



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

The joint project between the prestigious  
ShanghaiTech University and the University of Padova presents:

# SCIENCE & ART in Italian Culture 2017

second edition

The three-week intensive course offers an across-the-board panorama of the most exciting topics of Science (from Biology to Neuroscience to Astrophysics) and of Italian Art and Culture. The programme features an impressive number of leading scientists and academics as guest speakers. The course is not only developed for the students of ShanghaiTech University, but also aims at promoting cultural exchange and strengthening academic relations. Students of the University of Padova are therefore welcome to join the lectures, according to availability, upon registration.

## Week 1

1



### VENICE

Don Orione Foundation

Zattere Dorsoduro, 909/A - 30123 Venezia

17th - 22nd July

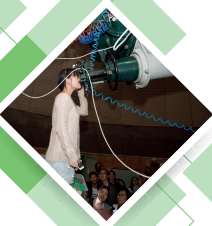
### ITALIAN ART AND GENERAL CULTURE

**Selected lectures:** "Gods and Heroes in Italian Art"; "The Cult of Saints in Western Religion"; "The Cultural Interplay between China and the West: from Marco Polo to Matteo Ricci"; "History and Development of Cinematography"; "Venetian Villas and Gardens"; "Venetian Glass Art and Science"; "Music history in the Venetian State" and many more on Italian Painting, Sculpture and Architecture.

*Among the speakers:* Sergio Durante (Univ. Padova); Cinzia Sada (Univ. Padova); Margherita Azzi-Visentini (Polytechnic University of Milan); Paola Pellegrini (Xi'an Jiaotong - Liverpool University); Maria Cristina La Rocca (Univ. Padova); Laura Orsi (Franklin University Switzerland); Isabella Colpo (Univ. Padova); Diego Poli (Univ. Macerata); Cristina Beltrami (Univ. Verona) and many others.

## Week 2

2



### ASIAGO

Rigoni Stern Institute

Viale Giacomo Matteotti, 155 - 36012 Asiago (VI)

23rd - 30th July

### FROM PHYSICS AND MATHEMATICS TO NEUROSCIENCE

**Selected lectures:** "Origin and Evolution of the Universe"; "Comets from Giotto to Rosetta"; "The Discovery of Higgs' Boson"; "Complexity: How to Deal with It"; "Mathematical Paradoxes"; "History of Geometry"; "Origin and Development of Informatics"; "Why is the Sky Black? The Olbers Paradox"; "The Origin of Oceans"; "The Perception of Colour"; "From Single Cells to Cortical Networks" and many more key scientific issues.

*Among the speakers:* Pietergiorgio Odifreddi (Univ. Torino); Maurizio Corbetta (Univ. Padova); Giorgio Vallortigara (Univ. Trento); Bert Sakmann (Nobel Laureate); Piero Benvenuti (Univ. Padova); Cesare Barbieri (Univ. Padova); Carlo Someda (Univ. Padova); Massimo Turatto (INAF Padova); Luca Stanco (Univ. Padova); Carlo Doglioni (Univ. Roma Sapienza); Fabrizio Nestola (Univ. Padova); Denis Bastien (Univ. Padova) and many others.

## Week 3

3



### PADOVA

Centro Linguistico di Ateneo

Via Venezia, 16 - 35131 Padova

31st July - 6th August

### LIFE SCIENCES, FROM HUMAN EVOLUTION TO CELL BIOLOGY

**Selected lectures:** "Symbolic Thinking of the Neanderthals"; "Cultural Evolution: towards the Post-Human"; "A Modern View of Mitochondria"; "New Clocks and Microscopes to Reconstruct Human History"; "Stem Cells: Origin and Perspectives"; "Optogenetics: a Tool to Investigate Heart Function"; "What is Life"; "Neural Mechanisms for Understanding Others"; "Scientific Frauds and Errors: the Dark Side of Science"; "Philosophical Freedom in Scientific Research and Art Practice" and many more key scientific issues.

*Among the speakers:* Giacomo Rizzolatti (Univ. Parma); Marco Peresani (Univ. Padova); Giorgio Manzi (Univ. Roma Sapienza); Guido Barbuani (Univ. Ferrara); Giuseppe Longo (Univ. Trieste); Ernesto Carafoli (VIMM Padova); Giulio Giorello (Univ. Milano); Pier Luigi Luisi (Emeritus Prof. Swiss Federal Institute of Technology); Luca Scorrano (Univ. Padova); Nicola Elvassore (Univ. Padova); Marco Mongillo (Univ. Padova) and many others.

The full programme is available at: [www.unipdchina.com](http://www.unipdchina.com)

#### TO REGISTER OR ASK FOR FURTHER INFO, PLEASE CONTACT:

Organization manager: Kim Anne Barchi, University of Padova - [unipdchina@gmail.com](mailto:unipdchina@gmail.com)

Adequate knowledge of English language is required to attend the lectures.



Centro Linguistico di Ateneo

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