technological Cluster of excellence CTNA

Speakers:

- **SPACESTAR - THE SATELLITE APPLICATION PIONEER OF CHINA**
Lin Mo · Director, China Academy of Space Technology
- **NOVEL ISRU AND ISFR TECHNOLOGIES FOR SPACE EXPLORATION**
Giacomo Cao · University of Cagliari - DIMCM (Mechanical, Chemical and Materials Engineering)

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- **ADVANCED COMPOSITE MATERIALS FOR SPACE PROPULSION AND POSSIBLE SYNERGIES WITH DIFFERENT HIGH TECH**
Francesca Lillo · AVIO SpA
- **DEVELOPMENT AND APPLICATION OF MANUFACTURING EQUIPMENTS FOR AEROSPACE COMPOSITE MATERIALS**
Yuan Chongxin · Commercial Aircraft Corporation of China, Ltd. Beijing Aeronautical Science and Technology Research Institute
- **TESTING APPLICATIONS IN AEROSPACE MARKET**
Bruno Fazzari · Bosch Rexroth (PEBRIT)
- **INTRODUCTION OF SCIENTIFIC RESEARCH AND COOPERATION - NATIONAL SPACE SCIENCE CENTER, CAS**
Liu Chao · Associate Research Fellow, National Space Science Center, Chinese Academy of Sciences
- **MOU AND RECENT PLANNED COLLABORATIONS BETWEEN CASC AND CRAS-SAPIENZA IN SPACE PROPULSION**
Francesco Nasuti · School of Aerospace Engineering, Sapienza University of Rome
- **COOPERATION OPPORTUNITIES BETWEEN CHINA VAST AND CHINESE AEROSPACE**
Yang Yun · Vice-President, China VAST Industrial Urban Development Company Limited
- **MULTIFUNCTIONAL STRUCTURES FOR SMALL SATELLITES DEVELOPMENT**
Antonio Salomè · Director, ARES Consortium and *Cesare Dionisio* · Advisor, ARES Consortium
- **SATELLITE IMAGES APPLICATIONS MADE BY USING AUTOMATED PROCEDURES**
Giovanni Laneve · School of Aerospace Engineering, Sapienza University of Rome

11:45-13:30 SEMINAR 4: SMART LIVING TECHNOLOGIES

The SLT panel will focus on the domestic, shared, interoperability ecosystems for sustainable, safe and comfortable living making each home a functional place of a more extended Smart Community, opening up domestic environments to new opportunities of Smart Cities and Smart Grids. The project conducted by the cluster suggests new domestic approach, in which home is a combination of different sharing and interoperability ecosystems. Home will have a complete technological style, based on interfaces' integration and sensors for ambient intelligence to achieve the interoperability of system.

Moderator: *Nicoletta Amodio* · Education and Innovation Area, Confindustria

INTRODUCTION BY

- *Pietro Siciliano* · President, Italian Technological Cluster, TAV

Speakers:

- **MOBILE APPS FOR THE INTERNET OF THINGS**
Alessandro Antonio Nacci and *Riccardo Cattaneo* · Sofia SRL
- **WISDOM LIT UP LIFE**
Xue Shanshan · Broadband Wireless Network Application Industry Alliance
- **THE SMART GRID, THE WISDOM OF LIFE**
Chen Yeqiu · Jiangsu Zhongke Heavy Industry Co., Ltd
- **THE IMPORTANCE OF IoT AND CONTROL UNIT IN SMART CITY**
Mariarosaria Russo · Knowledge Environment Security
- **MEASURES THE LIVEABILITY OF THE NEIGHBOURHOOD WITH QIRATE**
Leonardo Da Zovo, STUDIOMAPP s.r.l.

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11:45-13:30 SEMINAR 5: GREEN CHEMISTRY

The scope of the green chemistry, aimed at reducing the environmental impact of chemical substances and fuels by developing alternative and sustainable technologies, will be exposed and presented during a specific panel. By triggering the development of biobased industries, the green chemistry approach could result in a key strategy for pursuing the environmental, social and economic sustainability reforms in China.

