

The 21st Annual Meeting of the China Association for Science and Technology

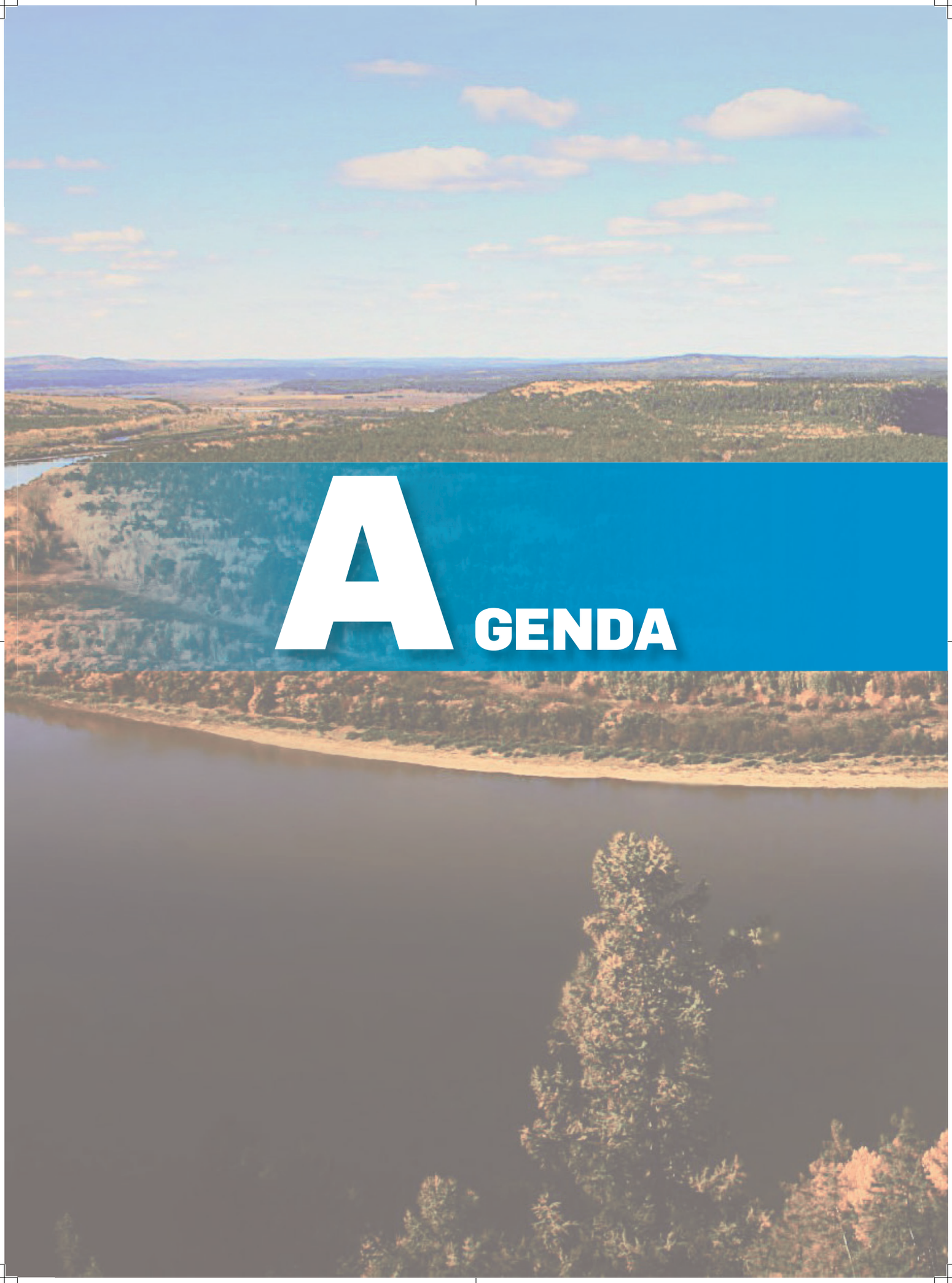
The 21st Annual Meeting of the China Association for Science and Technology (CAST) will take place at the International Conference Center, Harbin, China on June 29-30, 2019.

It is a high-profile scientific event aiming to deliver a series of high-level international activities for the science community, government authorities, and industry to access and share information, exchange ideas and insights, develop closer ties, and promote international exchanges.

