



2020 China Space Conference 2020

Final Program



Fuzhou · China

<http://csc2020.csaspace.org.cn>



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Organizers

Directed by

China National Space Administration
China Association for Science and Technology
People's Government of Fujian Province

Supported by

China Aerospace Science and Technology Corporation
China Aerospace Science & Industry Corporation
International Astronautical Federation
International Institute of Space Law
Asia-Pacific Space Cooperation Organization

Hosted by

Chinese Society of Astronautics
China Space Foundation

Organized by

Education Department of Fujian Province
Fujian Association for Science and Technology
People's Government of Fuzhou City
Xiamen University
Fuzhou University

Co-organized by

China Institute of Space Law
China Association of Remote Sensing Application
Chinese Society of Space Research
Beijing Institute of Technology
Secure World Foundation (only for the Sino-US Space Commercialization Perspectives Key Views for Areas of Interest and Understanding)

Introduction of Hosts

Chinese Society of Astronautics

Chinese Society of Astronautics(CSA) was founded in 1979.It is a national-level academic and non-governmental organization. CSA has 42 technical committees, 179 institutional members and more than 30,000 individual members. The aim of CSA is to promote the development, innovation and popularization of aerospace science and technology. Since its foundation, CSA has actively carried out academic and non-governmental exchanges at home and abroad. It has already established bilateral and multilateral relationships with relevant international space organizations and NGOs from many countries and regions. CSA plays an active role in the development of space science and technology and promoting the activities in the peaceful use of outer space for benefits of mankind.

CSA' s main activities include organizing national and international academic exchange events such as the 47th IAC, the 64th IAC, the 2010 GLUC, the 2017 GLEX, and the China Space Conference; conducting space policy researches and consultations for the government department, publishing Journal of Astronautics, Advances in Astronautics Science and Technology, and Space Exploration, and carrying out space science popularization events.

China Space Foundation

China Space Foundation (CSF) is a national public-raising foundation registered in Ministry of Civil Affairs and approved by the People's Bank of China and relevant government department. The competent department of CSF is China National Space Administration. Council Members of CSF include China Aerospace Science and Technology(CASC), China Aerospace Science and Industry Corporation Limited(CASIC), Chinese Academy of Sciences, China Electronics Technology Group Corporation, The Equipment Development Department of China' s Central Military Commission, Strategic Support Force of the People's Liberation Army. The purpose of China Space Foundation is to serve the Chinese space industry and benefit the public welfare. The main task of CSF is to reward personnel who have made outstanding contributions to China's space industry, to fund the training of space talents, to support space science and technology research, to establish friendly exchanges and cooperation with relevant organizations in the foreign space industry. In December 2018, the CSF was awarded the Outstanding Social Organization Award at the "Tribute to 40 years of Reform and Opening up" organized by Phoenix website.





China Space Conference at a Glance

Time	Activities	Venue
September 16		
08:00-20:00	Academicians and Experts Space Science Popularization Lectures in the Campus	Fuzhou
September 17		
08:30-18:00	Launching Ceremony of & Symposium on the Construction of Space Featured School at Fujian Province	Fuzhou
16:00-18:00	2020 China Space Conference Academicians Symposium (upon invitation)	Jeulong Hotel Fuzhou
14:00-18:00	Artificial Intelligence Empowers Space Control Development Forum	Room 107 FSICEC
17:00-18:00	The Second Editorial Committee Meeting of the Journal of Advances in Astronautics Science & Technology (upon invitation)	Jeulong Hotel Fuzhou
September 18		
10:00-17:50	Opening Ceremony and Plenary of 2020 China Space Conference	Multi-function Hall FSICEC
September 19		
09:00-18:00	The Commercial Space Forum	Room 109 FSICEC
14:00-16:30	The Sino-US Space Commercialization Perspectives Key Views for Areas of Interest and Understanding	Room 108 FSICEC
09:00-18:20	Symposium on Maintaining the Rule of Law in Outer Space in an Age of Rapid Innovation	Room 107 FSICEC
08:30-17:40	Satellite Application Forum	Room 106 FSICEC
08:30-17:00	Small Satellites and Electromagnetic Information Technology Application Forum	Room 108\110\111\112 FSICEC
09:00-16:40	Space Advanced Materials and Manufacturing Technology Forum	Room 103 FSICEC