Moderator: *Luigi Ambrosio* · Director, Department of Chemical Sciences and Materials Technology - National Research Council (CNR)

INTRODUCTION BY

- *Giovanni Sannia* · Department of Chemical Sciences, University of Naples Federico II

Speakers:

- **NATURAL ORGANIC MATTER FOR SOIL REMEDIATION AND FOR SEQUESTRATION OF CARBON IN AGRICULTURAL SOILS**

Alessandro Piccolo · Interdepartmental Research Centre CERMANU, University of Naples Federico II

- **THE APPLICATION OF RARE EARTHS IN HIGH-TECH INDUSTRIES**

Yang Zhanfeng · President, Baotou Research Institute of Rare Earths

- **SECOND LIFE: TURNING AGRO-INDUSTRIAL WASTES INTO VALUE-ADDED COMPOUNDS**

Antonio Zuorro · Lab iBeta - Dept Engineering, Chemistry Materials Environment, Sapienza University of Rome

- **MINERAL RESOURCES DEVELOPMENT OF THE GREEN CHEMICAL TECHNOLOGY AND NEW MATERIALS**

Liu Zuohua · College of Chemistry and Chemical Engineering, Chongqing University

- **BIO-REFINERY FROM DROUGHT-RESISTANT CROPS**

Giovanni Venturini Del Greco · Agroils Technologies SpA

- **A “CITY” TO CHANGE A CITY. AIR POLLUTION CONTROL STRATEGIES OF YANCHENG ENVIRONMENTAL PROTECTION SCIENCE AND TECHNOLOGY CITY**

Zhao Hua · Deputy Director, Technology Transfer Center, Yancheng Institute of Technology

- **ADVANCED MATERIALS FOR RESEARCH IN THE AGRIFOOD SECTOR**

Gianpaolo Varchetta · MAREA Scarl

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11:45-13:30 SEMINAR 6: CLEAN-TECH AND ENVIRONMENT

While recent Chinese policy developments have shown that China intends to seriously pursue new, low-carbon sources of energy in order to meet this growing demand and mitigate impacts on the environment, more and more implications for business and joint investments will result by the rapid development of more affordable clean tech products and services, benefiting the economies and environments of both nations and requiring a set of specific supportive policies. Particular attention could be devoted to the topics of waste management and water treatment techniques in order to enhance urban living conditions and minimize the environmental impact of industrial activities.

INTRODUCTION AND MODERATION BY

- **Raimondo Orsini** · Director, Foundation for Sustainable Development

Speakers:

- **AGROWASTE MANAGEMENT: REUSE OF BIOMASSES FOR CROP AND PLANT PROTECTION**

Mario Malinconico · Institute for Polymers, Composites and Biomaterials-IPCB, National Research Council (CNR)

- **PLAY THE ROLE OF ASSOCIATIONS TO PROMOTE ENERGY CONSERVATION**

Pan Lu · Secretary General, Beijing Construction Energy Efficiency and Environmental Engineering Association

- **SUSTAINABLE WATER MANAGEMENT: WATER AND SEDIMENTS TREATMENT**

Raffaele Cioffi · Department of Engineering, University of Naples "Parthenope"

- **THE APPLICATION OF RARE EARTHS IN HIGH-TECH INDUSTRIES**

Wang Yan · Baotou Research Institute of Rare Earths

- **ENERGY AND RESOURCE RECOVERY FROM WASTEWATER: ADVANCED TECHNOLOGIES AND FUTURE CHALLENGES**

Vincenzo Naddeo · Department of Civil Engineering, University of Salerno

- **ESTABLISHMENT OF COOPERATIVE PLATFORM FOR CHINA MUTUAL INSURANCE AGENCY OF GOOD ENERGY EFFICIENCY BUILDINGS**

Huang Zhenli · Vice President, China Association of Building Energy Efficiency

- **CLEAN TECHNOLOGIES FOR WATER RE-USE AND WASTE TREATMENT UNDER CIRCULAR ECONOMY DIRECTIVES**

Sabino Bufo · Dept. of Sciences, University of Basilicata

Posters:

- **THE ROLE OF THE CHEMIST IN ENVIRONMENTAL PROTECTION (PROPOSAL ABOUT TRAINING)**

Fabrizio Martinelli · President, Interregional Association of Chemists of Lazio, Umbria, Abruzzo and Molise

- **NIHAO-MA**

Ezio Riggi · Institute for the Propagation of Tree Species-IVALSA, National Research Council (CNR)

- **INSECT OBPs FOR RAPID DETECTION OF CELLULAR OXIDATIVE STRESS**

Patrizia Falabella · University of Basilicata - Sciences

11:45-13:30 SEMINAR 7: SMART COMMUNITIES

As globally recognized, social and environmental objectives can be better pursued in urban environment where the potential of various actors combines with the use of electronic networks and the Internet forming alliances and partnerships in order to innovate and extract new economic and social value. A "Smart Communities" panel will therefore focus on the way cities make conscious efforts to innovatively employ ICTs targeting economic development, organizational performances and high quality of living.