This event will consist of 35 exciting sessions, including the Forum on Development and Governance of Science and Technology Associations, the 2nd Forum for World STM Journals, Forum on Machinery Manufacturing and Intelligent Manufacturing Technologies, and more.

Harbin, the capital city of Heilongjiang Province and one of the largest cities in northeast China, is notable for its unique combination of Chinese and European architectural styles. Its special historical heritage and geographical location have created an exotic, beautiful city. It has brought together the history and culture of northern ethnic minorities, and has integrated cultures of east and west.

For more information, please visit http://english.cast.org.cn/col/col1254/index.html.



AGENDA

Program

No.1 Opening Ceremony

Time: June 29

Venue: Harbin International Conference Centre (Huaqi Auditorium)

No.2 Closing Ceremony

Time: June 30

Venue: Harbin International Conference Centre (Huaqi Auditorium)

No.3 Forum on the Development and Governance for Science and Technology Societies

Time: June 27–28

Venue: International Conference Center, Victories Hotel

No.4 China Science and Technology Summit -- Forum for World STM Journals

Time: June 29–30

Venue: Sheraton Harbin Xiangfang Hotel

No.5 China Science and Technology Summit -- China Forum for Science and Technology Think Tanks (STTT)

Time: June 28

Venue: Harbin Friendship Palace Hotel

No.6 Meeting between Party and Government Leaders of Heilongjiang Province and CAS/CAE Members and Experts

Time: June 30

Venue: International Conference Center, Victories Hotel

No.7 High-level Think-Tank Consulting Services on Thamatic Investigation of Longjiang

Time: June 30

Venue: International Conference Center, Victories Hotel

No.8 High-level Dialogue between Chinese and Japanese Scientists

Time: June 28

Venue: Victories Hotel

No.9 Forum on Coordinated Regional Development

Time: June 27-28

Venue: Sheraton Harbin Xiangfang Hotel

No.10 Summit Forum on the Deep Integration of Technology and Economy and the Promotion of Northeastern Region Revitalization Projects

Time: June 30

Venue: Sheraton Harbin Xiangfang Hotel

No.11 Directors' Forum on Digital Economy (Longjiang)

Time: June 29-30

Venue: Harbin University of Commerce

No.12 Trendsetters Forum -- Forum for Chinese Innovation and Entrepreneurship Pioneers

Time: June 28

Venue: Victories Hotel

No.13 Entrepreneurs' Summit Forum on Science, Technology and Innovation

Time: June 28 – 30

Venue: Victories Hotel, Harbin Engineering University

No.14 Forum on Information Technology

Time: June 29–30

Venue: Victories Hotel, Harbin Engineering University

No.15 Forum on the Development of Equipment Manufacturing and Intelligent Manufacturing Technologies

Time: June 30–July 1

Venue: Wanda Realm Qiqihar

No.16 Forum on the Development of Green Agricultural Technologies in the New Era

Time: June 27–28

Venue: Dongda Fucheng Business Hotel

No.17 Forum on High-Tech Collaborative Innovation and Development

Time: June 29–30

Venue: Sun Island Garden Hotel

No.18 International Forum on New Material Technologies

Time: June 28

Venue: Victories Hotel

No.19 Forum on the Development of Technologies for Petroleum and Petrochemical Industries

Time: June 30

Venue: Daqing Normal University

No.20 International Summit Forum on the Status Quo and Prospects of Intelligent Manufacturing

Time: June 29–30

Venue: Harbin Institute of Technology

No.21 Summit Forum on the Innovations and Prospects of Energy Industry and the Exhibition of Scientific and Technological Innovations and Achievements in the Energy Industry

Time: June 29

Venue: International Conference Center, Victories Hotel

No.22 Meeting between CAST President and College Students in Heilongjiang Province

Time: June 29

Venue: Northeast Forestry University

No.23 Forum for Young Scientists and Engineers

Time: June 29

Venue: Harbin Institute of Technology

No.24 Mainland China, Taiwan, Hong Kong and Macao Youth Forum on Green Development

Time: June 29–30

Venue: Hampton Hotel by Hilton

Heilongjiang University

No.25 The First International Green Dot Contest

Time: June 30

Venue: Harbin International Conference Centre (Huaqi Auditorium)

No.26 China (Harbin) Innovation and Entrepreneurship Competition for Overseas Talents

Time: June 29–30

Venue: Harbin Opera House

Harbin International Conference Centre (Huaqi Auditorium)

