



# SETTIMANA **CINA • ITALIA**

della Scienza, della Tecnologia e dell'Innovazione

## 中意创新合作周

**25-29 NOVEMBER 2019 11月25-29号**

**PECHINO - JINAN 北京 - 济南**

## PROGRAM

**25**  
NOVEMBER **BEIJING**

**26**  
NOVEMBER **BEIJING**

**27**  
NOVEMBER **BEIJING**

**28**  
NOVEMBER **JINAN**

**29**  
NOVEMBER **JINAN**



**ITALY CHINA**  
**INNOVATION FORUM**  
16th EDITION







**THE CHINA-ITALY SCIENCE, TECHNOLOGY & INNOVATION WEEK** is a matchmaking and networking event held once a year, alternatively in Italy and in China. The event targets Chinese and Italian research centres, universities, innovative enterprises and startups to start new scientific and technological partnerships.

The Week is promoted by **MINISTRIES OF RESEARCH** of both countries and represents the most important bilateral event in Europe with China in the fields of research and innovation.

Coordinated in Italy by **CITTÀ DELLA SCIENZA** and in China by the **BEIJING MUNICIPAL SCIENCE AND TECHNOLOGY COMMISSION**, the programme involves all stakeholders of the research and innovation ecosystem of both countries.

The 2019 edition is held in China and will be opened in Beijing, on November 26<sup>th</sup>. The opening ceremony will celebrate the tenth anniversary of the China-Italy Innovation Forum and it will highlight the main outcomes of the Programme in terms of signed agreements, development of bilateral scientific cooperation, promotion of the startup ecosystems and concrete achievements.

The great opening is preceded on November 25<sup>th</sup> by the **SINO-ITALIAN EXCHANGE** promoted by **REGIONE CAMPANIA** and the **BEIJING ASSOCIATION FOR SCIENCE AND TECHNOLOGY**. The Week is then scheduled in Jinan, capital of the Shandong Province, where delegates will meet the local **MUNICIPAL GOVERNMENT** and other relevant stakeholders.

16 Round tables, over 200 One-to-One meetings, a special School Exchange Session, networking seminars and working meetings are also part of this year challenging Programme.

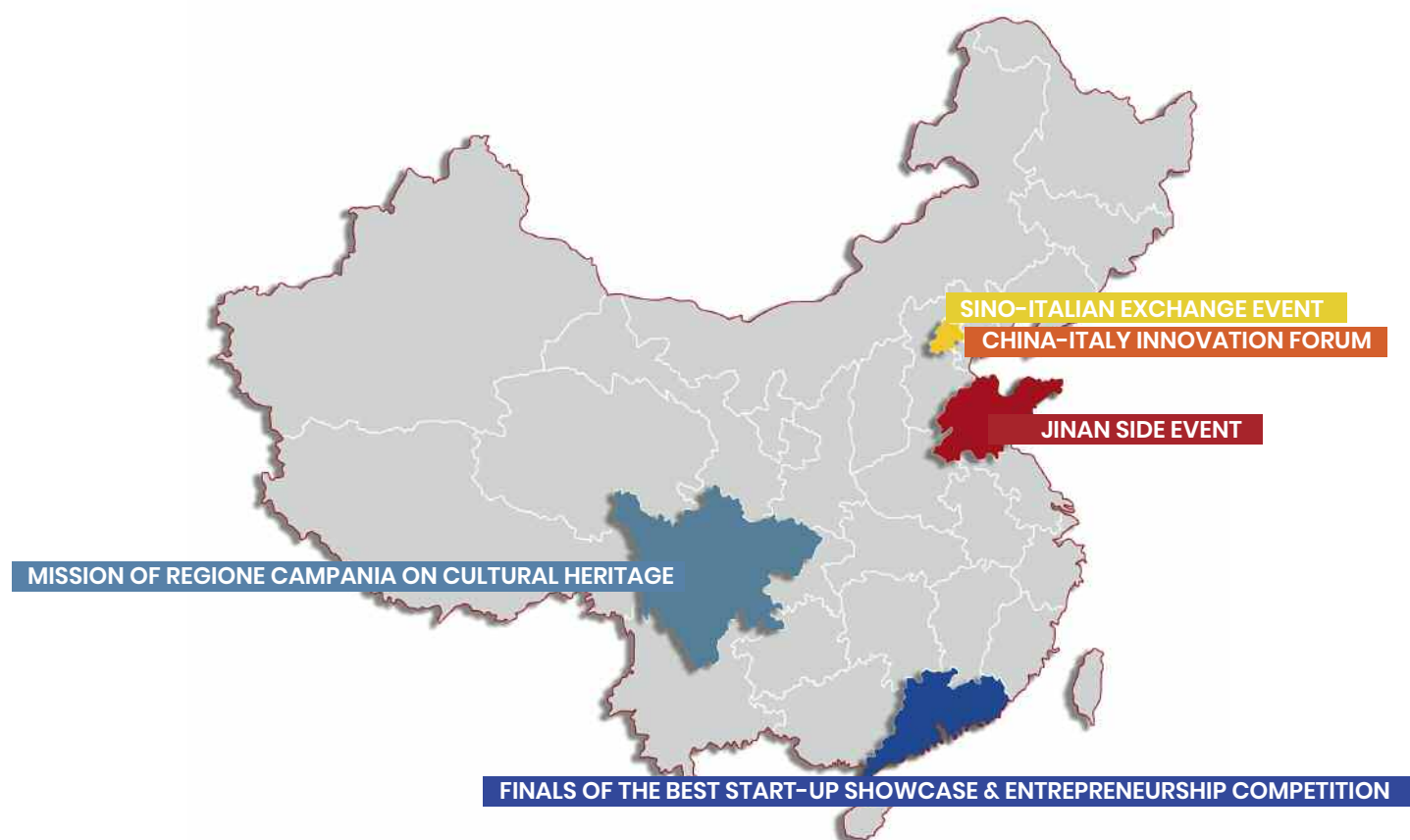
A special mention goes to the 36 Italian companies taking part in the Finals of the **BEST STARTUP SHOWCASE – ENTREPRENEURSHIP COMPETITION**: an ambitious project of internationalisation in China, started on the occasion of the 2018 edition of the Week, that has involved more than 100 Italian SMEs in 5 soft-landing missions and hundreds of opportunities.

After being Country Guest of Honour at the 2019 Edition of the **CHINA INTERNATIONAL IMPORT EXPO**, Italy is willing to celebrate another milestone of its 50-year-old cooperation with China.

We wish you a successful Innovation Week!







## CONFERENCE VENUES

### **SIEE, 25/11-Beijing**

Beijing Science Centre  
Beijing City, Xicheng District, No.9  
Beichen Road.  
北京科学中心, 中国北京市, 西城区, 北辰路9  
号院

### **CIIF, 26/11-Beijing**

China National Convention Centre  
Beijing City, Chaoyang District, No.7  
Tianchen East Road.  
国家会议中心, 北京市, 朝阳区奥运村, 天辰东  
路7号.

### **SIDE EVENT, 28/11-Jinan**

SHANDONG Hotel,  
Jinan City, Shandong Province - No. 2-1  
Maanshan Road, Lixia District,  
山东大厦, 中国山东济南, 马鞍山路2-1号

## SUGGESTED HOTELS

### **BEIJING (25-27 November)**

> HOTEL 1 (near to the Conference Centre)

#### **CHINA NATIONAL CONVENTION CENTER GRAND HOTEL**

国家会议中心大酒店  
Building No.1, 8 Beichen West Road, Chaoyang  
District, Beijing, China.  
中国北京市, 朝阳区, 北辰西路8号院1号楼  
[www.cnccgrandhotel.com](http://www.cnccgrandhotel.com)

> HOTEL 2 (near to the Conference Centre)

#### **INTERCONTINENTAL BEIJING BEICHEN**

北京北辰洲际酒店  
Building No.4, 8 Beichen West Road, Chaoyang District,  
Beijing, China.  
北京市, 朝阳区, 北辰西路8号院4号楼  
[www.ihg.com.cn](http://www.ihg.com.cn)

### **JINAN (28-29 November)**

SHANDONG HOTEL, Jinan City, Shandong Province

山东大厦

No. 2-1 Maanshan Road, Lixia District, Jinan City

山东大厦, 中国山东济南, 马鞍山路2-1号

[www.sdhotel.com.cn/en/info.html](http://www.sdhotel.com.cn/en/info.html)

# PROGRAM OVERVIEW

SUNDAY **24<sup>TH</sup>** NOVEMBER 16.00–20.00 **Welcome desk at the Hotel Intercontinental lobby**

