

天问：世界观的对话
INTER-WORLD-VIEW
HANGZHOU CHINA 2020

邀请手册 / Invitation and Information



WORLD YOUNG
SCIENTIST SUMMIT
CHINA 2020



INTER-WORLD-VIEW
HANGZHOU CHINA 2020





“世界青年科学家峰会”（WYSS）是由中国科协和浙江省政府主办，浙江省科协和温州市政府承办的国际性活动。首届世界青年科学家峰会于2019年10月在浙江温州成功举办，习近平主席发来贺信，来自102个国家、地区和国际科技组织的海内外科学家与会。“天问：世界观的对话”国际论坛是“2020世界青年科学家峰会”在杭州的主题专场活动，将于2020年10月15日至21日在杭州与温州两地举办，由浙江省科学技术协会和中国美术学院联合主办，将在全球范围邀请涉足自然科学、社会科学以及人文文化领域的学者参与，将以艺术的形式发问科学，也从科学的角度解读艺术，共同针对系列普遍性问题而开启全球科学家与人文学者的跨领域对话。

World Young Scientist Summit (WYSS) is organized by the China Association for Science and Technology (CAST), and the People's Government of Zhejiang Province, is undertaken by the Zhejiang Association for Science and Technology and the Wenzhou Municipal People's Government. The First World Young Scientist Summit was successfully held in October 2019 with a congratulatory letter from President Xi Jinping. Scientists from 102 countries, regions and international scientific and technological organizations have participated in the summit. As a special event of WYSS 2020, Inter-World-View 2020 (IWV 2020) is joint-sponsored by CAST and China Academy of Art (CAA). It will take place in Hangzhou and Wenzhou from 15th to 21st October 2020, with scholars invited globally from the fields of natural science, social science, and humanistic culture. It will question science in the form of art, interpret art from a scientific perspective, and will highlight a series of cross-disciplinary debates on the universal questions that are interested by both scientists and humanistic intellectuals.



发问,人与生俱来的本性,本质是对“千变万化”背后“万世不变”的探求.....而天问,则是对一切发问的究极——既是以管窥天的人类对天地万物的普遍性发问,也是共享同一宇宙的众生对天人之际的追根溯源。人生天地间,童蒙初开亦如鸿蒙初辟,一切因未知而新鲜,人因未知而好奇,因好奇而观世界,因观世界而有世界观。发问并非为了答案,也许没有答案,发问是为了我们作为人的存在。因问而学,因而有了学问与观念;因问而对,因而有了文明与启蒙。



天问:世界观的对话
INTER-WORLD-VIEW
HANGZHOU CHINA 2020

科学与艺术,人类对世界的两种看法。二者的核心价值,在于以思想实验的方式对人类世界观的破与立、以及对人类日常的重新发明。这种建立在差异性上的共性,使得二者可能在“究天人之际,通古今之变”的途中相遇;而殊途同归,正是二者间发问和对话的基础。

Questioning is the innate nature of human being. Its essence is to search the "never-changed eternity" behind the "ever-changing" world. Tian Wen - universal questions - is the ultimate question of all questions - not only the universal questions of all things by the curious human being, but also the tracing of the universe-man relationships by all living creatures who share the same universe. When a man is born into the world, the beginning of his/her childhood is like the beginning of the creation. Everything is fresh because of the unknown. People are curious because of the unknown, and they view the world because of the curiosity. People have worldviews because of their views of the world. Questioning is not for answers, perhaps there are no answers. Questioning is for our existence as human beings. Learning by questioning, we acquire knowledge and perceptions. Responding to questions, we are civilized and enlightened.

Science and art, man's two views of the world. The core value of the two lies in the constant destructions and establishments of human worldviews, as well as the re-inventions of human daily life by means of thought experiments. This commonness based on differences makes the two meet in the way of "exhausting the universe-man relationships, comprehending the changes of all times". "Different paths lead to the same destination" is the basis for the questioning and communicating between science and art.