No.27 Sino-Russian Event on the Joint Production and Sharing of Popular Science Resources

Time: June 29–30

Venue: Heihe City, Heilongjiang Province

Amur, Russia

No.28 Exchange Event on Building an Integrated Platform for Scientific Literacy Promotion

Time: June 29–30

Venue: Harbin City

No.29 Popular Science Lectures Given by Prominent Scientists and Experts

Time: June 29–30

Venue: Harbin City and the other cities and areas

No.30 Science Popularization Carnival for Teenagers

Time: June 29–30

Venue: Harbin City and the other cities and areas

No.31 Cooperation and Exchange Summit of China Rural Special Technology Association (Heilongjiang)

Time: June 28

Venue: Heilongjiang Broadcasting Station

No.32 The 10th standing Committee of the 9th CAST

Time: June 28

Venue: Victories Hotel

No.33 The Signing Ceremony of Provincial capital cooperation agreement

Time: June 30

Venue: Victories Hotel

No.34 Secretary of the Leading Party Members' Group Symposium of Local Association for Science and Technology

Time: June 29

Venue: Victories Hotel

No.35 Science and technology Volunteer Service Activities of Heilongjiang University of Chinese Medicine and Science Popularization Observation and Demonstration Event at the No.703 Research Institute of China Shipbuilding Industry Corporation (CSIC)

Time: June 29

Venue: Heilongjiang University of Chinese Medicine

No.703 Research Institute of China Shipbuilding Industry Corporation

Contact us:

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OPENING CEREMONY

Host of Opening Ceremony



HUAI Jinpeng

Academician of the Chinese Academy of Sciences

Secretary of the Leading Party Members' Group, Executive Vice President, Chief Executive, Secretary of CAST

Agenda

Time		Venue	Agenda
June 29	9:00–9:35	Harbin International Conference Centre (Huaqi Auditorium)	Promo video of CAST Annual Meeting
			Opening remarks by WAN Gang, Vice Chairman of the 12th National Committee of the CPPCC, President of the 9th National Committee of the CAST
			Welcome speech by ZHANG Qingwei, Secretary of Heilongjiang Provincial Committee of CPC, Chairman of the Standing Committee of Heilongjiang People' s Congress
	9:35–11:05		Keynote speeches
	11:05–11:50		High-Level Dialogue: 5G and the Future

Host of Keynote Speakers



YUAN Yaxiang

Academician of the Chinese Academy of Sciences
Member of CPPCC Standing Committee
Vice President of CAST

Keynote Speeches

Reports	Keynote Speakers
Leverage the Advantages of Science and Education to Revitalize through the In-depth Integration	WANG Wentao
The Future of Science, Technology and Innovation	Ryoji NOYORI
Science and Technology Innovation from the Study of high-temperature superconductivity	XUE Qikun