Moderator: *Mauro Annunziato* · ENEA

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INTRODUCTION BY

- **SMART COMMUNITIES VISION AND PERSPECTIVE IN ITALY-CHINA COLLABORATION**

Laura Morgagni · Secretary General, Italian Technological Cluster on Smart Communities Technologies

Speakers:

- *Andrea Gumina* · Senior Policy Advisor

- **DEMO (INNOVATION) CHINA INTELLIGENCE COMMUNITY-PRACTICE OF INTERNATIONAL TECHNOLOGY TRANSFER**

Pan Zhihua · CEO, Goubgroup

- **A JOINT ITALIAN-CHINESE R&D ON CLOUD COMPUTING TECHNIQUES**

Marco Maggiora · National Institute of Nuclear Physics (INFN)

- **FIELDS OF GOLD - INTERNET OF THINGS FOR A SMART AGRICULTURE**

Paolo Iasevoli · Evja

- **THE ITALIAN MARKET OF THE INTELLIGENT TRANSPORT SYSTEM (ITS)**

Rossella Panero · TTS Italia

- **THE DEVELOPMENT OF INTERNET OF THINGS SHOULD BE PEOPLE ORIENTED**

Wang Chunhui · Dean, Institute of China ICT Development & Strategy, Nanjing University of Posts and Telecommunications

- **ADVANCED SERVICES AND PRODUCTS FOR CRITICAL SYSTEMS ENGINEERING**

Anna Lanzaro · Critiware Srl

- **THE LOGIC OF CHINESE SCIENCE AND TECHNOLOGY IN INTELLIGENT COMMUNITIES**

Li Yue · Chief Executive Officer, Beijing ZhongKeXueDao Science & Technology Co., Ltd

11:45-13:30 SEMINAR 8: OPEN INNOVATION

Enhancing competitiveness through the employment of technological skills and external sources from university research and innovative startups environment: this is the challenge and the opportunity for SMEs following open innovation model. The panel is focused on experiences and cooperation opportunities in this field.

Moderator: *Sergio Cavalieri* · China-Italy Technology Transfer Centre - CITTC

INTRODUCTION BY

- *Mario Calderini* · Counsellor for Innovation, Italian Ministry of Education, University and Research

Speakers:

- **TECHNOLOGY TRANSFER: AN INTERNATIONAL OPEN SYSTEM MODEL**

Emanuele Fiore · Senior Technologist, Institute for Polymers, Composites and Biomaterials, National Research Council of Italy (CNR)

- **OPEN TECHNOLOGY TRANSFER - PEKING UNIVERSITY TECHNOLOGY TRANSFER CENTER**

Li Shijie · Deputy Director, Office of Science and Technology Development of Peking University

- **ADDITIONAL OPPORTUNITIES TO BRIDGE ITALY AND CHINA WITH OPEN INNOVATION APPROACH**

Gabriele Accado · Innoeventually

- **CHINA FOF ALLIANCE AND ITS INNOVATION AND ENTREPRENEURSHIP**

Tang Jincao · Secretary General, China FOF Alliance

- **FROM MADE IN CHINA TO CREATED IN CHINA. WHAT IS IN BETWEEN**

Claudio Petti · Department of Engineering for Innovation, University of Salento

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- **EXPERIENCE SHARING PROMOTE TECHNOLOGY TRANSFER WITH WHOLE INDUSTRY CHAIN THINKING**

Zhang Lijun · Director, CAS Resources Platform, Beijing National Technology Transfer Center of CAS

- **THE ROLE OF TECHNOLOGY TRANSFER AND GEOGRAPHICAL PROXIMITY IN REQUALIFICATION OF MARGINAL URBAN AREAS**

Stefano de Falco, University of Naples Federico II

11:45-13:30 SEMINAR 9: DESIGN

The design sector is presented as one of the most promising area of intersection and cooperation between Italy and China in the near future. The two countries share a common background, rooted in ancient knowledge and expressions, which is highly complex and rich in material and immaterial values. In fields that nowadays are strategic for design, such as processing of pottery and silk, China and Italy share common roots that met and influenced each other during the past, foreshadowing the current prospects of creative cooperation. The panel will analyse the different aspects that the encounter between Italian and Chinese experiences assumes in relation to the design, addressing the issues of universities' cooperation in teaching methodologies, the relationship between design, production and market in driven-design sectors, the launch of creative business and construction of collaborative networks.