谨代表“2020世界青年科学家峰会项目”组委会,我们诚挚地邀请您参与今年峰会的特别活动单元“天问:世界观的对话”,前来共同开启一次全球科学家与人文学者之间的跨领域对话。

“世界青年科学家峰会”(WYSS)是一个以构建人类命运共同体为长远目标,面向全球青年高层次人才学术项目的学术项目。自从2019年正式启动以来,此项年度峰会已经获得来自20多个国际学术组织的热烈响应。“天问:世界观的对话”(IWV 2020)是其中由中国科学技术协会(CAST)和中国美术学院(CAA)联合主办的特别活动单元。该活动将在中国杭州以线上结合线下的对话交流形式,针对科学家和人文学者们感兴趣的一系列普遍性问题而展开跨学科的研讨。

研讨会将于10月15日至21日持续七天,并由七个版块组成。每个版块都将涵盖一系列二元一体的子主题,包括:

- 1 科学 / 学问 Science | Knowledge
- 2 物理 / 思辨 Physics | Meta-physics
- 3 量子 / 生命 Quantum | Anima
- 4 天文 / 人文 Universe | Civilization
- 5 智能 / 艺术 Intelligence | Art
- 6 危机 / 转机 Crisis | Change
- 7 预测 / 想象 Anticipation | Imagination

在上述各版块中,我们将在全球范围内邀请数位涉足自然科学、社会科学以及人文文化领域的嘉宾参与。每位嘉宾都将从对应版块的子主题中提炼出一个具体问题,并完成一个相关的主题演讲;再由现场主持人发起集体访谈,探讨各位的“观世界”和“世界观”。主题演讲可根据嘉宾自身的便利条件来选择用线上(预录制)或线下(现场)方式完成。此外,“天问:世界观的对话”活动的完整过程将汇同一系列的现场空间展演活动录制剪辑成纪录影像,并在活动结束后向公众正式发布。

我们衷心期待您能积极考虑并接受此次邀请,也期待您能在方便的时候尽早回复参与意向。如果您接受邀请,我们将尽快发出活动流程工作手册,以便您了解参与细节。此外,如果您有任何的疑问或者建议,请在接下来的两周内通过电子邮件与我们联系,或可联系我们进行线上的前期沟通。

谨此奉邀。

项目总策划人
姜珺 刘益红
Inter-World-View 2020

联系邮箱: Interworldview@caa.edu.cn

On behalf of the board of WYSS 2020, we are honored to invite you to participate Inter-World-View, a special event of WYSS 2020 and a global cross-disciplinary dialogue between scientists and humanistic intellectuals.

The World Young Scientist Summit (WYSS) is an academic event hosted for the world young high talents, with a long-term vision for building A Community of Common Destiny for all Humanities. Ever since it was launched in 2019, the annual Summit has received warm responses from more than 20 international academic organizations. As a special event of WYSS 2020, Inter-World-View 2020 (IWV 2020) is joint-sponsored by China Association for Science and Technology (CAST) and China Academy of Art (CAA). It will take place in Hangzhou in the form of online to offline dialogues, which will highlight a series of cross-disciplinary debates on the universal questions that are interested by both scientists and humanistic intellectuals.

The dialogues will have seven parts last for seven days from Oct.15-21, and the sub-topics are set in serial dichotomous but intrinsically related counterparts, including:

For each part, there will be three guests as well as one host invited globally from relevant (natural and social) science and humanistic intellectuals. Each guest will have a keynote speech as the response to a specific question he/she raises chooses to the corresponding sub-topic, followed by a collective interview by the host on how everybody views the world and what is his/her world-view. The keynote speech could be online or offline according to the guest's convenience. The whole IWV process, together with a series of on-site performances, will be edited into a documentary broadcasted to the public after the event.

Sincerely yours,

JIANG Jun + LIU Yihong
Chief Curator
Inter-World-View 2020

Interworldview@caa.edu.cn

科学

Science

学问

Knowledge

物理

Physics

思辨

Meta-Physics

量子

Quantum

生命

Anima

天文

Universe

人文

Civilization

智能

Intelligence

艺术

Art

危机

Crisis

转机

Change

预测

Anticipation

想象

Imagination

科学(Science)拉丁文本义为“学问”，而在中国的文明脉络中，“学问”即对“天人之际”的终极探索与发问，天地与人事的相关性内在于一切学问之中，而学问也因“天地人”而“止于一”。近代由日本转译而来的“科学”更多指向分门别类的“分科之学”，天人关系在“自然科学”和“社会科学”乃至“人文文化”的分科中被淡化，知识在分类中得以细化，同时也受限于分支本身而难以回到知识整体。在物理学追求基本理论统一的同时，一切知识是否具有统一的价值？什么是知识的统一之道？

In Latin, scientia means knowledge. Meanwhile, in the context of Chinese civilization, knowledge is the ultimate exploration and enquiry of "the relations between universe and man", which has been embedded in all knowledges. Knowledges could be therefore unified as ONE because of the unity of "heaven-earth and human". In modern times, translated from Japan, science refers more to "the science of disciplines", in which "the universe-man relationship" is diluted in the branches of natural sciences, social sciences and humanistic cultures, and it's harder and harder for knowledges to be back to the whole because of the restriction of the branches. While physics pursues the unification of basic theories, is there a value for the unification of all knowledges? What is the way of the unification of all knowledges?