China Space Conference at a Glance

Time	Activities	Venue
09:00-16:30	Space Energy Technology Innovation and Development Forum	Room 106 FSICEC
08:30-18:30	Space Standardization Forum	Room 102 FSICEC
09:00-11:55	Space Spirit Forum	Room 405 FSICEC
13:30-17:30	Young Professionals Event	Room 405 FSICEC
09:00-16:30	Space Science and Technology Education Forum	Room 104 FSICEC
September 20		
09:00-11:30	Young Professional Events (Continue)	Multi-function Hall FSICEC
September 18-20		
08:00-20:00	China Space Achievements Exhibition	FSICEC
08:00-20:00	Exhibition of Space Painting	FSICEC
September 21		
08:00-20:00	Academicians and Experts Space Science Popularization Lectures in the Campus	Xiamen



Day to day

September 17th
14: 00-18: 00

4.1 Artificial Intelligence Empowers Space Control Development Forum

Time	Activities	Venue
14:00-14:05	Opening Ceremony	
14:05-14:20	Opening Remarks	
14:20-14:40	Release of the Technical Roadmap of Siyuan Alliance	Beijing Institute of Control Engineering
14:40-14:50	Release of the Siyuan Fund of Siyuan Alliance	Beijing Institute of Control and Electronic Technology
14:50-15:00	Ceremony of New Members Joining Siyuan Alliance	BAO Weimin, Academician of Chinese Academy of Sciences, director of the Science and Technology Committee of China Aerospace Science and Technology Corporation and Chairman of Siyuan Alliance
15:00-15:20	Speeches for SiYuan Alliance Development	
15:20-15:45	Thinking and Practice on Intelligent Manufacturing	YANG Huayong, Academician of Chinese Academy of Engineering, Dean of School of Mechanical Engineering of Zhejiang University
15:45-16:10	Tea break & Group Photo	
16:10-16:30	Enable Launch Vehicle to Learn	MA Weihua, Academician of International Academy of Astronautics, Executive Vice President of SiYuan Alliance, and Director of Beijing Aerospace Automatic Control Institute
16:30-16:50	Research Progress of Autonomous Navigation and Guidance Control for Planetary Landing	CUI Pingyuan, Director of the Key Laboratory of "Deep Space Autonomous Navigation and Control" of the Ministry of Industry and Information Technology of PRC

2020 China Space Conference

ACADEMIC
ACTIVITIES

Time	Activities	Venue
16:50-17:10	Frontier Exploration on Flexible and Deformable Cross-Domain Intelligent Flight	LI Xiaoping, Professor of Xidian University, Dean of Academy of Space Science and Technology, Director of the Key Laboratory of Equipment Efficiency Under Extreme Environment of the Ministry of Education
17:10-18:00	Conclusion	



September 18th
10: 00-17: 50

4.2 Opening Ceremony and Plenary of 2020 China Space Conference

Time	Activities	Moderator/Speaker
10:00-10:05	2020 China Space Conference Promotional Video	
10:05-10:25	Opening Remarks	
10:25-10:35	2019 China Space Foundation Award Presentation Ceremony	
10:35-10:40	Space Painting as Gifts for the Scientists Presentation Ceremony	
10:40-10:45	Launching Ceremony of 2020 China Space Conference	
10:45-12:35	The Moderator Introduces the Agenda	YANG Baohua, Vice president of China Aerospace Science and Technology Corporation
10:45-10:55	Release of 2020 Key Scientific and Engineering Issues in the Space Field	WANG Wei, Academician of Chinese Academy of Sciences, Director of Research and Development Department of China Aerospace Science and Technology
10:55-11:15	Construction, Development, and Integration Application of BeiDou Navigation	YANG Changfeng, Chief Designer of BeiDou Navigation Satellite System
11:15-11:35	Overview of China's Mars Exploration Project: Winning the Initial Victory but still Expecting a Long Way to Go	ZHANG Rongqiao, Chief Designer of China's Mars Exploration Mission
11:35-11:55	Analysis on the Chinese Manned Lunar Exploration Plan and Development	ZHOU Yanfei, Chief Designer of China Manned Space Engineering