MONDAY **25<sup>TH</sup>** NOVEMBER

**BEIJING**

08.15 **Transfer from the hotel to the Beijing Science Centre (SIEE)**

9.00–17.00 **SINO-ITALIAN EXCHANGE EVENT-SIEE 2019**  
INSTITUTIONAL SESSION  
THEMATIC ROUNDTABLES  
ONE-TO-ONE MEETINGS  
ROADSHOW OF CHINA-ITALY INNOVATION ENTREPRENEURSHIP

17.00 **Transfer to the hotels** (China National Convention Center Grand Hotel & InterContinental Beijing Beichen Hotel)

19.30 **Reception at the Italian Embassy in Beijing** (San Li Tun Dong Er Jie, nr.2-Beijing) *Bus transfer from the hotels at 18:30*

TUESDAY **26<sup>TH</sup>** NOVEMBER

**BEIJING**

8.30–9.30 **Registration at the China Convention Centre**

9.30–17.30 **CHINA-ITALY INNOVATION FORUM – 10<sup>TH</sup> ANNIVERSARY**  
OPENING CEREMONY AT THE PRESENCE OF MINISTERS (*Entrance is recommended 15 minutes before the opening*)  
THEMATIC SEMINARS  
ONE-TO-ONE MEETINGS  
BEST START-UP SHOWCASE-ENTREPRENEURSHIP COMPETITION NETWORKING SESSION  
MID-TERM REVIEW MEETING MAECI-NSFC

WEDNESDAY **27<sup>TH</sup>** NOVEMBER

**BEIJING**

08.30 **Check-out and Pick up at the hotel**

9.00–12.00 **VISITS TO S&T PARKS, LABS AND INCUBATORS**  
FUTURE SCIENCE CITY  
INTELLIGENT ROBOT RESEARCH CENTER & INSTITUTE OF ARTIFICIAL INTELLIGENCE OF THE TSINGHUA UNIVERSITY

**TRANSFER TO JINAN** by train from Beijing South Railway Station upon reservation: option 1 at 15.30 pm (train nr. G351)  
*Direct bus transfer from the visit or from the hotel (for those not participating to the visit) at 13.00*

19.30 **WELCOME DINNER IN JINAN**

THURSDAY **28<sup>TH</sup>** NOVEMBER

**JINAN**

9.00–17.30 **JINAN SIDE EVENT**  
INSTITUTIONAL SESSION  
THEMATIC SEMINARS  
ONE-TO-ONE MEETINGS

17.00–18.30 **Buffet in Shandong Hotel**

18.00 **WAY BACK TO BEIJING** by train from Jinan West Railway Station upon reservation:  
option 1 at 19.18 pm (train nr. G166) – option 2 at 20.21 pm (train nr. G150)

19.00–21.00 **Special Chinese Opera show in Shandong hotel**

FRIDAY **29<sup>TH</sup>** NOVEMBER

**JINAN**

8.30–11.30 **VISITS TO S&T PARKS, INNOVATION CENTRES, LABS**  
YINFENG INTERNATIONAL BIO-CITY  
CHINA-ITALY SCIENCE AND TECHNOLOGY INDUSTRY CITY IN ZHANGQIU DISTRICT  
STARTUPS AND INNOVATION BASE IN ZHANGQIU DISTRICT

12.00–13.30 **Buffet Lunch in Shandong hotel**

16.00 **WAY BACK TO BEIJING** by train from Jinan West Railway Station upon reservation:  
option 1 at 16.40 pm (train nr. G322) – option 2 at 17.01 pm (train nr. G4)









# SINO-ITALIAN EXCHANGE EVENT







## 25 NOVEMBER \_ BEIJING

# SINO-ITALIAN EXCHANGE EVENT

PROMOTED BY THE CAMPANIA REGIONAL GOVERNMENT AND THE BEIJING ASSOCIATION FOR SCIENCE AND TECHNOLOGY-BAST, THE SINO-ITALIAN EXCHANGE EVENT WILL ACHIEVED THIS YEAR ITS 13<sup>TH</sup> EDITION. THANKS TO THIS MULTIANNUAL PROGRAM, THE INITIATIVE SUCCEEDED IN GATHERING ITALIAN AND CHINESE ACADEMICIANS, RESEARCHERS AND ENTREPRENEURS IN SCIENCE AND TECHNOLOGY ADVANCED APPLICATIONS COOPERATION AREAS.





SINO-ITALIAN EXCHANGE EVENT

BEIJING SCIENCE CENTRE – Beijing City, Xicheng District, No.9 Beichen Road.

北京科学中心, 中国北京市, 西城区, 北辰路9号院

09.00–10.00

INSTITUTIONAL SESSION OF THE 13<sup>TH</sup> EDITION OF SIEE

Chair: Meng Fanxing, Vice-President of BAST

- Welcoming Address by Ma Lin, Party Secretary of BAST
- Riccardo Villari, President of Città della Scienza
- Representative of Beijing Municipal Commerce Bureau
- Representative of the Italian Association of Entrepreneurships (tbc)
- Representative of Zhongguancun Science Park
- Valeria Fascione, Regional Minister for Internationalization, Start-up and Innovation – Campania Region
- Representative of the Italian Embassy in PRC

10:00–12:30

KEYNOTE FORUM:

RE-MEMBER HERITAGE DIGITALIZATION DRIVEN TECHNOLOGY–THE APPLICATION OF DIGITAL TECHNOLOGY IN CULTURAL RESTORATION AND REAPPEARANCE

> SLOT 1:

CURRENT SITUATION, CHALLENGE AND INNOVATION OF CULTURAL HERITAGE

- Zhan Changfa, Vice Chairman of the China Foundation For Cultural Heritage Conservation  
INTRODUCTION TO CHINESE AND ITALIAN CULTURAL HERITAGE IMPLICATIONS, RECENT CHALLENGES AND BREAKTHROUGHS IN CULTURAL ARTIFACT RESTORATION IN CHINA
- Rosanna Romano, Director for Cultural Policies and Tourism of Campania Region  
THE DIGITAL REGIONAL ACTION PLAN FOR THE ENHANCEMENT OF CULTURAL HERITAGE
- Gino Mirocle Crisci, Delegate of the National Technological Cluster on Cultural Heritage

> SLOT 2:

THE INNOVATIVE APPLICATION OF DIGITAL TECHNOLOGY IN THE FIELD OF CULTURAL HERITAGE PROTECTION

- Xue Feng, Director of Information Center of Shanxi Provincial Museum
- Pasquale Rossi, Restoration School Director, University Suor Orsola Benincasa of Naples  
TRAINING FOR THE RESTORATION OF WORKS OF ART IN CAMPANIA. GUIDELINES FOR THE PROTECTION AND USE OF NEW TECHNOLOGIES
- Jiang Hong, Vice Dean of School of Architecture, Southeast University  
PRACTICE OF DIGITAL ARCHAEOLOGY IN URBAN RENEWAL AT HOME AND ABROAD
- Amelia Menna, National Archaeological Museum of Naples  
SINO-ITALIAN COOPERATION ON CULTURAL HERITAGE WITH MODERN TECHNOLOGIES
- Wong Dongdong, Researcher of Beijing University of Technology  
INFORMATION PRESENTATION TECHNOLOGY INNOVATION AND ITS PROMOTION TO CULTURAL HERITAGE PROTECTION



- **Alfonso Santaniello**, *Director of Conform: Cultural Heritage 2.0*  
PROMOTE AND VALORIZE THE TERRITORY AND CULTURAL HERITAGE THROUGH IT, MEDIA AND NEW FORM OF EDUTAINMENT
- **Yu Nan**, *Beijing Tianzhuge culture and Art Co., Ltd*  
DIGITAL VIRTUAL RESTORATION DISPLAY OF S17 GUANSHIYIN BODHISATTVA IMAGE NICHE IN THE FOREROOM OF WANFO CAVE IN LONGMEN GROTTOES

#### > SLOT 3:

#### APPLICATION CASES OF 3D PRINTING TECHNOLOGY IN THE CULTURAL HERITAGE

- **Luigi Ambrosio**, *Researcher of IPCB-Institute of Polymers and Composite Biomaterials of the National Research Council*  
ADDITIVE TECHNOLOGIES, SMART NANOMATERIALS AND MULTIFUNCTIONAL POLYMERIC COATINGS FOR THE PROTECTION OF CONTEMPORARY CULTURAL HERITAGE
- **Yao Jing**, *Chief Operating Officer of the Zhongguancun Fengtai Science Park 3D Printing Digital Innovation Center*  
THE SIGNIFICANCE OF 3D PRINTING FOR THE PROTECTION AND REGENERATION OF CULTURAL RELICS