科学

Science

学问

Knowledge

Panel

1

分科之学的统一之道 Great Unity of All Knowledges

Oct.15,2020.Thursday Night
十月十五日 / 星期四，晚

主讲嘉宾 || Keynote Speaker

高世名 + 施一公
金允哲 + Jon JENKINS(NASA)
盛晓明 + 苟利军

GAO Shiming + SHI Yigong
JIN Yunzhe + Jon JENKINS
SHENG Xiaoming + GOU Lijun

主持 || Moderator

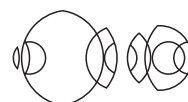
姜珺 + 刘益红
JIANG Jun, LIU Yihong

地点 || Venue

杭州·中国美术学院象山校区·山北体育馆(8号楼)

Shanbei Gymnasium (BLD.8), Xiangshan Campus, China Academy of Art, Hangzhou

(流程：线上线下嘉宾演讲各20分钟 / 集体讨论20分钟
Agenda: Online & Offline guest speakers for 20 minutes each, group discussion for 20 minutes)



从形而下的“格物”，到形而上的“致知”，从逻辑与实证的经验，到思辨与想象的超验，现代物理学对本质与未知的探索，使得其边界具有前所未有的广延性，并渗透了曾经属于哲学的问题范畴，而进入神学，美学与玄学的“天人之际”，成为持续地重新发明人类世界观的“天问”之学。如果说“不可实证”越来越成为未来物理学的主体，物理学是否会替代哲学成为思辨的主战场？而基于理性推导的物理思辨，与基于心观参悟的神学、美学与玄学之间，又会构成怎样的互相参照？

From the physical investigation of objects, to the metaphysical acquirement of knowledges, from the experiences of logics and experiments, to the transcendences of speculations and imaginations, modern physics' explorations on the essence and the unknown have made its boundaries unprecedentedly extensive, which have penetrated the once exclusive category of philosophy, into the dimensions of theology, aesthetics and metaphysics, and has become a discipline of "universal questions" that is constantly reinventing the world views of human being. If non-empirical-ness has become the subject of physics in the future, will physics replace philosophy as the main battlefield of speculation? And what kind of cross-references will be formed between physical speculation based on rational deduction, and theology, aesthetics, metaphysics based on meditation and perception?

物理

Physics

思辨

Meta-Physics

Panel

2

实证之余，思辨之始

Where Empiricism Ends, Speculation Starts

Oct.16,2020.Friday Night

十月十六日 / 星期五，晚

主讲嘉宾 || Keynote Speaker

汪诘 + 张永和 + Lea PORSAGER

Paul HARDAKER + Jose Ignacio LATORRE

WANG Jie + Yung-Ho Chang + Lea PORSAGER

Paul HARDAKER + Jose Ignacio LATORRE

主持 || Moderator

刘畑 + 张婷

LIU Tian + ZHANG Ting

地点 || Venue

杭州·中国美术学院象山校区·山北体育馆(8号楼)

Shanbei Gymnasium (BLD.8), Xiangshan Campus, China Academy of Art, Hangzhou

(流程：线上线嘉宾演讲各20分钟 / 集体讨论20分钟)

(Agenda : Online & Offline guest speakers for 20 minutes each, group discussion for 20 minutes)



科学曾经一度将主体排除于客观世界之外，而对有关因果与机遇的种种悖论几乎一无所知，直到近期量子理论的出现。一方面，人类建立在经典物理学基础之上的常识被打破，另一方面，量子力学对于意识与物质间相互作用的发现，又如同对“物我不二”的天人世界观的重启，令人似曾相识。量子的不确定性，为生命的自性留出了天地；而非生命无序化相向而行的生命有序化，则在以“以负熵为食”的实践与“逆转熵增”的修炼中，重新建构了生命与人作为主体的意义。生命的本质是什么？其目的性背后更深刻的原理又是什么？如何“为天地立心”？