Moderator: Plinio Innocenzi · Science and Technology Counsellor, Embassy of Italy in China

INTRODUCTION BY

- Caribio Cautela · School of Design of the Polytechnic University of Milan, China-Italy Design and Innovation Centre

Speakers:

- **DESIGN AND RESEARCH: THE POST-DIGITAL SCENARIO**

Patrizia Ranzo · DICEA (Civil Engineering, Design Building and Environment), Second University of Naples

- **THE IMPORTANCE OF RATIONAL EMOTION IN DESIGN**

Li Xin · President, MOT DESIGN Co., Ltd

- **TAKING CARE**

Salvatore Cozzolino · President, ADI (Association for Industrial Design)

- **RESEARCH ON SERVICE DESIGN OF HEATHCARE FOR THE ELDERLY SUSTAINABLE DESIGN-DRIVER INNOVATION**

Chen Hong · Associate Professor, School of Art Design and Media, East China University of Science and Technology

- **TDW 2014-2016: THE TIANJIN DESIGN WEEK EXPERIENCE**

Massimiliano Campi · University of Naples Federico II

- **INNOVATION IN DESIGN**

Francesco Costa · CARPISA

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11:45-13:30 SEMINAR 10: EDUCATION PROGRAMS & AGORA (PART I)

Raising the capacity building of people is an important aspects for mutual understanding, friendship and S&T cooperation between Italy and China. The session will focus on human capital, looking at best practices and opportunities for language training, exchange and mobility programs, training and communication actions in three areas: education, higher education and science communication. Scope of the session is to consolidate the networking between Italy and China also on these important areas in order to foster new programs, projects and new collaborations.

The first session will gather representatives from the three areas of action for a common discussion about policies, practices and programs.

Moderator: Carlo Sbordone · University of Naples Federico II, Accademia dei Lincei

WELCOME ADDRESSES

- Lucia Fortini · Regional Councillor of Education, Campania Regional Government
- Luo Ping · Counsellor of Education, Embassy of People Republic of China in Italy
- Maria Letizia Melina · Director General for Students, Development and Internationalization of the Higher Education - Italian Ministry of Education, University and Research
- Elda Morlicchio · Rector, University of Naples L'Orientale
- Lucio d'Alessandro · Rector, University of Studies Suor Orsola Benincasa

Speakers:

• HIGHER EDUCATION

Federico Cinquepalmi · Director, Higher Education Internationalization Office - Italian Ministry of Education, University and Research

• EDUCATION

Rossella Schietroma · Director at the Education Internationalization Office - Italian Ministry of Education, University and Research

• SCIENCE POPULARIZATION

Mario Salvi · President, Science Festival Bergamo Scienza

• TITLE (to be defined)

Dai Jie · Deputy Director, Office of Science & Technology of the Beijing Normal University

11:45-13:30 SEMINAR 11: TRADITIONAL CHINESE MEDICINE - FIRST PART

The traditional Chinese medicine can be considered as a sum of medicine practices within the scope of a broad tradition. The panel will explore the potential use of the traditional medicine as a complementary or primary therapy considering the increasing degree of recognition and acceptance of TCM by European governments and institutions. The interaction between Chinese and Italian experts will be also directed at pointing out areas for further joint research activities.