Keynote Speakers



WANG Wentao

Vice secretary of Heilongjiang Provincial Committee of CPC

Governor of Heilongjiang Province



Ryoji NOYORI

Winner of 2001 Nobel Prize in Chemistry

Foreign Academician of the Chinese Academy of Sciences

Professor of Nagoya University

Director-General of the CRDS of JST



XUE Qikun

Academician of the Chinese Academy of Sciences

Vice President of Tsinghua University



Host of High-Level Dialogue

James Ding

Managing Director, GSR Ventures

Guests



WU Hequan

Academician of Chinese Academy of Engineering

Specialist in Optical Fiber Transport Network and Broadband Information Network



DENG Zhonghan

Academician of Chinese Academy of Engineering

Co-founder of Vimicro Corporation



CHEN Hong

Founder, Chairman and CEO,

The Hina Group

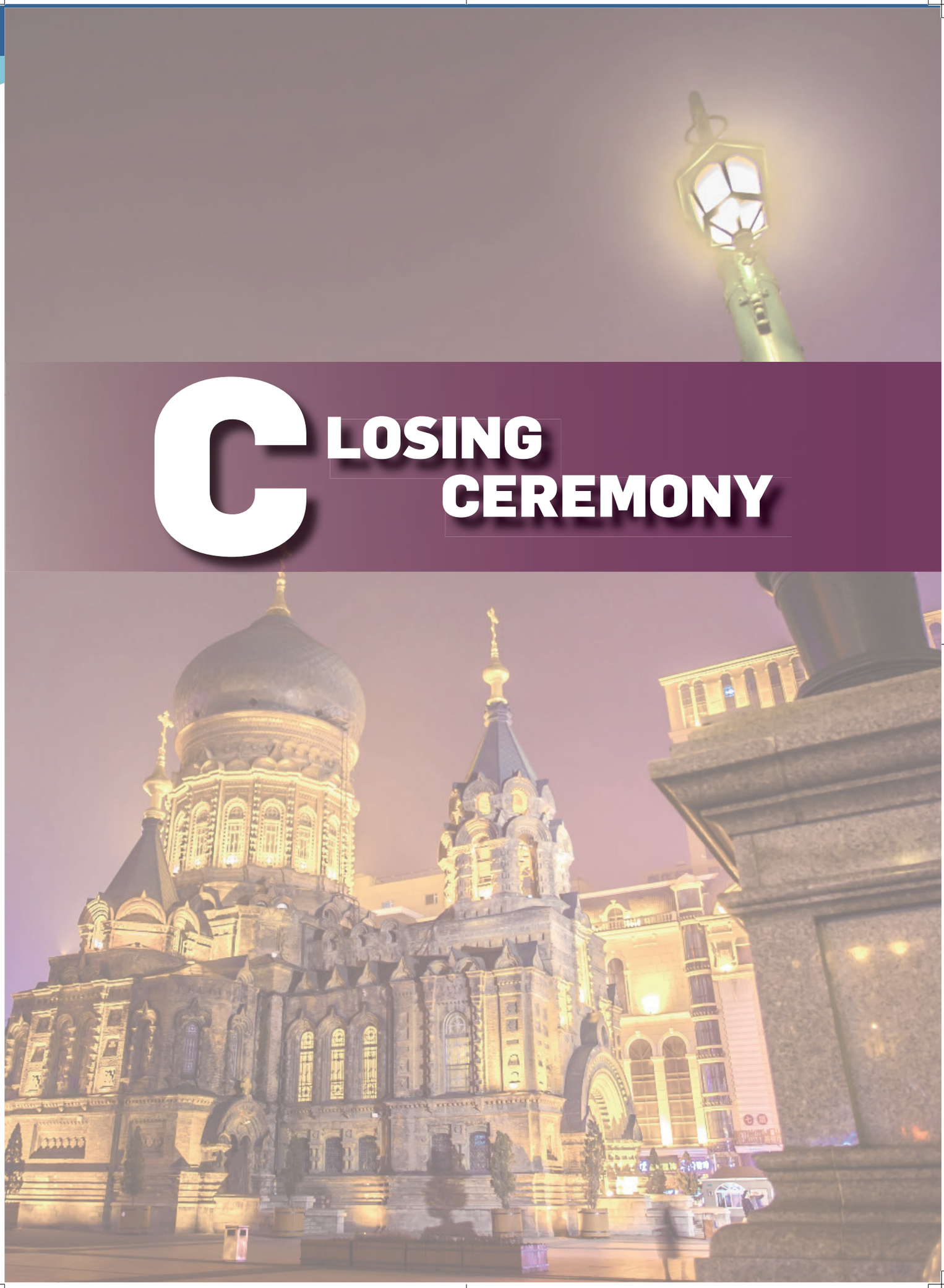


LI Ying

Counselor, Department of Information Technology Application and Software Service

Ministry of Industry and Information Technology

Member of State E-government Affairs Expert



CLOSING CEREMONY



Host of Closing Ceremony



XU Yanhao

Deputy Secretary of the Leading Party Members' Group,

Vice President and Executive Secretary of CAST

Agenda

Time		Venue	Agenda
June 30	14:00-16:00	Harbin International Conference Centre (Huaqi Auditorium)	Summary video of the 21st Annual Meeting of CAST
			Releasing the major scientific issues and engineering and technical problems
			Keynote speeches
			Presenting the awards of China (Harbin) Overseas Talent Innovation and Entrepreneurship Competition
			Presenting the awards of the 1st International Green Dot Competition
			Promotional film of the host venue for the 22nd Annual Meeting of CAST
			Hand-over ceremony of CAST Annual Meeting Flag
			Welcome speech for the 22nd Annual Meeting of CAST by the leader of the host province
			Closing remarks by HUAI Jinpeng, Secretary of the Leading Party Members' Group Executive Vice President, Chief Executive Secretary of CAST

Keynote Speakers



XIANG Qiao

Academician of the Chinese Academy of Engineering

General Manager Assistant and Deputy Director of The Science and Technology Commission of AECC