Science used to exclude the subject from the objective world, and understood almost nothing about the paradoxes of cause-effects and chances, until the emergence of quantum theory recently. On the one hand, the common sense of mankind based on classical physics has been broken down, on the other hand, the discovery of the consciousness-matter interaction in quantum mechanics has been almost a resurgence of the traditional "universe-man" world view, in which object and me are united in one. The uncertainty of quantum leaves spaces for the subjective nature of life. Based on the practice of "feeding on negentropy" and "reversing the entropy increase", the order of life, as opposed to the disorder of non-life, has reconstructed the meaning of life and human as the subject of its own. What is the essence of life? What are the deeper principles behind its purpose? How to establish the synchronization for the universe and man?

量子

Quantum

生命

Anima

Panel

3

超距幽灵与生命秩序 Spooky Action and Life Order

Oct.17,2020.Saturday Night
十月十七日 / 星期六，晚

主讲嘉宾 || Keynote Speaker

吴国林 + 成素梅 + Franck MARCHIS
莫妮卡·贝洛 + 半导体 + 赫尔嘉·提姆珂 +
安提·塞帕依

WU Guolin + CHENG Sumei + Franck MARCHIS
Monica BELLO + Semiconductor + Helga TIMKO
Antti SEPPÄNEN

主持 || Moderator

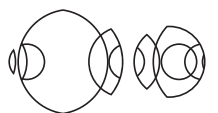
莫妮卡·贝洛 + 姜珺
Monica BELLO + JIANG Jun

地点 || Venue

杭州·中国美术学院象山校区·山北体育馆(8号楼)

Shanbei Gymnasium (BLD.8), Xiangshan Campus, China Academy of Art, Hangzhou

(流程 : 线上线嘉宾演讲各20分钟 / 集体讨论20分钟
Agenda : Online & Offline guest speakers for 20 minutes each, group discussion for 20 minutes)



历史上的天文学从来就不只是一门“观象授时”的科学,而是与“居中而治、顺时施政”的政治、文化、哲学乃至宗教等人文学科有着深厚关联的“总体知识”,而人文也通过取法天文的“刚柔交错”以达到“文明以止”继而“化成天下”。源自天文的宇宙观如何推动人文的世界观演变?古代“天文-人文”中无处不在的“天人关系”及其“象天法地”的方法在今日的价值是什么?现代天文学的演进可以对现代文明重建启蒙吗?

Historically, astronomy has never been a science of merely "observing the celestial phenomena and issuing the official calendars", but a "total knowledge" that had deep relationships with humanities such as politics, culture, philosophy and religion, which in return followed the observed pattern of astronomy to achieve its enlightenment as well as a civilized world. How does cosmos-view derived from astronomy drive the evolution of the human world-view? What is the value of the once ubiquitous "universe-man relationship" and its method of "following the law of nature" for today? Can the evolution of modern astronomy reconstruct enlightenment for modern civilization?

天文
Universe

人文
Civilization

Panel

4

天人之际 Link of Universe and Man

Oct.18,2020.Sunday Night
十月十八日 / 星期日 , 晚

主讲嘉宾 || Keynote Speaker

张文江 + 孙英刚 + 钮卫星
赵冬梅 + Suzanne TREISTER

ZHANG Wenjiang + SUN Yinggang +
NIU Weixing
ZHAO Dongmei + Suzanne TREISTER

主持 || Moderator

丁筱 + 姜珺
DING Xiao + JIANG Jun

地点 || Venue

杭州·中国美术学院象山校区·山北体育馆(8号楼)

Shanbei Gymnasium (BLD.8), Xiangshan Campus, China Academy of Art, Hangzhou

(流程 : 线上线下嘉宾演讲各20分钟 / 集体讨论20分钟
Agenda : Online & Offline guest speakers for 20 minutes each, group discussion for 20 minutes)



目前的人工智能是在一个可预测的世界模型之上建立起的运算与反馈机制,其本质是理性个体假设。问题在于,如何以算法应对无数社会性个体之间充满非理性和偶然性的相互作用?在人工智能的AI之外,我们还有艺术的智性(Artistic Intelligence)的AI,那里是人类创造力的保留地。真正的科学与艺术是系统地破立三观的学问。科学和艺术的合作不应限于工具性的整合,而是要互为参照,互为启蒙。因此,在数码物件(digital object)的井喷之外,是否应有一种数码主体(digital subject)的探索,以作为科艺融合的新边疆,重新定义“何以为人”的内涵?