Chairmen:

- Samuele Barbaro Paparo · Director, International Master II level in "Integration between Traditional Chinese Medicine and Western Medicine, Sapienza University of Rome
- Lu Hua · President, Teaching Hospital of Chengdu University of TCM
- Carlo Maria Giovanardi · President, Italian Federation of Acupuncture Societies (FISA)
- He Jialang · Executive Member, World Federation of Traditional Chinese Medicine

Speakers:

• NERVE GROWTH FACTOR AND ACUPUNCTURE

Samuele Barbaro Paparo and Morena Anna Guaragna · International Master II level in "Integration between Traditional Chinese Medicine and Western Medicine, Sapienza University of Rome

• INTRODUCTION TO TCM "ONE BELT ONE ROAD" INTERNATIONAL COOPERATION

Lu Hua · President, Teaching Hospital of Chengdu University of TCM

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- **ENVIRONMENTAL POLLUTANTS AND THEIR INFLUENCE IN GYNECOLOGICAL ONCOLOGY**

Donatella Caserta · Full Professor in Obstetrics & Gynecology, Sapienza University of Rome

- **SUCCESION AND CLINICAL APPLICATION OF TCM CLASSICS**

Hu Guohua · Chairman of Academic School Branch, China Association of Chinese Medicine

- **THERAPEUTIC EFFECTIVENESS OF THE ANTIQUE CHINESE RECIPE SI WU TANG ON 40 WOMEN AFFECTED BY DYSMENORRHEA**

Ottavio Iommelli · Director of TCM. Dept. of S. Paolo Hospital, AIFF (Italian Assoc. of Phytoterapia and Phytopharmacology), Second University of Naples

14.30-17.30

B2B MEETINGS

14.30-16.30

ROUNDTABLES: EDUCATION PROGRAMS & AGORA (PART II)

Raising the capacity building of people is an important aspects for mutual understanding, friendship and S&T cooperation between Italy and China. The session will focus on human capital, looking at best practices and opportunities for language training, exchange and mobility programs, training and communication actions.

Three afternoon roundtables are organised to facilitate the exchange of practices and proposals between leading representatives of each area of action: education, higher education and science communication

ROUND TABLE 1: EDUCATION

Moderator: *Pietro Greco* · Responsible for the Study Centre, Città della Scienza

- *Federico Masini* · Sapienza University of Rome and *Gisella Langé* · Inspector of the Ministry of Education, University and Research
- *Paola Paderni* · Confucius Institute of Naples, University of Naples L'Orientale
- *Representative of Enrico Fermi High School of Ascoli Piceno*
- *Maria Masella* · Director, Ancel Keys High School of Castelnuovo Cilento
- *Wu Jianmin* · Principal of the Experimental Primary School, Beijing Normal University
- *Francesco Alario* · Convitto Nazionale of Rome
- *Paolo Aprile* · Director, High School "Aldo Moro", Santa Cesarea Terme
- *Rossella Schietroma* · Director, Education Internationalization Office-Italian Ministry of Education, University and Research

ROUND TABLE 2: HIGHER EDUCATION

Moderator: *Federico Cinquepalmi* · Director, Office for Internationalization of the Higher Education - Italian Ministry of Education, University and Research (MIUR)

- **MARCO POLO AND TURANDOT PROGRAMS: 10 YEARS OF MOBILITY PROGRAMS IN HE BETWEEN CHINA AND ITALY**

Maria Antonietta Scalera · Office for Internationalization of the Higher Education - Ministry of Education, University and Research (MIUR)

- **ERASMUS PROGRAM INSIDE AND OUTSIDE EUROPE: THE MOST IMPORTANT EU MOBILITY PROGRAM**

Paola Castellucci · Office for Internationalization of the Higher Education - Ministry of Education, University and Research (MIUR)

- **CHINA AND ITALY EXCHANGES: MOBILITY AND HIGHER EDUCATION'S PERSPECTIVES**

Giulia Hu · Education Office, Embassy of People's Republic of China in Italy

Maria Valeria Del Tufo · Master International Trade and Management Behavior, Suor Orsola Benincasa University

Giovanni Finocchietti · Enic Naric Centre for Italy – Lisbon Convention

Leonella Grasso Caprioli · European Association of Conservatories (AEC)

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He Xi · Office of International Exchange & Cooperation, Beijing Normal University
Rita Librandi · Delegate for Research, University of Naples L'Orientale
Giovanna Cassese · President of the ISIA – Faenza
Sergio Ulgiati · University of Naples Parthenope

ROUND TABLE 3: SCIENCE POPULARIZATION

Moderator: *Alessandra Drioli* · Responsible of Science Centre, Città della Scienza

- *Antonella Poce* · University of Rome 3
- *Paolo Giommi* · Italian Space Agency
- *Kang Zhizhong* · Associate Professor, Department of Remote Sensing, China University of Geosciences in Beijing
- *Paolo Galluzzi* · Director, Museo Galileo of Florence
- *Michele Lanzinger* · Director, MUSE Science Museum

14.30-16.30 SEMINAR 11: TRADITIONAL CHINESE MEDICINE - SECOND PART

The traditional Chinese medicine can be considered as a sum of medicine practices within the scope of a broad tradition. The panel will explore the potential use of the traditional medicine as a complementary or primary therapy considering the increasing degree of recognition and acceptance of TCM by European governments and institutions. The interaction between Chinese and Italian experts will be also directed at pointing out areas for further joint research activities.