#### DISCUSSION

**10:00-12:30**

#### ROUND TABLE 1

#### RESEARCH ON NEW GENERATION OF HEALTH DIAGNOSIS AND TREATMENT SERVICE FOR ONCOLOGICAL DISEASES

##### *Italian Speakers:*

- **Italian co-chairman: Paolo Muto**, *Director of Radiotherapy, National Institute of Cancer Pascale Foundation*
- **Giusi Condorelli**, *Counsellor for Health, Italian Embassy in China*
- **Pietro Ferraro**, *Research Director of ISASI-Institute of Applied Sciences and Intelligent Systems of the National Research Council*  
CIRO-CAMPANIA IMAGING INFRASTRUCTURE FOR RESEARCH ONCOLOGY
- **Luigi Buonaguro**, *Director of the Cancer Immunoregulation Unit, National Institute of Cancer Pascale Foundation*  
DEVELOPMENT OF NEW RADIOPHARMACEUTICALS FOR DIAGNOSTICS AND PERSONALIZED TREATMENT OF SOLID HUMAN MALIGNANCY
- **Secondo Lastoria**, *Director of Nuclear Medicine, National Institute of Cancer Pascale Foundation*  
DEVELOPMENT OF NEW RADIOPHARMACEUTICALS FOR DIAGNOSTICS AND PERSONALIZED TREATMENT OF SOLID HUMAN MALIGNANCY
- **Silva Bortolussi**, *Associate Professor, University of Pavia and INFN-National Institute for Nuclear Physics*  
BORON NEUTRON CAPTURE THERAPY WITH PROTON ACCELERATORS: A SELECTIVE RADIOTHERAPY FOR TUMOURS
- **Antonio Appicella**, *Professor, Department of Industrial Design, University of Campania Luigi Vanvitelli*  
NEW 3D PRINTING TECHNIQUES IN BONES CANCER

##### *Chinese Speakers*

- **Xue Dong, PHD**, *Chief physician, Medical director of Cancer Hospital of Peking University, deputy director of Department of geriatric oncology of traditional Chinese Medicine*
- **Sun Jingyi**, *Deputy Chief of Dongfang Hospital, Beijing University of Chinese Medicine*
- **Pang Bo**, *Deputy Chief Oncologist, Guang'anmen Hospital, Chinese Academy of traditional Chinese Medicine*
- **Chen Qian**, *Chief Scientist and CEO, Thorgene (Beijing) Medical Technology Ltd.*  
TO DEVELOP CANCER IMMUNOTHERAPY BASED ON NEOANTIGEN





- Zheng Minghui, DEPUTY DIRECTOR, BEIJING INNO CARE PHARMA TECH LTD.  
DEVELOPMENT OF A NEW CLASS OF DRUGS FOCUSING ON THE TREATMENT OF TUMORS AND AUTOIMMUNE DISEASES
- Zhang Meiling, Project Director, Beijing Biocytogen Ltd.  
IMMUNO-ONCOLOGY PRECLINICAL SERVICES

DISCUSSION

10:00-12:30

ROUNDTABLE 2

SUSTAINABLE TRANSPORT AND AUTOMOTIVE

*Italian Speakers:*

- Carlo Beatrice, Senior Researcher, Engine Institute of the National Research Council, Napoli
- Paola Garzonio, Delegate of the National Technological Cluster Transportation, Head of Technology Scouting and Partnership of FCA- Global Innovation
- Gianpaolo Varchetta, CEO of the Regional District Marea
- Pierluigi Buttiglieri, COO of Park Smart  
IT APPLICATIONS FOR SUSTAINABLE MOBILITY AND TRANSPORT
- Representative of Campania Region for the Regional District on Autonomous Driving

*Chinese Speakers*

- Guan Jizhen, Secretary General, Executive Director and Member of Expert Committee of China Intelligent Transportation Association
- Li Jinglin, Director of exchange and intelligent control research center, state key laboratory of network and switching technology, Beijing university of posts and telecommunications, Deputy secretary general of intelligence service committee of China artificial intelligence Association
- Cheng Shidong, Director and Deputy Researcher of Urban Transportation Research Centre  
TRANSPORTATION PLANNING AND MANAGEMENT
- Gui Ning, Senior Counsellor of Policy Research Department of Baidu (Autonomous Driving)

DISCUSSION

10:00-12:30

ROUNDTABLE 3

MODERN AGRICULTURE AND FOOD HEALTH

*Italian Speakers:*

- Introduction by Nicola Caputo, Counsellor for Agriculture at the Regional Government of Campania (tbc)
- Antonio Logrieco, Director of Institute of Sciences of Food Production of the National Research Council  
THE PLANETARY GRAND CHALLENGE: TO DOUBLE AGRICULTURAL PRODUCTIONS, HALVING THE USE OF RESOURCES
- Federico Capuano, Department Director of IZSM-Institute for animal safety evaluation and food control  
STUDY AND RESEARCH TO INCREASE THE SAFETY AND THE SHELF LIFE OF FOODS AND FOR INNOVATIVE FOOD PACKAGING
- Aniello Cammarano, Innovation Manager at Materias srl  
ANTIMICROBIAL PEPTIDES TO IMPROVE HUMAN HEALTH AND FOOD SAFETY
- Massimo Comparini, CEO of e-Geos



#### Chinese Speakers

- Zhang Tianzhu, Professor of China Agricultural University, Director of the institute of agricultural planning science  
DEVELOPMENT STRATEGY OF URBAN AGRICULTURE IN SUPER LARGE CITIES
- Wei Jianhua, Director of Agricultural Biotechnology Research Center, Beijing Academy of agricultural and Forestry Sciences  
DIRECTION OF GENE AND GREEN CHEMISTRY OF SUSTAINABLE AGRICULTURE
- Shi Yun, Researcher of Intelligent Agriculture Research Office, Chinese Academy of Agricultural Sciences  
DIRECTION OF PRECISION AGRICULTURE AND INTELLIGENT AGRICULTURE
- Pan Ligang, Researcher, Quality Standard Center of Beijing Academy of Agricultural and Forestry Sciences  
DIRECTION OF AGRICULTURAL PRODUCTS TRACEABILITY AND CERTIFICATION TECHNOLOGY

10:00-12:30

#### ROUNDTABLE 4

#### INNOVATION IN SCHOOL EDUCATION

##### Italian Speakers:

- Giorgio Ventre, Director of Department of Electronic Engineering and Informatics, University of Naples Federico II  
ENHANCING STUDENTS' ENTREPRENEURSHIP WITH APP DEVELOPMENT
- Federica Di Prospero, Scientific High School "Antonelli" of Novara  
AN INCLUSIVE MULTITASKING AWARENESS
- Giovanna Mugione, High School "Marconi" of Giugliano  
FASHION, ART AND CREATIVITY ON THE SILK ROAD—SCHOOL MOBILITY EXCHANGE PROGRAM
- Valter Luca De Bartolomeis, Special High School "Caselli - De Sanctis"  
INNOVATIVE DIDACTICS IN ARTCRAFT MADE IN ITALY

#### Chinese Speakers

- Li Jian, General Secretary of Beijing Academy of Learning Science
- Liu Xiaochang, Principal of Beijing No.57 High School
- Che Limei, Principal of Yanhua affiliated high school of Beijing Normal University
- Jiang Yunyi, Vice Principal of Beijing College of Finance and Commerce
- Representative of Beijing Polytechnic

#### DISCUSSION

10:00-11:00

#### ROUNDTABLE 5

#### SCIENCE POPULARIZATION AND SCIENCE CENTRES

Colleagues from the Beijing Science Centre and Città della Scienza will exchange on their respective programs for the popularization of science to the large public and discuss possibilities of cooperation for travelling exhibitions, science festivals and public engagement programs in science and technology.

##### Italian Speakers:

- Giuseppe Russo, Secretary general of Città della Scienza

#### Chinese Speakers

- He Suxing, Secretary general of Città della Scienza





**12:30–13:30 LUNCH**

**13.30–15.00**

## ONE-TO-ONE MEETINGS

"If you have requested meetings with your registration, please check your schedule at your arrival in Beijing (Welcome desk at the Intercontinental Hotel on 24 Nov. between 16 to 20 pm) and at the beginning of the day at the event reception."