The present artificial intelligence is a calculation-feedback mechanism based on a predictable world model, which is derived from a rational individual hypothesis. The question is, how can algorithms deal with the irrational and accidental interactions of countless social individuals? In addition to the Artificial Intelligence AI, we also have the Artistic Intelligence AI, which is the cultural reserve of human creativity. The objective of science and art, then, is in consciously and systematically challenging and even breaking the traditional world view. Cooperation between science and art should not be limited to mere instrumental integrations, but references and enlightenments for each other. Therefore, in addition to the proliferation of Digital Objects, should there be an exploration of the Digital Subjects to redefine How Human be Human as a new frontier of scientific and artistic integration?

智能

Intelligence

艺术

Art

Panel

5

两个AI的协同进化 Co-evolution of the 2 AIs

Oct.19,2020.Monday Night
十月十九日 / 星期一, 晚

主讲嘉宾 || Keynote Speaker

许煜 + 王洪喆 + RAQS媒体小组
Carlo RATTI + 罗巍 + 蒂姆·马祖洛

Yuk HUI + WANG Hongzhe +
RAQS Media Collective
Carlo RATTI + LUO Wei + Tim MARZULLO

主持 || Moderator

高世名 + 姜珺
GAO Shiming, JIANG Jun

地点 || Venue

温州肯恩大学商学院报告厅

Auditorium, College of Business & Public Management, Wenzhou-Kean University, Wenzhou

(流程 : 线上线下嘉宾演讲各20分钟 / 集体讨论20分钟
Agenda : Online & Offline guest speakers for 20 minutes each, group discussion for 20 minutes)



生产力降低, 经济停滞, 冲突与不均的全球危机现象, 乃因资本主义内在的掠夺性积累、垄断、分配不公、以及社会制度的民主表达机制不良, 劳动力流动限制与移民政策等所造成。”激进市场”是一场迈向激进改变的思想实验, 以之筹划经济、社会、资讯技术的由下而上的未来方案, 同时考虑到自由市场的配置效率与投资诱因, 成为社会性共好的转机。什么是当下危机的关键问题? 如何在自由经济与国家在长期风险管控方面的经济干预之间取得平衡? 现代社会如何应对与系统复杂性正相关的伴生风险?

The global crises of declining productivity, economic stagnation, conflict and inequality are caused by the inherent predatory accumulation, monopoly, and inequitable distribution of capitalism, as well as the poor democratic mechanism, restrictions on labors and immigrants' mobility. The "radical market" is a thought experiment seeks "radical change", in order to plot the bottom-up economic, social, and informational technology plans of future, taking into account the allocation efficiency of the free market and investment incentives at the same time, and turning crisis into opportunities for the common good. What are the critical issues of the current crisis? How to strike a balance between a free economy and state economic intervention in long-term risk management? How does modern society deal with the associated risks that are positively correlated with its system complexity?

危机

Crisis

转机

Change

Panel

6

激进市场与思想实验

Radical Market and Thought Experiments

Oct.20,2020.Tuesday Night

十月二十日 / 星期二, 晚

主讲嘉宾 || Keynote Speaker

大卫·哈维 + E·格伦·韦尔 +
维塔利克·布特林 + 弗朗西丝卡·布里亚

David HARVEY + E.Glen WELY
Vitalik BUTERIN + Francesca BRIA

主持 || Moderator

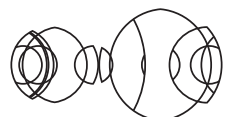
黄孙权 + 刘益红
HUANG Sunquan + LIU Yihong

地点 || Venue

杭州·中国美术学院象山校区·山北体育馆(8号楼)

Shanbei Gymnasium (BLD.8), Xiangshan Campus, China Academy of Art, Hangzhou

(流程: 线上线下嘉宾演讲各30分钟 / 集体讨论30分钟
Agenda: Online & Offline guest speakers for 30 minutes each, group discussion for 30 minutes)



如果说科学是对客观规律的掌握, 结底则在于对未来的预测与想象, 并据此对其规律作证实或证伪。未来集合了我们对死亡的恐惧与对新生的执念, 是一切未知的总和, 也是一切问题的问题。而无论是对“彼时彼地”的理性预测还是诗性想象, 都作为“此时此地”的万千折射, 在“可知与不可知”的玄妙纠缠之间, 重塑着我们的世界观, 也在我们趋利避害的本能中左右着我们福祸相依的选择。未来在何种程度上是可以预测的? 历史与未来间是何种关系? 是否存在一种绝对的“好未来”和“坏未来”? 想象的意义又是什么?