Time	Activities	Moderator/Speaker
11:55-12:15	Development and Reflection on Space Shuttle Transportation System	BAO Weimin, Academician of Chinese Academy of Sciences, director of the Science and Technology Committee of China Aerospace Science and Technology Cooperation
12:15-12:35	Verification Results of China's Space Gravitational Wave Detection Taiji Project and "Taiji One" Satellite Technology	WU Yueliang, Academician of Chinese Academy of Sciences, Chief scientist of "Taiji project" for space gravitational wave detection
14:00-14:05	The Moderator Introduces the Agenda	WU Zhijian, Chair of China Space Foundation
14:05-14:25	Inspiration from the Achievements and Experience of 10 Years of Construction and Application of High-Resolution Earth Observation System Key Special Project	TONG Xudong, Director and Secretary of the Party Committee of Key Project Center, State Administration of Science, Technology and Industry for National Defense
14:25-14:45	Exploration and Practice of Chang'e Lunar Exploration Program	YU Dengyun, Deputy Chief Designer of China's Lunar Exploration Program
14:45-15:05	Efficient Operation and Control of Mega Constellations	Michel Blanc, Academician of Academia Europaea, Academician of International Academy of Astronautics
15:05-15:25	The Responsibility of National Brand Enterprises	FENG Lun, Founder of Wantong Group, Chairman of Yufeng Group and Founder of HuanyuSpace
15:25-15:45	Space Transportation System for Manned Mars Exploration	WANG Xiaojun, President of China Academy of Launch Vehicle Technology
15:45-16:00	Tea Break	
16:00-16:20	Towards the Era of Aerospace- Prospect of Aerospace Vehicle Development	WANG Changqing, President of China Aerospace Science & Industry Aerodynamic Technology Academy



Time	Activities	Moderator/Speaker
16:20-16:40	Space Technology Promotes the Construction of Maritime Silk Road	XIA Gang,, Vice president of China Academy of Space Technology
16:40-17:00	Study on Space Nuclear Power Technological Options	CHEN Jie, Chief Engineer of Shanghai Academy of Spaceflight Technology
17:00-17:20	Efficient Operation and Control of Mega Constellations	DONG Guangliang, Director of Beijing Institute of Tracking and Communication Technology
17:20-17:40	Protection of the Environment of Outer Space: the Danger of Space Debris Legal Considerations	Stephan Hobe, Director of the Institute of Space Law in University of Cologne, German
17:40-17:50	Summary	WU Zhijian, President of China Space Foundation

September 19th

4.3 Commercial Space Forum

Time 08:30-17:30

Time	Activities
08:30-08:35	Opening Ceremony
08:35-08:50	Keynote from China Space Foundation
08:50-09:05	Keynote from China Aerospace Science and Technology Corporation
09:05-09:20	Keynote from China Aerospace Science & Industry Corporation
09:20-09:35	Keynote from China Great Wall Industry Corporation
09:35-09:50	Keynote from Beijing Institute of Control Engineering
09:50-10:20	Awarding Ceremony
10:20-10:35	Signing ceremony
10:35-11:35	Keynote from Commercial Space Companies 1. PICC Property Insurance Shaanxi Branch 2. Orbit Aerospace Technology Co., Ltd 3. Xinjinghe laser technology development (Beijing) Co., Ltd 4. Beijing Ling Zhong Space Technology Co., Ltd 5. Zhongke Xingtuo Co., Ltd 6. GEOVIS iFactory
13:30-13:45	Demand and innovation of commercial solid rocket
13:45-14:00	Satellite Internet: opening the era of large space
14:00-14:15	Satellite laser communication technology and its commercialization
14:15-15:00	Keynote: The Internet plus era of commercial space
15:00-17:00	Theme salon
17:00-17:30	International Forum
17:00-17:30	Keynote from Commercial Space Companies 1. Gomspace 2. Open Cosmos