**13:30–17:00**

## ROADSHOW OF CHINA-ITALY INNOVATION ENTREPRENEURSHIP

### Introduction by leaders

- Leader of the Beijing Association for Science and Technology
- Valeria Fascione, Regional Minister for Internationalization, Startups and Innovation of Campania Region
- Chinese speaker **THE CHINESE OPPORTUNITIES FOR START-UPS**
- Andrea Cappai, Bugnion SpA **INTELLECTUAL PROPERTY ISSUES**
- **INTRODUCTION OF THE ROADSHOW RULES BY THE HOST**
- Project roadshow PK special performance (FIRST HALF): **10 PROJECTS ALTERNATIVELY ITALIAN AND CHINESE**

### TEA BREAK

- Richard Deng, Chief Representative ENRICH China **OPPORTUNITIES AND CHALLENGES FOR EUROPEAN SMEs AND STARTUPS IN CHINA**
- Project roadshow PK special performance (SECOND HALF): **10 PROJECTS ALTERNATIVELY ITALIAN AND CHINESE**
- **THE "CHINA-ITALY INNOVATION STAR" AWARD MEDAL**
- **CERTIFICATE HANDOVER OF THE NEXT YEAR HOST CEREMONY**

### B2B MEETINGS WITH INVESTORS

#### LIST OF CHINESE INVESTORS

- |   |                                      |
|---|--------------------------------------|
| <b>1.</b> China org.cn  | <b>11.</b> Jushi Found               |
| <b>2.</b> The National Center for Financial Research at Peking University | <b>12.</b> Beidou Ding Ming law firm |
| <b>3.</b> China securities  | <b>13.</b> Puxian Law Firm           |
| <b>4.</b> China Capital Investment Group                                  | <b>14.</b> Zhilin Law Firm           |
| <b>5.</b> Beijing Capital Agribusiness Group                              | <b>15.</b> Zhongfangxin Capital      |
| <b>6.</b> China Enterprise News   | <b>16.</b> Small and micro incubator |
| <b>7.</b> Wanda Group Singapore ecological science park                   | <b>17.</b> China-ZQX Capital         |
| <b>8.</b> Zhilian Fund  | <b>18.</b> Shenzhouyiqiao Capital    |
| <b>9.</b> T.H.E. Capital & Lab  | <b>19.</b> HuaLu Capital             |
| <b>10.</b> Zhonghai Fund  | <b>20.</b> Youkeshangpin Group       |

#### LIST OF ITALIAN STARTUPS

Innovaway SpA  
Conform Scarl  
Alda  
Parksmart srl  
PRC Multimedia  
VOICEWISE srl  
Lifetouch srl  
Autognity  
Materias srl  
Marea Scarl

#### LIST OF CHINESE STARTUPS

Sunny Sports  
Flance  
Madpeer  
RNAGene  
Skive.it  
Friende Leather  
Hua Express  
Life Happiness

**15.00-17.00**

**VISITS TO THE BEIJING SCIENCE CENTRE**

**13.30-17.00**

**SCHOLAR EXCHANGE PROGRAM:**

**WORKING SESSION AMONG CHINESE STUDENTS AND REPRESENTATIVES OF ITALIAN SCHOOLS**

(I.S. Guglielmo Marconi of Giugliano, ITI Leonardo da Vinci of Naples, Scientific and linguistic high school De Carlo of Giugliano, I.S. Caselli de Sanctis of Capodimonte)

**19:30**

**RECEPTION AT THE ITALIAN EMBASSY IN BEIJING** (*San Li Tun Dong Er Jie, nr.2-Beijing*)



*Bus transfer from the hotels at 18:30*



# CHINA-ITALY INNOVATION FORUM







**26-27** NOVEMBER \_ **BEIJING**

# CHINA-ITALY INNOVATION FORUM 10<sup>TH</sup> ANNIVERSARY

THE ITALY-CHINA INNOVATION FORUM IS THE INSTITUTIONAL PROGRAM ESTABLISHED BY THE ITALIAN MINISTRY OF EDUCATION, UNIVERSITY AND RESEARCH AND THE MINISTRY OF SCIENCE AND TECHNOLOGY OF PRC WITH THE PURPOSE OF PROMOTING THE INTERNATIONALIZATION OF RESEARCH AND INNOVATION SYSTEMS BETWEEN THE TWO COUNTRIES. ESTABLISHED IN 2010, THE CIIF WILL CELEBRATE THIS YEAR ITS 10<sup>TH</sup> ANNIVERSARY, REPRESENTING TODAY A PERMANENT PLATFORM OF NETWORKING AND MATCHMAKING, WITH SIGNIFICANT RESULTS TO FOSTER BILATERAL COOPERATION ACROSS DIFFERENT REGIONS AND PROVINCES IN CHINA.



## CHINA-ITALY INNOVATION FORUM

CHINA NATIONAL CONVENTION CENTER – Beijing City, Chaoyang District, No.7 Tianchen East Road.

国家会议中心,北京市,朝阳区奥运村,天辰东路7号.

**9.30–11.30**

### OPENING CEREMONY

### CELEBRATION OF THE 10TH ANNIVERSARY OF THE CHINA-ITALY INNOVATION FORUM

#### WELCOME AND REMARKS BY ORGANIZATIONS' LEADERS

- Representative of Beijing Municipal Science and Technology Commission
- Riccardo Villari, President of Città della Scienza

#### ADDRESSES BY MINISTERS:

- Lorenzo Fioramonti, Minister of Education, Universities and Research
- Wang Zhigang, Minister of Science and Technology

#### SIGNATURE OF AGREEMENTS

### OPENING OF THE EXHIBITION AREA BY MINISTERS

**12.00–13.00**

### LUNCH

**13.00–15.00**

### THEMATIC SEMINARS

**13.00–15.00**

#### SEMINAR 1

### ARTIFICIAL INTELLIGENCE IN INTELLIGENT MANUFACTURING

Host: Jason Wang, Secretary General of the China Science & Technology Automation Alliance

#### Italian speakers:

- **Italian co-chairman:** Sergio Cavalieri, Delegate for the National Cluster Intelligent Manufacturing, Vice-Chancellor for Technology Transfer, University of Bergamo

#### INTRODUCTION ABOUT THE ITALIAN PERSPECTIVES

- Ettore Stella, Research Director, STIIMA– Institute of Industrial Intelligent Systems and Technologies of the National Research Council

#### ARTIFICIAL INTELLIGENCE IN THE FACTORY OF THE FUTURE

- Vito Claudio Fernicola, Board of Directors, Senior Member, INRIM–National Institute for Metrology Research

#### THE ROLE OF METROLOGY IN A DIGITAL-ERA INDUSTRY

- Francesca Vessia, Associate Professor, & Nicolò Muciaccia, University of Bari Aldo Moro

#### HUMAN ENHANCEMENT TECHNOLOGIES – PATENT ISSUES OF HETs

#### Chinese Speakers

- Sun Fuchun, Professor at the Tsinghua University

#### ARTIFICIAL INTELLIGENCE IN THE COGNITIVE AGE

- Yuan Chengyin, Manager at National New Energy Vehicle Technology Innovation Center

#### THE DEVELOPMENT TREND AND INNOVATION ECO-SYSTEM OF NEW ENERGY VEHICLE TECHNOLOGY IN CHINA



- Shi Zhe, Vice President, Beijing CyberInsight Technology Co.,Ltd
- Dai Weiguo, CEO of Thinky:  
APPLICATION AND PRACTICE OF BLOCKCHAIN TECHNOLOGY IN ARTIFICIAL INTELLIGENCE
- Xu Yuanjing, CEO of JH-BIM Ltd.  
VIRTUAL CONSTRUCTION, BUILDING THE FUTURE

**13.00–15.00**

## SEMINAR 2

### SMART CITY & COMMUNITIES, SMART TRANSPORTATION

*Host:* Xinji Wei, General Secretary of ZhongGuanCun Smarter City Information Industry Alliance

#### *Italian speakers:*

- *Italian co-chairman:* Laura Morgagni, Secretary General of the Italian Technology Cluster for Smart Communities  
HOW SMART COMMUNITIES APPROACHES COULD REALLY SUPPORT TERRITORIES' SUSTAINABLE DEVELOPMENT
- Giorgio Previati, Professor at the Department of Mechanics, Polytechnic of Milan
- Paola Garzonio, Delegate of the National Technological Cluster Transportation, Head of Technology Scouting and Partnership of FCA- Global Innovation
- Federico Carotenuto, Institute of Biometeorology of the National Research Council  
INNOVATIVE LOW-COST AIR QUALITY STATIONS AS A SUPPORTING MEANS FOR ROAD TRAFFIC REGULATIONS IN URBAN AREAS, A SMARTCITIES APPLICATION
- Gianpaolo Varchetta, Marea Scarl