If science is the grasp of objective laws, after all it is about the anticipation and imagination of the future, based on which it can verify or falsify the laws. The future brings together our fear of death and our obsession with life. It is the sum total of all unknowns and the problem of all problems. Whether it is a rational prediction or a poetic imagination of “then and there”, as the myriad refractions of “here and now”, it always reshapes our world-views in the mysterious entanglement of the “knowable and unknowable”, and influences our choices with our instincts in seeking fortunes and avoiding misfortunes. To what extent is the future predictable? What is the relationship between history and the future? Is there an absolute good future and a bad future? And what is the meaning of imagination?

预测

Anticipation

想象

Imagination

Panel

7

一切问题的问题 Question of All Questions

Oct. 21, 2020. Wednesday Night
十月二十一日 / 星期三, 晚

主讲嘉宾 || Keynote Speaker

雷姆·库哈斯 + 温铁军
刘慈欣 + 弗朗西斯科·韦尔索

Rem KOOLHAAS + WEN Tiejun
LIU Cixin + Francesco VERSO

主持 || Moderator

斯蒂芬·彼得曼 + 姜珺
Stephan PETERMANN + JIANG Jun

地点 || Venue

杭州·中国美术学院象山校区·山北体育馆(8号楼)

Shanbei Gymnasium (BLD.8), Xiangshan Campus, China Academy of Art, Hangzhou

(流程: 线上线下嘉宾演讲各20分钟 / 集体讨论20分钟
Agenda: Online & Offline guest speakers for 20 minutes each, group discussion for 20 minutes)



28

Universal Questions

Q1/What is the most important question? **Q2/**What do we believe but cannot prove? **Q3/**What are the "laws" unifying the fundamental physics, chemistry, biology, social science and humanistic science? **Q4/**What is the question of the scientific world?

Q5/What is the meaning of "time"? **Q6/**Is there a deeper principle behind quantum mechanics? **Q7/**Can "Time" be designed? **Q8/**What do you always ask yourself?

Q9/What is life? **Q10/**What is the meaning of "consciousness"? **Q11/**What is the nature of extraterrestrial intelligences, if any?

Q13/What defines us as human? **Q14/**What is the relationship between the Universe and human? **Q15/**What are the most beautiful things you find in the Universe?

Q17/Will the meaning of "who we are" change? **Q18/**Where are the limits of human knowledge? **Q19/**Can entropy ever be reversed? **Q20/**What are the questions included on Voyager's golden record?

Q21/What are the similarities between different cultures? **Q22/**How do we deal with modern risks that are positively correlated with progress? **Q23/**How to resist alienation? **Q24/**What is the key question of the current crisis?

Q25/Can the future be predicted? **Q26/**Will we find an alternative to death? **Q27/**What would you like to tell to the generation in a thousand years later? **Q28/**What is the question of all questions?

Q1/世上最重要的科学问题是什么?**Q2/**什么是你无法证实,但却笃信不疑的事?**Q3/**什么是统一自然科学、社会科学与人文文化等基础学问的“万法之法”?**Q4/**什么是科学世界的剩余部分?

Q5/在物理学越来越远离人类日常经验的同时,日常的意义是什么?**Q6/**量子不确定性和非局部性背后是否有更深刻的原理?**Q7/**时间可以被设计吗?**Q8/**什么是你最常问自己的问题?

Q9/生命是什么?**Q10/**是什么连接着身心二元的两岸?**Q11/**意志力的本质是什么?**Q12/**如果真有地外智慧生命,他们又在哪呢?

Q13/何以为人?**Q14/**何为天人之际?**Q15/**科学中你发现最美的事物是什么?**Q16/**什么是神?

Q17/在技术的变革下,“我是谁”的问题内涵会发生变化吗?**Q18/**人工智能深度学习的极限在哪?**Q19/**熵增可以被逆转吗?**Q20/**如果你是卡尔·萨根,你会在旅行者探测器的黄金唱片中收录什么信息?