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- *Lu Hua* · President of Teaching Hospital, Chengdu University of TCM
- *Carlo Maria Giovanardi* · President, Italian Federation of Acupuncture Societies (FISA)
- *He Jialang* · Executive Member, World Federation of Traditional Chinese Medicine

INTRODUCTION BY

- *Raniero Guerra* · General Director for Health Prevention, Italian Ministry of Health

Speakers:

• EXPERIENCES AND ADVANTAGES IN MAJOR COMPLICATED AND REFRACTORY DISEASES TREATED BY INTEGRATIVE TCM AND WM

Yang Sijin · President of The Affiliated T.C.M. Hospital of Southwest Medical University

• THE TREATMENT OF CHRONIC PAIN WITH ACUPUNCTURE: EVIDENCE BASED MEDICINE

Carlo Maria Giovanardi · President, Italian Federation of Acupuncture Societies (FISA)

• THE ADVANTAGES AND CLINICAL RESEARCH ON TCM PREVENTING AND TREATING ALLERGIC RHINITIS

Tian Li · Vice-President of Teaching Hospital of Chengdu University of TCM

- *Franco Menichelli* · President, Italian Association of Acupuncture

• INTRODUCTION TO TCM NEW DRUG DEVELOPMENT

Li Mingquan · Vice-Director, National Chinese Medicine GCP Center of Teaching Hospital, Chengdu University of TCM

• PROJECT CHETCH CHINA AND EUROPE TAKING CARE OF HEALTHCARE SOLUTIONS

Mauro Devecchi · Medical Doctor, Acupuncturist, Association of Medical Acupuncturists of Bologna (AMAB)

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11:00-18:00 SPECIAL EVENTS

• DIGITAL FABRICATION ZONE

It is an area dedicated to show & share Italian and Chinese projects realized through digital fabrication, with the aim to stimulate cooperation between Italian and Chinese makers, young talents, researchers, startups, entrepreneurs and students in several sectors (3D printing, electronics, prototyping, Manufacturing 4.0). It is organized by Città della Scienza and Maker Faire – the European Edition and will take place around the D.RE.A.M. FabLab (Design and Research in Advanced Manufacturing laboratory) of Città della Scienza. The main activities are:

EXHIBITION AREA

25 booths available for Chinese and Italian participants to show their own projects, products, prototypes.

WORKSHOPS (11.00 to 13.00 pm) on the following topics: Biomedical; Design & Fashion; Architecture.

The workshops will be focused on the construction of 3 prototypes on the basis of projects pre-designed by DREAM FabLab experts.

(insert photo)

11:00-18:00 • BUSINESS EXHIBITION: Public institutions and private companies to expose their projects and technologies

18:00 FAREWELL PERFORMANCE AT CITTÀ DELLA SCIENZA

28 OCTOBER ROME · POST FORUM



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MEET IN ITALY – FOR LIFE SCIENCES

Promoted by *Lazio Region and Lazio Innova*

Meet in Italy for Life Sciences is an international brokerage event addressed to firms, researches, startups and investors, interested in new opportunities for technological, scientific and business collaboration.

On 28 October, the entire day will be dedicated to the international convention and workshop on relevant matters for the Life Sciences. Representatives from institutions, companies, clusters and research centers will join together to analyze and discuss strategies, challenges, weakness and opportunities on the specific topics.

Main sectors of discussion:

- **PHARMACEUTICAL/NUTRACEUTICAL**
- **MEDICAL DEVICES**
- **BIOLOGY/BIOTECHNOLOGY**
- **IT APPLICATIONS FOR HEALTH MEDICINE**
- **HUMAN HEALTH AND WELL-BEING**
- **RELATED VALUE CHAIN ACTIVITIES**

ITALY-CHINA SCIENCE, TECHNOLOGY & INNOVATION WEEK

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