4.4 The Sino-US Space Commercialization Perspectives Key Views for Areas of Interest and Understanding

Time:14:00-16:35

Time	Activities	Moderator/Speaker
14:00-14:10	Opening Ceremony <ul style="list-style-type: none"> • Greeting Remarks from Representative of Chinese Society of Astronautics • Greeting Remarks from Representative of Secure World Foundation 	
14:10-16:20	Keynote	
14:10-14:30	Link the world, achieve the dream—the development and future of China's commercial space	ZHANG Dong, Executive Vice President of CHINAROCKERT CO., LTD, General Director of the he Smart Dragon 1(SD-1) Launch Vehicle
14:30-14:50	Perspectives on US-China Commercial Engagement in Space Exploration	Jeffrey Manber, CEO of Nanoracks, chairman of the board of XO Markets, Former CEO of MirCor
14:50-15:10	Satellites-IoT(Xingyun Project) Ground Application System Constructions Exchange	PI Benjie, Assistant Engineer in Chief of Leobit Technology CO.,LTD.
15:10-15:30	Overview of STPI Report on Evaluation of China's Commercial Space Sector	Bhavya Lal, Researcher of the IDA Science and Technology Policy Institute
15:30-15:50	Private Commercial Launch Vehicle Company in China	HUO Jia, Beijing Interstellar Glory Space Technology Co., Ltd.(iSpace)
15:50-16:10	Perspectives on Cooperating Towards Responsible Space Behavior	Ken Hodgkins, President of International Space Enterprise Consultants
16:10-16:20	The Role of Communication in Bringing Space Back Down to Earth	Rob Ronci, Executive Director of Caelus Foundation
16:25-16:35	Conclusion <ul style="list-style-type: none"> • Greeting Remarks from Representative of Chinese Society of Astronautics • Greeting Remarks from Representative of Secure World Foundation 	

4.5 Symposium on Maintaining the Rule of Law in Outer Space in an Age of Rapid Innovation

Time: 09:00-18:20

Time	Activities	Moderator/Speaker
09:00-09:20	Opening Ceremony	
09:20-12:10	Keynote	
09:20-09:40	China's Remote Sensing Data Policy	TONG Xudong, Earth Observation and Data Center of CNSA
09:40-10:00	Characteristics of the Japanese Space Legislation	Aoki Setsuko, Professor of Keio University Law School, Vice President of International Space Law
10:00-10:20	Legal Research on China's Deep Space Exploration	HU Zhaobin, Lunar Exploration and Space Engineering Center of CNSA
10:20-10:40	Disruption and Innovation: Technological Change and the Rule of Law in the Space Domain	P.J. Blount, University of Luxembourg Research Fellow
10:40-10:50	Tea Break	
10:50-11:10	Space Traffic Management Promotes Long-term Sustainability of Space Activities	WANG Jilian, China Academy of Space Technology
11:10-11:30	Innovation of Legal Concept of Global Governance in Outer Space in Post Epidemic Era	LI Shouping, Beijing Institute of Technology
11:30-11:50	Construction of the Rule of Law in Beidou System	YANG Junlin, Executive Director of Beidou Policy and Regulation Research Center of Beihang University
11:50-12:10	Technology, Sustainability and Humanity: Future Challenges for the Regulation of Space Activities	Steven Freeland, Director of the International Institute of Space Law at Western Sydney University
12:10-13:30	Lunch	



Time	Activities
Technical Sessions	
13:30-15:00	Technical Session 1 Space governance and national space legislation practice
15:00-16:30	Technical Session 2 Challenges to the long-term sustainability of outer space activities
16:30-16:40	Tea Break
16:40-17:50	Technical Session 3 Legal issues related to new space activities
17:50-18:00	Award of Excellent Papers
18:00-18:20	Summary



4.6 Satellite Application Forum

Time: 08:30-17:40

Time	Activities	Moderator/Speaker
08:30-09:00	Registration	
09:00-09:05	Guest Introduction	
09:05-09:30	Thoughts and Cognitions on Developing Spatial Information Financial Technology	WEI Zheng, China Association of Remote Sensing Application
09:30-09:55	Satellite Meteorology and Ecological Environment Application Progress	TANG Shihao, National Satellite Meteorological Center
09:55-10:20	5G Application Scenarios and Challenges of LEO Satellite Networks	CHEN Dong, China Academy of Space Technology
10:20-10:30	Tea Break	
10:30-10:55	Application and Prospect of BDS in the Industrial Internet	MENG Bin, Space Star Aerospace Technology Applications
10:55-11:20	New Users, New Needs, New Insights: Application Practices and Prospect of Remote Sensing in Media Industry	CHENG Ying, Xinhua News Agency
11:20-11:45	Application and Prospect of BDS in Transportation Industry	LU Hongyang, China Transport Telecommunications & Information Center
12:00-13:00	Lunch	
14:00-14:25	Satellite Communication Application on UAV	ZHANG Pingli, Fujian Electronic Information Application Technology Institute
14:25-14:50	Application Situation and Development of Medium-High Orbit Optical Remote Sensing Satellite Application	YANG Dong, China Academy of Space Technology



