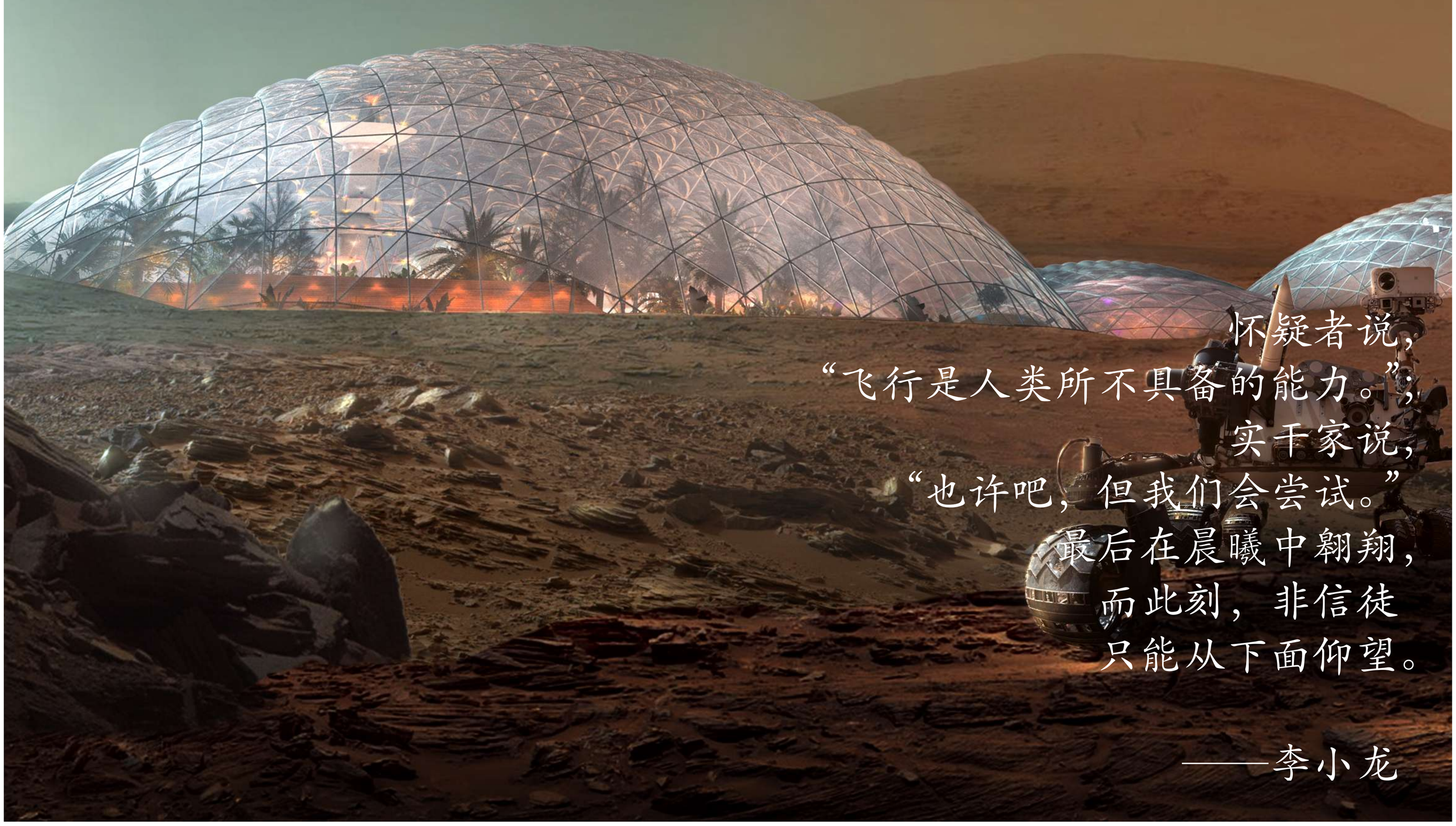
Mars Day



An Outreach Event at GZHU

18 April 2019 2–6 pm

地址：广州大学行政西楼2楼会议厅
番禺区大学城外环西路230号

Guangzhou University, 230 Waihuan West Road,
Administration West Building, Conference Hall 2nd floor

Consolato Generale d'Italia
Canton
意大利驻广州总领事馆

AAIIC
中国意大利学者协会
ASSOCIAZIONE ACCADEMICI ITALIANI IN CINA

PROGRAM

2:00 Welcome Speech by Prof. Guo Xingpeng
Vice President of Guangzhou University

2:10 Welcome Speech by Cons. Lucia Pasqualini
Consul General of Italy in Guangzhou

2:20 Welcome Speech by Prof. Zhang Jingyi
Dean of the School of Physics and Electronic Engineering

2:30 The Conquest of Mars: when Technology is not Enough!
Denis Bastieri, Center for Astrophysics at Guangzhou University and University of Padova

3:00 The Way to Mars! How to Build a Sustainable Ecosystem for the Aerospatial Belt & Road
Roberto Donà, International Business School of Suzhou (IBSS), Xi'an Jiaotong/Liverpool University

3:25 Molecular Medicine to Speed Up Human Evolution towards Mars
Camilla Luni, Shanghai Institute for Advanced Immuno-chemical Studies (SIAIS), ShanghaiTech University

3:50 Intelligent Reasoning and Artificial Intelligence concerning a Mission to Mars
Zhu Wei, Department of Philosophy, Peking University

4:20 Is It Immoral to Go to Mars?
Andrea Baldini, Young Ambassador of the Jiangsu Province, School of Arts, Nanjing University

5:00 Will There Ever Be Human Life on Mars?
Andrea Altobrando, School of Humanities, China University of Political Science and Law (CUPL)

5:40 Is there life on Mars?
The *'male'* planet and women's life-generating element – A different perspective from a woman's point of view
Cristiana Barbatelli, BAISHI Barbatelli & Partners Management Consultant Co. Ltd (Shanghai)

Moderator: Prof. Fan Junhui – Center for Astrophysics GZHU

RATIONALE

"Mars is the appropriate long-term goal for the human space flight program". On March 2017, with this statement, the US Congress mandated NASA to take us humans to Mars.

Mars and Martians have long since fascinated human imagination, in many languages and many cultures. Mars has become synonymous with extraterrestrial beings.

Starting with the observation of Schiaparelli during the Great Opposition of 1877, Mars has been imagined by many as riddled with *canals* (that is artificial channels) and with its own system of oceans and continents, speculations that not even the Mariner program with its flybys was able to smother completely.

It is not a big surprise then, that nowadays, as technology makes giant leaps forward, the question has shifted from *whether* Terrans will go to Mars, to *when* Terrans will colonise Mars!

Are we ready for it?

It is not only a matter of technology! Humans will have to sustain a huge amount of radiation and stay virtually isolated or in close contact with few other individuals for almost three years or possibly longer. How to provide the necessary food, oxygen and water? How will we deal with the inevitable sudden decline of physical performances due to low gravity and radiation? And the psychological consequences of living in a small community of elite people? How will robotic probes, swarms of satellites and AI on board help the Terrans on Mars?

Many questions arise very quickly and can get an answer only inside a wide multidisciplinary community, and in particular inside a university, where the students that will help answering them could become the first Terrans on Mars.