#### *Chinese Speakers*

- Qi Sun, CEO, Deputy General Secretary, Beijing Changfeng Information Technology Industry Alliance  
INNOVATIVE PLANNING OF SMART CITY IN BEIJING
- Zhen Qiang Xu, Deputy Director of Digital City Engineering Research Center of China Urban Science Research Association  
STRATEGIC PLANNING OF SMART CITIES
- Wu Gang, Chairman, Beijing Aerospace Data co. Ltd.  
ON DATA PRIVACY PROTECTION AND GOVERNANCE ISSUES OF DATA SHARING AND APPLICATION IN ERA OF ARTIFICIAL INTELLIGENCE
- Chang Xiangkui, Executive Dean, Zhejiang Dahua Technology Ltd.  
SMART TRANSPORTATION CONSTRUCTION AND DEVELOPMENT

**13.00–15.00**

## SEMINAR 3

### BIOMEDICINE, PERSONALISED MEDICINE AND INNOVATIVE DEVICES

*Host:* Wang Xiao Guang, Assistant of General Manager of Beijing Gaochuang Tiancheng International Business Incubator

#### *Italian speakers:*

- Giuseppe Gigli, Director of Nanotec-Institute of Nanotechnology of the National Research Council  
TECHNOMED – TECHNOPOLE FOR PRECISION MEDICINE
- Marcella Chiari, Institute of Chemical Sciences and Technologies of the National Research Council  
NEW TOOLS FOR PERSONALIZED MEDICINE: FROM NEXT-GENERATION SEQUENCING (NGS)-BASED STRATEGIES TO (NANO)THERANOSTIC APPROACHES FOR THE IMPROVEMENT OF PATIENTS' MANAGEMENT



- Valerio Vercesi, Research Director, INFN–National Institute for Nuclear Physics  
INFN AND CNAO: A COMPLETE SET OF INNOVATIVE RADIOTHERAPIES
- Gianluca Negro, Professor of the University of Pavia and Franco Naccarella, Euro–China Healthcare Research Centre  
PHARMA TRAIN PHARMACEUTICAL MEDICINE IN MODERN MEDICINE CARDIOLOGY
- Simonetta Grilli, Researcher at ISASI–Institute of Applied Sciences and Intelligent Systems of the National Research Council  
HIGH SENSITIVE BIOSENSOR FOR EARLY DETECTION OF BIOMARKERS IN PERIPHERAL BLOOD

#### Chinese Speakers

- LIU Dongfang, Senior Partner of the Beijing Longan Law Firm  
LEGAL & REGULATORY REQUIREMENT FOR TECHNOLOGY TRANSFER LATEST DEVELOPMENT ON TECHNOLOGY TRANSFER
- Cheng Yonghao, Director of the Institute of Materia Medica, Chinese Academy of Medical Sciences & Peking Union Medical College  
NEW ERA OF CHINESE PHARMACEUTICAL INDUSTRY–INTERPRETATION OF DRUG EXAMINATION AND APPROVAL POLICY
- LIAO Yonghao, Vice Chairman, National "Thousand Talents" and Distinguished Professor of the Tsinghua University  
INNOVATION AND INTEGRATION OF INTELLIGENT MEDICAL DIAGNOSIS AND THERAPY
- Dai Rujun, Board Member & General Manager of TED Healthcare  
SINO–ITALY SPORTS REHABILITATION TECHNOLOGY COOPERATION SUPPORT CHINA OLYMPIC

13.00–15.00

#### SEMINAR 4

#### SPACE FORUM

- Co-chaired by Chi Wang, CNSA–Chinese National Space Administration and Barbara Negri, ASI–Italian Space Agency

#### Speakers

- Chi Wang, NSSC, CAS  
THE PROGRESS AND FUTURE OF CHINESE SPACE SCIENCE PROGRAM
- Barbara Negri, ASI  
ITALIAN SPACE SCIENCE AND EXPLORATION PROGRAM
- Ruihong Yang, LESEC, CNSA  
INTRODUCTION TO CHINA'S LUNAR AND DEEP SPACE EXPLORATION MISSION
- Zhongping Zhang, SHAO, CAS  
RETRO–REFLECTORS DESIGN FOR LUNAR LASER RANGING AND APPLICATION
- Gengxin Xie, Center of Space Exploration, Ministry of Education  
THE FIRST–EVER BIOLOGICAL EXPERIMENT ON THE MOON
- Gianrico Filacchione, INAF–National Institute for Astrophysics  
SMALL BODIES OF THE SOLAR SYSTEM
- Yangting Lin, IGG, CAS  
KEY QUESTIONS OF THE SOLAR SYSTEM ADDRESSED BY SAMPLES RETURNED FROM ASTEROIDS AND COMETS,
- Giovanni Ambrosi, INFN– National Institute of Nuclear Physics  
ADVANCED TECHNOLOGIES FOR FUNDAMENTAL SCIENCE IN SPACE
- Qiang Yuan, PMO, CAS  
THE LATEST RESULTS FROM DAMPE





- Marco Feroci, *INAF–National Institute for Astrophysics*  
**eXTP**
- Shuangnan Zhang, *IHEP, CAS*  
**THE HIGH ENERGY COSMIC–RADIATION DETECTION (HERD)**
- Roberta Sparvoli, *INFN–National Institute of Nuclear Physics*  
**LIMADOU**
- Yuan Cao, *USTC*  
**GLOBAL–SCALE QUANTUM NETWORK**
- Daniele Dequal, *ASI*  
**ITALIAN ROADMAP FOR SATELLITE QUANTUM COMMUNICATION,**
- Frederic Monteverde, *ISTEC–Institute of Science and Technology for Ceramics of the National Research Council CNR*  
**ULTRA–HIGH TEMPERATURE CERAMICS AND COMPOSITES FOR AEROSPACE**
- CNSA and ASI  
**CONCLUDING REMARKS**

**13.00–15.00**

#### **SEMINAR 5**

#### **ENERGY AND CLEAN TECHNOLOGIES**

*Host:* Ge Yong, Associate Dean, Institute of innovation and development of sciences and technologies

##### **Italian speakers:**

- Corrado Spinella, *Director of Department of Physical Sciences and Technologies of Matter, National Research Council*  
**WIDE BAND–GAP SEMICONDUCTOR TECHNOLOGY AND ITS IMPACT ON ENERGY EFFICIENCY ISSUES**
- Alessandro Mordini, *ICCOM–Institute for the Chemistry of Organo Metallic Compounds of the National Research Council*  
**SOLAR TECHNOLOGIES FOR A DEEP DECARBONISATION**
- Loredana Ficarelli, *Vice Rector of the Polytechnic of Bari*  
**POLIBA STRATEGIES AND POLICIES FOR SUSTAINABILITY AND WELFARE OF FRAGILE TERRITORIES: ARCHITECTURES OF WATER AND EARTH**

##### **Chinese Speakers**

- Li Jiachun, *Academician of the Institute of Innovation and Development of Sciences and Technologies*  
**ON THE SCIENTIFIC AND TECHNOLOGICAL INNOVATION UNDER THE NEW ERA OF SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENT**
- Gou Zhongwu, *Director of the Institute of Innovation and Development of Sciences and Technologies*  
**GREEN ENERGY – WIND ENERGY DEVELOPMENT AND TECHNOLOGICAL INNOVATION**
- Wang Jun, *General manager, Beijing Zhongke Jiangfeng Technology Ltd.*  
**NEGATIVE OXYGEN ION COATING**
- Zhao Yin, *General manager, Zhonglvneng (Tianjin) Group Ltd.*  
**INTEGRATED ENERGY TECHNOLOGY AND COMMERCIAL APPLICATIONS**
- Guo Junlong, *Technical director, Beijing Waming Huaqing Environmental Protection Technology Ltd.*  
**INTELLIGENT ATMOSPHERE MONITORING AND ARTIFICIAL INTELLIGENCE APPLICATION ANALYSIS**
- Huang Jinhui, *Professor at the Nankai University*  
**SHARING AND DISCUSSION ON THE COOPERATION MODE OF SINO–CANADIAN JOINT R&D CENTRE FOR WATER AND ENVIRONMENTAL SAFETY**
- He Guangli, *R&D Manager, National Institute of Clean-and-Low-Carbon Energy*