Time	Activities	Moderator/Speaker
14:50-15:00	Tea Break	
15:00-15:25	HTS Facilitates Industry Information Upgrading	ZHOU Shan, China Satellite Communications Co., Ltd
15:25-15:50	LEO Internet Constellation and Commercial Space Development	ZHOU Yiming, Beijing Institute of Space Science and Technology Information
16:10-16:35	Service and Application of Remote Sensing Satellites in the Era of Big Data	FU Qiaoyan, China Siwei Surveying and Mapping Technology Co., Ltd.
16:35-17:00	Build the First-Class Journal, Serving Space Technology Innovation and Satellite Application Development	LIU Hao, Beijing Institute of Space Science and Technology Information
17:00-17:40	Panel Discussion	



4.7 Small Satellites and Electromagnetic Information Technology Application Forum

Time: 08:40-17:00

Time	Activities	Moderator/Speaker
08:40-08:45	Promotional Video and Guests Introduction	ZHANG Lihua, Researcher Fellow and Member of Advanced Small Satellite Technology Application Committee of Chinese Society of Astronautics
08:45-09:10	Progress and Application Prospect of GNSS-R Small Satellite Ground System "Bufeng-1"	LU feng, Chief Engineer of the National Satellite Meteorological Center
09:10-09:35	Typical Application of Marine Satellite in Natural Disaster and Ecological Environment Monitoring	LIU Jianqiang, Deputy Director National satellite Marine Application Center
09:35-10:00	Development and Prospect of Marine Color Satellite	WANG Lili, Chief Enigeer of Aerospace Dongfanghong Satellite Co., Ltd.
09:55-10:20	Development and Key Technologies of New Infrastructure-LEO Satellite Internet System	WU Shufan, Executive Vice President, School of Aeronautics and Astronautics, Shanghai Jiaotong University
10:20-10:45	Tea Break & Group Photo	
10:45-11:10	Practice and Exploration of Space Science Satellite	CHEN Wen, Deputy Director, Scientific Satellites Division, Innovation Academy for Microsatellites of CAS
11:10-11:35	Thoughts on the Development of Space Electromagnetic Sensing Technology	LIAO Wenhe, Vice President of Nanjing University of Science & Technology
11:35-12:00	Thoughts on the Development of Space Electromagnetic Sensing Technology	TIAN Da, Academic Leader of Signal and Information Processing in the Field of Electronic Countermeasures in 8511 Research Institute of the China Aerospace Science and Industry Corporation



Time	Activities	Moderator/Speaker
12:00-13:30	Lunch	
14:00-17:00	Technical Discussion	



4.8 Space Advanced Materials and Manufacturing Technology Forum

Time: 09:00-16:40

Time	Activities	Moderator/Speaker
09:00-09:30	Development and prospect of structural materials and manufacturing process for space launch vehicle	LIU Guanri, Research Fellow, Beijing Institute of Aerospace System Engineering
09:30-10:00	Progress and Prospect of domestic carbon fiber	LV Chunxiang, Research Fellow, Institute of Coal Chemistry, Chinese Academy of Science
10:00-10:15	Tea Break	
10:15-10:45	Intelligent High-power Laser Welding Technology	CHENG Yanbin, Director of Welding Automatic Technology Innovation Center of National Defense Science and Technology, Harbin Institute of Technology
10:45-11:15	Exploration and Practice of Spacecrafts Smart Manufacturing	LIU Jinshan, Research Fellow, Beijing Spacecrafts Manufacturing Factory
12:00-13:30	Lunch	
14:00-16:40	Technical Discussion	