Vice Chief Designer of The National Key Projects



GUO Wei

Chairman of the Board, Digital China Holdings Limited



XIAO Lingyun

Assistant Researcher at Peking University

Keynote Speeches

Reports	Keynote Speakers
Some Views on Innovation and Development of Aero-engine	Xiang Qiao
Digital Technology and Independent Innovation	Guo Wei
Based on Science, Explore the Harmonious Symbiosis between Man and Nature in Sanjiangyuan Region	Xiao Lingyun

FRONTIERS



1

Forum on the Development and Governance for Science and Technology Societies

Focusing on missions and challenges of Science and Technology Societies in the era of profound changes, the forum is aimed at discussing the development laws of world-class Science and Technology Societies, pointing a way for their development, specifying their bounden duties and missions, as well as contributing to resource sharing, and exchanges and cooperation between Science and Technology Societies around the world.

Time:

June 27 – 28

Venue:

International Conference Center, Victories Hotel

Organizer :

Department of Academic and Societies Affairs of CAST
China Centre for International Science and Technology Exchange
Heilongjiang Association for Science and Technology

Co-Organizer:

Chinese Chemical Society, The Geographical Society of China, Chinese Mechanical Engineering Society, Chinese Society for Electrical Engineering, China Instrument and Control Society, China Institute of Navigation, China Highway and Transportation Society, Chinese Society of Aeronautics and Astronautics, Chinese Society for Composite Materials, China Association of Agricultural Science Societies, Chinese Stomatological Association, Heilongjiang Nuclear Society, Beijing Exchange Center of Science and Technology

Agenda

Date	Time	Topic	Speaker	Unit and position
June 27	14:00-14:05	Introduction of Guests		
	14:05-14:15	Congratulatory Speech	Song Jun	Member of CAST Leading Party Members' Group Executive Secretary of CAST Secretariat
	14:15-14:40	Necessary Conditions on Development of World-Class Science and Technology Societies- Professionalization of Community Management	Arlene A. Pietranton	Chinese Pharmaceutical Association
	14:40-15:05	Compliance Management on World-Class Science and Technology Societies	Long Weiqiu	Dean of Law School of Beihang University
	15:05-15:30	Association of American Geographers: How to serve the society and environment in the 21st century?	Sheryl Luzzad-der-Beach	President of Association of American Geographers
	15:45-16:10	Way for Chinese Science and Technology Societies to World-class Science and Technology Societies	Sun Xianze	Chairman of Chinese Pharmaceutical Association
	16:10-16:35	Supporting the Remarkable Development of Chemical Sciences: Job Summary of Royal Society of Chemistry	Robert Parker	CEO of Royal Society of Chemistry
	16:35-17:00	Evaluation and Research on World-Class Science and Technology Societies	Meng Fanrong	Executive Director of Performance Management Research Center of Xi'an Jiaotong University
June 28	8:30-11:30	Closed-door Seminar (Meeting Room 410/412, International Conference Center, Victories Hotel)		
	8:30-12:00	National Societies' Socialized Public Service Product Promotion (Meeting Room 501, International Conference Center, Victories Hotel)		
	14:00-16:30	Sub Forum: Internal Governance of Science and Technology Societies, Member Working of Science and Technology Societies, Social Services and Responsibilities of Science and Technology Societies (Meeting Room 408, 410, 412, International Conference Center, Victories Hotel)		

2

China Science and Technology Summit--Forum for World STM Journals

Focusing on the content development and publishing operations of world-class STM journals, this forum will, through presentations and thematic sessions, discuss how to improve the academic influence, service capacity and publishing operations of STM journals and propose feasible solutions.

Time:

June 29 – 30

Venue:

Sheraton Harbin Xiangfang Hotel

Organizer :

Department of Academic and Societies Affairs of CAST
China Center for International Science and Technology Exchange
Services Center for Societies of CAST
Heilongjiang Association for Science and Technology