13.00–15.00

#### SEMINAR 6A

### TECHNOLOGIES FOR THE PRESERVATION OF CULTURAL HERITAGE

Host: Wang Guocheng, Vice President of the Peking University science park

#### Italian speakers:

- **Italian co-chairman:** Gino Mirocle Crisci, Delegate of the Italian Technological Cluster of Cultural Heritage, Professor at the University of Calabria
- Nicola Masini, Researcher at IBAM-Institute for Cultural and Monumental Heritage of the National Research Council  
TOWARDS AN OPERATIVE USE OF MANNED AND UNMANNED REMOTE SENSING FOR THE STUDY OF HUMAN PAST AND SMART MANAGEMENT OF CULTURAL HERITAGE: THE REMOLAB PLATFORM OF ERIHS
- Antonino Frenda, Cultural Heritage & Regional–Urban Development – Researcher, LINKS Foundation, Piemonte  
INCREASING RESILIENCE OF CULTURAL HERITAGE THROUGH ICT: THE ResCULT PROJECT
- Marianna Calia, Research Fellow, University of Basilicata  
TOWARDS A LIVELY CONSERVATION: UNDERSTANDING FACTORS IN URBAN HERITAGE AREAS USING CITY–GRID SENSOR RECORDS
- Pasquale Rossi, Restoration School Director, University ‘Suor Orsola Benincasa’ – Napoli, Campania  
TRAINING FOR THE RESTORATION OF WORKS OF ART IN CAMPANIA. GUIDELINES FOR THE PROTECTION AND USE OF NEW TECHNOLOGIES
- Sara Abram, Manager of project Development, Centre for Conservation of the Venaria Real Palace  
SHARING PROTOCOLS AND METHODOLOGIES IN UNESCO’S WORLD HERITAGE SITES CONSERVATION, ADVANCED TRAINING EXCHANGE PROGRAMS

#### Chinese Speakers

- Gao Ge, Chairman of the China Cultural Technology Innovation Services Alliance  
THE TRANSFORMATION & UTILIZATION OF CULTURAL HERITAGE IN CULTURE AND TOURISM
- Zhang Lie, Associate Professor at the Tsinghua University School of Art  
TECHNOLOGY AND ART SERVE THE URBAN CULTURAL DEVELOPMENT – LUOYANG CULTURAL HERITAGE PROTECTION
- Wang Ke, Director of the City and Construction Research Center  
THE APPLICATION OF BUILDING CONSTRUCTION IN THE PROTECTION OF INDUSTRIAL HERITAGE

13.00–15.00

#### SEMINAR 6B

### TECHNOLOGIES FOR THE VALORIZATION OF CULTURAL HERITAGE TO THE PUBLIC

Host: Liu Bing, Secretary-General, China Cultural Technology Innovation Services Alliance

#### Italian speakers:

- **Italian co-chairman:** Tiziana Lippiello, Vice-Rector & Antonio Marcomini, University ‘Ca’ Foscari  
VENICE AND SUZHOU–HISTORICAL AND CULTURAL EXCHANGES, AN INTERDISCIPLINARY PROJECT IN COLLABORATION WITH SOOCHOW UNIVERSITY
- Giovanna Scaglione, International Coordination Activities, Agency for Digital Italy, Lazio  
DIGITAL ISSUES FOR CULTURAL HERITAGE IN ITALY
- Rosanna Romano, Director for Cultural Policies and Tourism  
THE DIGITAL REGIONAL ACTION PLAN FOR THE ENHANCEMENT OF CULTURAL HERITAGE
- Roberto Scopigno, Director of ISTI– Institute for Science and Technologies Information at the National Research Council  
INTERACTING WITH DIGITAL ARTWORKS



- Eva Pietroni, Art-Historian and Expert in Cultural Heritage Preservation, Researcher at ITABC-Institute for Technologies applied to Cultural Heritage of the National Research Council

A METHODOLOGICAL PROPOSAL TO DESIGN A GOOD VISIT EXPERIENCE IN A REAL MUSEUM INTEGRATING DIGITAL CONTENTS

#### Chinese Speakers

- Wang Zhigang, Director of the Tsinghua University Art School, Dept of Information Art & Design  
DIGITAL EXPERIENCE INNOVATION OF CULTURAL HERITAGE
- Xiong Meng, Secretary-General, China Federation of Industrial Economics  
THE INTEGRATIVE DEVELOPMENT OF CHINESE-ITALIAN INNOVATION DESIGN AND INDUSTRIAL
- He Yan, CEO of Digital Yuanming Technology Ltd.  
DIGITALIZE THE CULTURE HERITAGE
- Leirah Wang, CEO of Xuberance Design Ltd.  
3D PRINTING AND ART DESIGN
- Hui Pengyu, CEO of New Vision Digital Technology (Beijing) Ltd.  
THE APPLICATION OF MICRO-TRACE TECHNOLOGY IN THE FIELD OF CULTURAL HERITAGE DIGITIZATION

15.00-17.30

#### ONE-TO-ONE MEETINGS

If you have requested meetings with your registration, please check your schedule at your arrival in Beijing (Welcome desk at the Intercontinental Hotel on 24 Nov. between 16 to 20 pm) and at the beginning of the day at the event reception.

15.00-17.30

#### MID-TERM REVIEW MEETING MAECI-NSFC

15.00-17.30

#### NETWORKING SESSION BEST STARTUP SHOWCASE-ENTREPRENEURSHIP COMPETITION

Best Startup Showcase-Entrepreneurship Competition (BSSEC) is the bilateral platform aimed at promoting internationalization of Italian and Chinese innovative enterprises (startups, spinoffs, SMEs). It offers the opportunity to get close, approach, do business and land in the two Countries and to meet investors, incubators, science parks and partners through an intense and qualified networking activity. On November 25, 2019, the final of BSSEC was settled in Foshan, Guangdong province, with 30 teams competing for the top3.

The networking session will gather finalists with stakeholders for a follow-up session.

9.30-17.30

#### EXHIBITION AREA





**8:30**

**CHECK-OUT AND PICK UP AT THE HOTEL**

**9:00 – 12:00**

**DEPARTURE FOR VISITS BY GROUPS OF INTEREST**

Please be sure to book your visit in advance ([cina@cittadellascienza.it](mailto:cina@cittadellascienza.it))

**VISIT 1**

**FUTURE SCIENCE CITY**

The Future Science City is one of the biggest national technological innovation centre in Beijing focusing on the field of advanced energy technology, advanced manufacturing and healthcare. Beijing Municipal Committee and the Beijing Municipal Government goal is to turn the Future Science City into one of the world's leading innovation hubs. The Future Science City "Core" part is designed to be the "green center" where natural beauty blends perfectly with modern amenities.

The visit will include:



**CHINA TELECOM BEIJING RESEARCH INSTITUTE (CTBRI)** aims to create a decision-making think tank, a technology innovation engine and a products incubator for the corporation and its provincial subsidiaries. CTBRI's R&D innovations focus on enterprise strategy, fifth-generation mobile communication (5G); next-generation network system independent R&D; cloud computing, artificial intelligence, big data, Internet of Things, network security and application software development and product innovations.



**NATIONAL INSTITUTE OF CLEAN-AND-LOW-CARBON ENERGY (NICE)**, affiliated to China Energy Investment Corporation Ltd. has gradually become an emerging power in clean energy field. NICE is especially dedicated to the development of low carbon and clean energy technologies and focus on innovative technologies to support the R&D activities in the field of clean coal conversion and utilization.



**AVIC UNITED INNOVATION CENTER (AVICUI)** is an industry interconnection platform for "Internet, Innovation, R&D and Intelligent Manufacturing" focusing on 10 major industries (such as Electronic Information, Robotics, Intelligent Manufacturing, Virtual Reality, New Materials, Artificial Intelligence, Drones, Internet of Things, Advanced Equipment and Health & Medical). It has become an outstanding E&I platform operator of the China's central government enterprises.

**VISIT 2**

**TSINGHUA UNIVERSITY**

SEE PAG. 22



## VISIT 2

### TSINGHUA UNIVERSITY – INTELLIGENT ROBOT RESEARCH CENTER, INSTITUTE OF ARTIFICIAL INTELLIGENCE



The Department of Computer Science of Tsinghua University is one of the earliest Chinese units to carry out research on intelligent robots. It includes the Intelligent Robot Research Center whose purpose is to turn the center into an intelligent robot research institute with national and abroad influence. The visit is organized within the China-Italy Laboratory in Advanced Manufacturing (CI-LAM) promoted by Tsinghua University, University of Bergamo, University of Naples Federico II and the incubator Campania NewSteel.