4.9 Space Energy Technology Innovation and Development Forum

Time: 09:00-16:30

Time	Activities	Moderator/Speaker
09:00-09:10	Opening Ceremony	ZHU Lihong Tianjin Institute of Power Sources Director/ Chairman of Special Committee
09:10-09:40	Development of Wireless Energy Transmission Technology	LIU Xingjiang Tianjin Institute of Power Sources Chief Scientist of Group Company
09:40-10:10	Innovative Technology and Digital Twins for Space Power Sources	XIE Jingying, Shanghai Institute of Space Power-Sources CTO
10:10-10:40	Technology and Application of Lithium Primary Battery for High-performance Space	SHI Bin, Guizhou Meiling Power Co., Ltd. Director of Science and Technology Committee
10:40-11:10	Spacecraft Energy Development and Prospect	CHEN Qi, China Academy of Space Technology Deputy Director of General Design Department
11:10-11:40	Development and Trend of Spaceborne Power Technology	XING Jie, China Academy of Space Technology Deputy Technical Manager of Type Technology, Communication and Navigation Satellite General Department
11:40-12:10	Technology Development of Space Efficient Solar Battery	SUN Qiang, Tianjin Institute of Power Sources Chief Expert of Group Company
12:10-13:30	Lunch	
14:00-14:30	How to Improve the Production Efficiency of Micro-nano Satellites	CHEN Hongyu, Institute of Microsatellite Innovation, Chinese Academy of Sciences Dean Assistant
14:30-15:00	Test and Verification of Aerospace Power Products	WU Rong, Lanzhou Institute of Space Physics Researcher

Time	Activities	Moderator/Speaker
15:00-15:30	Characteristics and Development Enlightenment of Nuclear Power Supply Adapted to Space Environment	LI Zhenghong, Institute of Nuclear Physics and Chemistry, China Academy of Engineering Physics
15:30-16:00	A Global MPPT Optimization Algorithm for Commercial Aerospace	XU Yiyuan, Shanghai Institute of Space Power-Sources
16:00-16:30	Research Progress of CubeSat Solar Array	LAN Zhicheng, Tianjin Institute of Power Sources





4.10 Space Standardization Forum

Time: 08:30-18:30

Time	Activities	Moderator/Speaker
08:30-08:40	Opening Ceremony	
08:40-09:00	National Standard of Product Maturity	WANG Weidong, Vice Director, Department of Technology & Quality, CASC
09:00-09:15	MBSE technology research and practice	CHEN Jianwei, Professor, Beijing Institute of Aerospace Systems Engineering
09:15-09:30	Data and event standards drive the exploration of smart city construction	MA Xiangbin, chief scientist, Shenzhen Aerospace Smart City Systems Technology Co., Ltd
09:30-09:45	International Standard for Space Vibration Test	XIANG Shuhong, Director of Science and Technology Committee, National Space Administration satellite assembly integration and test center
09:30-09:45	Progress of Aerospace Group Standardization	Secretariat of Standardization Committee of Chinese Society of Astronautics
10:00-10:30	Tea Break	
10:30-10:45	Practice of Delicacy Management of Aerospace Standard Project	QU Yi, Department of Archives Standardization, SISP
10:45-11:00	Application of Metal Additive Manufacturing Technology in Aerospace	CHEN Jincun, Deputy General Manager, Capital Aerospace Machinery Corporation
11:00-11:15	MBD Tolerance Design International Standard Analysis and Aerospace Product Application Prospects	LIANG Xinguang, Vice Director, Department of Science and Technology Development, Shanghai Aerospace Equipment Manufacturer Co., Ltd
11:15-11:30	Deepen Standards Application And Promoting The "High Quality, High Efficiency, High Benefit" Development Of The Payload	TIAN Dongxuan, China Academy Of Space Technology(Xi' an)