Q21治国与治人之间具有怎样的相似性?**Q22/**现代社会如何应对与系统复杂性正相关的伴生风险?**Q23/**如何对抗异化?**Q24/**什么是当下危机的关键问题?

Q25/未来可以被预测吗?**Q26/**我们会找到死亡之外的另一种选择吗?**Q27/**你想对一千年后的人类说什么?**Q28/**什么是一切问题的问题?

28

Universal Questions

Q1/世上最重要的科学问题是什么?**Q2/**什么是你无法证实,但却笃信不疑的事?**Q3/**什么是统一自然科学、社会科学与人文文化等基础学问的“万法之法”?**Q4/**什么是科学世界的剩余部分?

Q5/在物理学越来越远离人类日常经验的同时,日常的意义是什么?**Q6/**量子不确定性和非局部性背后是否有更深刻的原理?**Q7/**时间可以被设计吗?**Q8/**什么是你最常问自己

Q1/What is the most important scientific question in the world?
Q2/What we believe but cannot prove? **Q3/**What is the "law of all laws" unifying the fundamental knowledges of natural science, social science and humanistic culture? **Q4/**What is the rest of the scientific world?

Q5/What is the meaning of everyday life as physics becomes more and more distant from everyday human experience? **Q6/**Is there a deeper principle behind quantum uncertainty and nonlocality? **Q7/**Can "Time" be designed? **Q8/**What is the question you always ask yourself?

Q9/What is life? **Q10/**What connects the two sides of body and mind? **Q11/**What is the nature of willpower? **Q12/**If there are extraterrestrial intelligences, where are they after all?

Q13/What defines us as human beings? **Q14/**What is the inter-relationship between the Universe and Human? **Q15/**What are the things you find most beautiful in science? **Q16/**What is God?

Q17/Will the meaning of "who am I" change as technology changes? **Q18/**Where are the limits of deep learning of AI? **Q19/**Can entropy ever be reversed? **Q20/**what information would you include on Voyager's golden record?

Q21/What are the similarities between healing country and healing people? **Q22/**How does modern society deal with the associated risks that are positively correlated with its system complexity? **Q23/**How to resist alienation? **Q24/**What are the critical issues of the current crisis?

Q25/Can the future be predicted? **Q26/**Will we find an alternative to death? **Q27/**What would you like to tell to the generation in a thousand years later? **Q28/**What is the question of all questions?

——
什么连接着身心二
本质是什么?**Q12/**
他们又在哪呢?

——
为天人之际?**Q15/**
是什么?**Q16/**什么

——
我是谁”的问题内涵
智能深度学习的极
逆转吗?**Q20/**如果
行者探测器的黄金

——
有怎样的相似性?
与系统复杂性正相
对抗异化?**Q24/**什
?

——
Q26/我们会找到
Q27/你想对一千
什么是一切问题的

主办单位 | 中国科学技术协会 + 浙江省人民政府

Sponsor : China Association for Science and Technology + The People's Government of Zhejiang Province

承办单位 | 浙江省科学技术协会 + 温州市人民政府

Organizer : Zhejiang Association for Science and Technology + Wenzhou Municipal People's Government

杭州分场 | 天问：世界观的对话

Sub-forum : Inter-World-View 2020

联合主办 | 中国美术学院+浙江省科学技术协会

Co-organizer : China Academy of Art + Zhejiang Association for Science and Technology

时间 | 2020年10月15-21日

Date: 15th - 21st October 2020

地点 | 中国杭州·中国美术学院

Location : China Academy of Art, Hangzhou China

学术主持 | 高世名

Academic Host : GAO Shiming

总体策划 | 姜珺 + 刘益红

Chief Curator : JIANG Jun + LIU Yihong

装置展演 | 谭彬 + 张斌斌 + 柳盈川

Installation & Performance: TAN Bin + ZHANG Binbin+LIU Yinchuan

空间系统 | 李诗琪

Spatial Design : LI Shiqi

视觉系统 | 偏飞设计事务所

Visual System : Deviant Fly Design Studio

声音系统 | 亓梦婕

Acoustic System : QI Mengjie

网站系统 | 胡晓琛

Website Design : HU Xiaochen

展务统筹 | 顾文佳

Forum Coordination : GU Wenjia

外联统筹 | 张婷

Forum Liaison : ZHANG Ting

内容助理 | 冯宇纯

Contents Assistant : FENG Yuchun