After the visit to the labs, CI-LAM will introduce its activities and the next edition of the Summer School to be held in Beijing 2020. In July 2019 students from Italy and China attended the first CI-LAM Summer School in Naples-Italy, aiming at getting in touch with the scientific and industrial environment and working on specific pilot projects for the Joint Laboratory.

Delegates from Universities interested to join the Summer School are invited to join the visit.

### TRANSFER TO JINAN

by train from Beijing South Railway Station upon reservation:  
option 1 at 15.30 pm (train nr. G351)

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**13.00**

**TRANSFER FROM THE HOTEL TO THE TRAIN STATION** (for those not attending the visits)

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**19.00**

**WELCOME DINNER IN JINAN**



# JINAN SIDE EVENT







## 28 NOVEMBER \_ JINAN

# JINAN SIDE EVENT

JINAN IS THE PROVINCIAL CAPITAL OF SHANDONG, A PROVINCE SITUATED IN THE EASTERN COASTAL AREA OF CHINA. SHANDONG IS THE 3RD CHINESE PROVINCE IN TERMS OF GDP. THE CHINESE GOVERNMENT IS INVESTING IN THAT AREA FOR PROMOTING A SOCIAL AND ECONOMIC DEVELOPMENT BASED ON SCIENCE, TECHNOLOGY AND INNOVATION. JINAN IS THE CITY WHERE THE FIRST CHINA'S SUPERCOMPUTING CENTRE HAS JUST BEEN BUILT. THE MUNICIPALITY IS PROMOTING THE ESTABLISHMENT OF A NEW S&T INDUSTRIAL PARK BASED ON THE SINO-ITALIAN COOPERATION.

## JINAN SIDE EVENT

SHANDONG HOTEL, Jinan City, Shandong Province – No. 2-1 Maanshan Road, Lixia District, Jinan City

山东大厦, 中国山东济南, 马鞍山路2-1号

**9:00–9:30**

### INSTITUTIONAL CEREMONY

#### Italian Addresses:

- Corrado Spinella, *Delegate of the President of National Research Council*
- Lorenzo Fioramonti, *Minister for Education, Universities and Research*

#### Chinese Addresses

- Wang Zhonglin, *Standing Committee Member of CPC Shandong Provincial Committee and Secretary of CPC Jinan Municipal Committee (tbc)*
- Yu Jie, *Vice Governor of Shandong Province (tbc)*
- Xu Nanping, *Vice Minister of Science and Technology*

**13.00–15.00**

### THEMATIC SEMINARS

**13.00–15.00**

#### SEMINAR 1

### NEXT GENERATION OF INFORMATION TECHNOLOGY

#### Italian speakers:

- *Italian co-chairman:* Marco Maggiora, *Research Director, National Institute of Nuclear Physics*  
Automatic Deployment of Elastic Multi-Tenants Cloud (micro)infrastructures
- Pietro Ferraro, *Research Director of ISASI-Institute of Applied Sciences and Intelligent Systems of the National Research Council*
- Gianluca Giorgi, *CEO of ES Automation Consulting Ltd*

#### Chinese speakers

- Chen Yunji, *Researcher at the Institute of Computing Technology, Chinese Academy of Sciences*  
DEVELOPMENT OF NEW-GENERATION ARTIFICIAL INTELLIGENCE

- EXASCALE-SUPERCOMPUTING AND ITS APPLICATION PROSPECT
- SUPERCOMPUTING ENABLES INDUSTRIAL DEVELOPMENT

**10.30– 13.00**

#### SEMINAR 2.

### GREEN URBAN DEVELOPMENT

#### Italian speakers:

- *Italian co-chairman:* Sergio Ulgiati, *Professor at University 'Parthenope' of Naples*  
FOOD WASTE MINING WITHIN CIRCULAR AGRO-INDUSTRY. THE VALUE CHAIN OF WINE, OLIVE OIL, AND DAIRY PRODUCTS
- Federico Carotenuto, *Institute of Biometeorology of the National Research Council-CNR*



- Antonio Lo Porto, *Researcher-International Liaison Officer, IRSA- Water Research Institute of the National Research Council*

**WATER AND WASTEWATER REUSE EXPERIENCES IN THE EU AND CHINA**

- Francesco Ruggiero, *Professor at the Department of Civil Engineering Sciences and Architecture, Polytechnic of Bari*

**RENEW-URBAN: ASTREES IN THE SOLAR WIND**

- Enrica Caporali, *Department of Civil and Environmental Engineering, University of Florence*

**DEALING WITH WATER-ECOSYSTEMS IN A CITY ENVIRONMENT**

#### **Chinese speakers**

- Shi Lei, *Professor at the Tsinghua University*

**COMPLEXITY OF URBAN METABOLISM AND ITS POLICY IMPLICATIONS**

- Zhao Li, *General Manager, Glenbow Green Construction Technology Ltd.*

**PROSPECTS OF CHINA-ITALIAN COOPERATION IN SUSTAINABLE GREEN BUILDING**

- Shi Feng, *Director, Shandong Academy of Sciences*

**THOUGHTS ON RECYCLING OF CONSTRUCTION WASTES**

- Mou Zonggang, *Technical Director, Shandong Sanrun Environmental Protection Technology Ltd.*

**TECHNOLOGY FOR EFFICIENT CONTROL OF SURFACE DUST AND PROJECT DEMONSTRATION**

- Cui Zhaojie, *Professor at the Shandong University*

**STATUS QUO AND INTERACTION OF RECYCLING AND UTILIZATION OF RENEWABLE RESOURCES IN CHINA**

**13.00-15.00**

#### **SEMINAR 3**

#### **HEALTH AND LIFE SCIENCES**

##### **Italian speakers:**

- **Italian co-chairman:** Sergio Minucci, *Delegate for Internationalization, University of Campania Luigi Vanvitelli*

- Manuel Dionisio da Rocha Rolo, *Research Engineer, National Institute of Nuclear Physics*

**TECHNOLOGY TRANSFER OF INTEGRATED ELECTRONICS: FROM HEP TO MEDICAL INSTRUMENTATION**

- Alessandro Leone, *Researcher, IMM - Institute for microelectronics and Microsystems of the National Research Council*

**ENABLING TECHNOLOGIES AND SERVICES SUPPORTING ELDERLY PEOPLE AT HOME**

- Roberto Bizzotto, *Researcher, Institute of Neurosciences at the National Research Council*

**CHARACTERIZATION OF INDIVIDUAL PROGRESSION OF TYPE-2 DIABETES**

- *Representative of the Veneto Region and* Franco Naccarella, *Euro-China Healthcare Research Centre*

**ELDERLY INNOVATIVE SERVICES**

- Sara Coppola, *Research Scientist, ISASI-Institute of Applied Sciences and Intelligent Systems of the National Research Council*

**MANIPULATION OF LIQUIDS AND POLYMERS BY 3D INK JET PRINTING**

##### **Chinese speakers**

- Sha Junming, *Director of the Development Center, Life Science City, Jinan High-tech Zone Innovation and Development Environment*

**BIOMEDICINE INDUSTRY PLANNING OF HIGH-TECH ZONE**

- Ling Hong, *Vice President of Qilu Pharmaceutical Ltd.*

**THE ROAD OF QILU PHARMACEUTICAL TOWARD INTERNATIONALIZED INNOVATION AND DEVELOPMENT**

- Ma Xuejun, *Executive General Manager, Shandong Yinfeng International Bio City Construction Ltd.*

**INTRODUCTION TO YINFENG INTERNATIONAL BIO CITY**





13.00–15.00

## SEMINAR 4

### MODERN AGRICULTURE & FOOD SECURITY

#### Italian speakers:

- **Italian co-chairman:** Antonio Logrieco, *Director of ISPA– Institute of Sciences of Food Production of the National Research Council*  
THE PLANETARY GRAND CHALLENGE: TO DOUBLE AGRICULTURAL PRODUCTIONS, HALVING THE USE OF RESOURCES
- Nicola Caputo, *Counsellor for Agriculture, Regione Campania (tbc)*
- Federico Capuano, *Department Director of IZSM–Institute for animal safety evaluation and food control*  
STUDY AND RESEARCH TO INCREASE THE SAFETY AND THE SHELF LIFE OF FOODS AND FOR INNOVATIVE FOOD PACKAGING
- Ferdinando Branca, *Associate Professor at the University of Catania*  
HEALTH AND WELLNESS OF HUMAN BEINGS THROUGH BEVERAGE–DERIVED MICRORNAs?
- Andrea Balluchi, *President of Pure Power Control S.r.l*  
PRECISION FARMING MACHINERY