Time	Activities	Moderator/Speaker
11:30-12:00	Q&A,Discussion	ZHOU Yuxia, Moderator of Forum
12:00-14:00	Lunch and Break	
14:00-14:15	The practice of Product Assurance For a Certain Equipment Satellite Control Subsystem	XU Jingyu, Senior Engineer, Beijing Institute of Control Engineering
14:15-14:30	Analysis of the Status And Standards Of International Search And Rescue Satellite Systems	Er Zhidong, General manager, Zhongxing Guoheng (Beijing) Technology Co., Ltd
14:30-14:45	Introduction to the Management Platform Of Aerospace Group Standardization	WU Yongliang, Director, CASI
14:45-15:00	Overview and Application of ECSS Application Standards	LV Qingliang, National Space Science Center, CAS
15:00-15:15	Sample For Journal Of Astronautics Paper Numerical Simulation Of Atomic Oxygen Undercutting Of Deorbit Sail Using Monte Carlo Method	FU Yu, Shanghai Institute of Aerospace Systems Engineering
15:15-15:30	Innovation-oriented Big Data Knowledge Management Helps The Development Of Aerospace Wisdom	LI Pei, General Manager of High-end equipment manufacturing Department, Tongfang Knowledge Network Digital Publishing Technology Co., Ltd.
15:30-16:00	Q&A	ZHOU Yuxia, Moderator of Forum
16:00	End	
16:30-18:30	Space Data and Information Transmission Standardization Closed-door Seminar (Member of SAC/TC425/SC3,Invited experts)	



4.11 Young Professional Event

Time: September 19th, 13:00-17:30

Time	Activities	Moderator/Speaker
13:00-13:30	Registration	
13:30-13:40	Opening Remarks and Guest Introduction	SUN Daqiang, Secretary of the Youth League Committee
13:40-13:50	Guests' Oration	
13:50-14:30	Expert-Keynote: Prospects of the Research on Spacecraft and Mechanism Technology	SONG Zhengyu, Researcher of China Academy of Launch Vehicle Technology
14:30-14:45	Research on Dynamics Of Connecting And Separating Mechanism Driven By Cold Air	ZHAO Zhen, Associate Professor, Beihang University
14:45-15:00	Research on Landing Support Mechanism Of VTOL Vehicle	YU Haitao, Associate Professor, Harbin Institute of Technology
15:00-15:15	Research on Unfolding Mechanism Based On Shape Memory Polymer Composites	LIU Liwu, Professor, Harbin Institute of Technology
15:15-15:30	Separation Prediction And Reliability Evaluation Of Launch Vehicle Fairing	HAO Peng, Professor, Dalian University of Technology,
15:30-15:45	Research On Data Driven Dynamics And Control Of Aircraft Rudder System	HUANG Rui, Associate researcher, Nanjing University of Aeronautics and Astronautics
15:45-17:00	Penal Discussion — How Aerospace Vehicle Mechanism Technology Promoting Industry Development, Participated By Experts And Young Scientists	
17:00-17:30	Exchange&Group Photo	

Time: September 20th, 08:30-11:30

Time	Activities	Moderator/Speaker
08:30-09:00	Registration	
09:00-09:15	Opening Remarks	SUN Daqiang, Secretary of the Youth League Committee
09:15-09:30	The Inaugural Ceremony Of The Young Scientist Club Of Chinese Society of Astronautics	
09:30-09:45	Go Your Own Way	LI Hongbo, Researcher, China Aerospace Science and Technology Corporation (CASC)
09:45-10:00	What Challenges Will Tianwen-1 Face When It Lands On Mars?	WANG Chuang, Chief designer, China Academy of Space Technology
10:00-10:15	Beidou, let us sail through the winds and waves with more direction	FENG Wenjing, Chief designer, China Academy of Space Technology
10:15-10:30	Give You a Fulcrum To Pry The Future	QU Yaobin, Deputy chief engineer, Shanghai Academy of Space Technology
10:30-10:45	Cast a sword with my youth	XU Jing, China Academy of Defense Technology, Beijing Institute of electronic engineering,, Deputy chief designe
10:45-11:00	Youth, Diligence, Dream	PENG Wei, Chief designer China Aerospace Science and Technology Carrier Technology Academy
11:00-11:15	Space Technology In Daily Life	BAI Fan, Founder of Space Plan C, Founder and CEO of Beijing Huasheng Zhihai Culture Communication Co., Ltd
11:15-11:30	Group Photo	



Welcome to Fuzhou

Fuzhou · China





Foster Space Spirit
Explore Starry Universe



WeChat Official Account