#### Chinese speakers

- Wang Bin, *Chairman of Shandong Huamei Biotechnology Ltd.*  
THE TRADITIONAL ROSE SEGMENT HAS BEEN TRANSFORMED AND UPGRADED TO REALIZE THE INTEGRATED DEVELOPMENT OF PRIMARY, SECONDARY AND TERTIARY INDUSTRIES
- Wu Jing, *Founder and Chairman of Volpusi Group*  
PROMOTING THE BUILDING OF BRAND AGRICULTURE AND TAKING THE ROAD OF INTERNATIONALIZED INTERNET OF INDUSTRIES
- Han Jishu, *Chairman of the Shandong Anxin Seedlings Ltd.*  
HIGH–QUALITY SEEDLINGS, MECHANIZED SEEDLING CULTIVATION, ALL–ROUND SERVICES, INNOVATIVE SEEDLING CULTIVATION AND DEVELOPMENT MODE FOR IMPROVING THE RESULTS OF SPECIALTY AGRICULTURE
- Wang Yuanhu, *General Manager of the Jinan Yuanhu Food Ltd.*  
DEVELOPMENT OF “SPECIALTY AGRICULTURE AND FOUR–IN–ONE MODE”

13.00–15.00

## SEMINAR 5

### INTELLIGENT MANUFACTURING

#### Italian speakers:

- **Italian co-chairman:** Sergio Cavalieri, *Delegate for the National Cluster Intelligent Manufacturing, Vice–Chancellor for Technology Transfer, University of Bergamo*  
INTRODUCTION ABOUT THE ITALIAN PERSPECTIVES
- Giorgia Giovannetti, *Vice Rector for International Relations, University of Florence*  
THE BRI STRATEGY IN THE SECTOR OF INTELLIGENT MANUFACTURING
- Ettore Stella, *Research Director, STIIMA– Institute of Industrial Intelligent Systems and Technologies of the National Research Council*  
INTELLIGENT QUALITY CONTROL FOR ADVANCED MANUFACTURING
- Nicola Parisi, *Lab Director of Digital Fabrication Institute of Technology, Polytechnic University of Bari*  
‘DO IT YOUR SELF’ AND ‘DIGITAL FABRICATION’ FOR SELF MADE ARCHITECTURE

#### Chinese speakers

- Zhang Chengrui, *Professor at the Shandong University*
- Yu Linming, *Chief Project Engineer, Robot, Intelligent Equipment Research Institute, Harbin Institute of Technology*  
PROMOTIONAL ROADSHOW FOR THE DEVELOPMENT PROJECT OF HIGH–END EQUIPMENT PHM SYSTEM



- Jiang Qi, *Deputy Chief of Zhangqiu District, Zhangqiu District Government*  
**INTELLIGENT MANUFACTURING OF ZHANGQIU DISTRICT**
- Huang Kaidong, *Chief of Zhangqiu District United Front Work Department, CPC Zhangqiu District Committee*  
**INTRODUCTION TO AND PROMOTION OF ZHANGQIU DISTRICT**

**12:45-14:15**

**LUNCH**

**14.15-16.30**

### **ONE-TO-ONE MEETINGS**

If you have requested meetings with your registration, please check your schedule at your arrival in Beijing (Welcome desk at the Intercontinental Hotel on 24 Nov. between 16 to 20 pm) and at the beginning of the day at the event reception.

**17:00-18:30**

**BUFFET RECEPTION AT THE SHANDONG HOTEL**

**18:00**

### **TRANSFER TO BEIJING**

by train from Jinan West Railway Station upon reservation:

option 1 at 19.18 pm (train nr. G166) - option 2 at 20.21 pm (train nr. G150)

**19.00**

### **LARGE-SCALE BEIJING OPERA IMAGERY ACROBATIC SHOW MAKE-UP**

Combining the old and the new, Make-up is born to be an exquisite acrobatic Beijing opera imagery show. It is an integration of the traditional Beijing opera national art, contemporary dance style and modern costumes. The show will highlight newness, rareness and beauty, and integrate the traditional Chinese opera elements and opera colors into stage installations and designs that meet contemporary aesthetic tastes of the public.



**8.30–11.30****VISITS TO S&T PARKS, INNOVATION CENTRES, LABS****YINFENG INTERNATIONAL BIO-CITY**

The Life Science City of High-tech Zone in Jinan, is represented by the Yinfeng Real Estate Group one of the top-ranking biotech park of China. Yinfeng Real Estate Group signed a strategic cooperation agreement with the 2014 Nobel Prize winner Dr. Edvard I. Moser to establish a Nobel Prize Workstation for the development of biomedical industry.

**ZHONGYI (SINO-ITALIAN) SCIENCE AND TECHNOLOGY INDUSTRY CITY IN ZHANGQIU DISTRICT**

The Sino-Italian Science and Technology Industry City was launched by Jinan City and Zhangqiu District. The Park will include five main areas: Medicare Technology, Innovation, Education, Residence, Commerce. At present, almost 10 Italian institutes and enterprises have expressed their intention to be involved in the project.

**STARTUPS AND INNOVATION BASE IN ZHANGQIU DISTRICT**

It is an intelligent and ecological Startups and Innovation Centre that includes research offices, exhibition, incubation, innovation and entrepreneurship. It is a new economic project with the main characteristics of absorbing new technologies, industries and formats.

**12:00–13:30****BUFFET LUNCH IN SHANDONG HOTEL****17.00****TRANSFER TO BEIJING**

by train from Jinan West Railway Station upon reservation:

option 1 at 16.40 pm (train nr. G322) – option 2 at 17.01 pm (train nr. G4)





# CHINA-ITALY SCHOOL MOBILITY PROJECT

## FASHION, ART AND CREATIVITY ON THE SILK ROAD CHINA-ITALY SCHOOL MOBILITY PROJECT

The project "Fashion, Art and creativity on the Silk Road" has been awarded in the Campania Region's program "Network for International Mobility in Secondary Schools", promoted at the National level by the Ministry of Education (MIUR).

The network of Italian Schools is composed by:

- MARCONI INSTITUTE OF GIUGLIANO (ccordinator)
- SCIENTIFIC LANGUAGE SCHOOL A.M. DE CARLO (Giugliano)
- TECHNICAL TECHNOLOGY INSTITUTE LEONARDO DA VINCI (Naples)
- SPECIAL SCHOOL CASELLI OF CAPODIMONTE (Naples).

The network represents didactic skills and educational paths ranging from fashion, design, ceramics and audiovisual to scientific and cultural skills, considered as central also in "professional paths" because they represent the added value of the Italian training system.

On the Chinese side, 4 institutes are involved in the project, all based in Beijing, with which the network of Campania Region schools aims to create a framework of stable collaboration on the themes of fashion, art and creativity, activating specific projects but also new activities of exchange between students from the two countries.

The schools in Beijing are:

- BEIJING COLLEGE OF FINANCE AND COMMERCE
- BEIJING POLYTECHNIC
- BEIJING INSTITUTE OF FASHION
- BEIJING ADVANCED TECHNICAL SCHOOL OF ARTS AND CRAFTS

The project aims at promoting exchange activities in the field of fashion, ceramics and art/literature, among Italian and Chinese teachers and students (age 16-19): starting with a visit to Beijing (23rd November –1st December), the Italian schools would like to establish durable agreements with the Chinese schools and institutes involved, in order to create a bridge between China and Italy and facilitate in the future:

TRAINING PERIODS FOR THEIR STUDENTS ABROAD (and vice-versa);

JOINT PROJECTS ON MATTERS OF MUTUAL INTEREST (to be discussed during their stay in Beijing)

Thus, a group of 40 students and teachers will be involved in the one-week mission to China, to be held at the China Italy Innovation Forum and Sino Italian Exchange Event, the two main events of Italian/Chinese cooperation that see the presence of the Italian Ministry of Education (MIUR), the Regional Government of Campania and high institutional representatives of both Governments.

The event will also be an opportunity to make known the skills of the Campania Region institutes, with the realization of a fashion show and a small exhibition of ceramic works made by the school of Capodimonte, with the intent to show the link between the Chinese ceramic tradition and that of Capodimonte.

During the days dedicated to the exchange in schools, children and teachers will be engaged with Chinese colleagues in joint laboratory activities and workshops about techniques of working, design of fashion and ceramics, the use of new and traditional materials, as well as– of course– on the central node of the relationship between the immense heritage of the two cultural traditions and the thrusts of innovation of its own fields of competence.





**Info.** Casa Cina-Ufficio Internazionalizzazione – Città della Scienza – tel.081.7352448/256  
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# CITTA' DELLA SCIENZA

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per il "Sino-Italian Exchange Event"



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