Agenda

Date	Time	Topic	Speaker	Unit and Position
June 29 Afternoon Opening Ceremony and Speech of the Forum	14:30-14:35	Welcome speech		
	14:35-15:00	Keynote speech: A new Era of Revolution and Reestablishment of Sci-tech Journals	Huai Jinpeng	Academician of China Academy of Sciences, Executive Vice President and Chief Executive Secretary of CAST
	15:00-15:30	Thematic presentation 1: Future of Academic Publishing	ChiYoungsuk	Board Chairman of Elsevier
	15:30-16:00	Thematic presentation 2: Stick to the beginner mind of Academic Publishing in a Changing Market	Magdalena Skipper	Editor-in-Chief of NATURE
	16:00-16:30	Thematic presentation 3: Set up a Top Platform for Academic Exchange with High Standard	Monica Marie Bradford	Executive Editor of SCIENCE
	16:30-17:00	Thematic presentation 4: The Journals Publishing Taking Root in Scientific Community: Vary from the Need of Academic Exchange Closely	Hulya Kirkici	Vice President of IEEE and the Chair of the Publication Services and Products Board
	17:00-17:30	Inheritance and Innovation: Makes Promoting the Medical Technology Advances as the Mission	Jiang Yongmao	Director of Journal Management Department of Chinese Medical Association

Date	Time	Topic	Speaker	Unit and Position
June 30 Thematic Dialogue	9:00–12:00	How Can Journals Effectively Serve Authors and Readers?	Huang Luqi	Academician of China Academy of Engineering, Dean of China Academy of Chinese Medical Sciences
			David Allen	Fellow of National Academy of Engineering, Editor-in-Chief of ACS Sustainable Chemistry and Engineering
			Samir El-Ghazaly	Professor at Department of electrical engineering of University of Arkansas
			Zheng Suping	Deputy Secretary-General of Chinese Chemical Society
		Prevention and Handling of Academic Misconducts	Luo Renquan	Distinguished Professor of Taiwan University, Editor-in-Chief of IEEE Transaction on Industrial Informatics
			Jose Oliveira	Vice President of Wiley Corporation
			Sarah Tegen	Vice President of ACS
	14:00–17:00	The Development of Open Science and Its Impact on Academic Publishing	Dai Guoqiang	Director of Institute of Scientific and Technical Information of China
			James Milne	Senior Vice President and Publishing Director of ACS
			Li Xian	Publishing Director of Journal in Greater China of Springer Nature
			Zhao Genan	General Manager of Science and technology department in Greater China of Elsevier
		Media Convergence-The Way Forward for STM Journals	Zhou Hong	Senior Product Director and Global Head of Artificial Intelligence Research and Development Center of ATYPON
			Zhang Xiumei	Vice President of Wanfang Data
			Liu Bing	Deputy Director of National Medical Journal of China

3

China Science and Technology Summit -- China Forum for Science and Technology Think Tanks (STTT)

The 2nd China Forum for Science and Technology Think Tanks (STTT) is aimed at building a high-tech think tank collaborative service platform and gathering the strengths of top-notch domestic science and technology think tanks. Focusing on the development problems and challenges facing the new era, experts and scholars will be invited to discuss major topics on the national science and technology development strategy, efficiency of the national innovation system, construction of the regional innovation system, technology transfer and technology transaction. Showcasing the research results of think tanks, this grand event will serve the reform and opening-up in the new ear as well as the building of a community of shared future for mankind.

Time:

June 28

Venue:

Harbin Friendship Palace Hotel

Organizer :

National Academy of Innovation Strategy

Co-Organizers:

Chinese Association for Science of Science S&T Policy
Heilongjiang Association for Science and Technology

4/5

Meeting between Party and Government Leaders of Heilongjiang Province and CAS/CAE Members and Experts

High-level Think-Tank Consulting Services on Thamatic Investigation of Longjiang

CAST, CPC Heilongjiang Provincial Committee and Heilongjiang Provincial Government will jointly choose 10 topics focusing on the major concerns of the local government. Experts and scholars from prominent science and technology think tanks and related societies will be invited to carry out in-depth research so that the problems associated with local scientific development can be thoroughly analyzed and valuable advice can be proposed then. The research findings will be discussed between the party and government leaders of Heilongjiang Province and the CAS/CAE members and experts, whilst CAST Department of Research and Publicity will forward outstanding research to the CPC Central Committee and the State Council for review.

Time:

June 30

Venue:

International Conference Center, Victories Hotel

Organizer :

Department of Research and Publicity, CAST
Heilongjiang Association for Science and Technology

Co-Organizers:

Service Center for Societies of CAST
Center for Professional Training and Service, CAST

6

High-level Dialogue between Chinese and Japanese Scientists

In a bid to deepen the exchanges and cooperation between Chinese and Japanese scientists, China Association for Science and Technology (CAST) and the Japan Science and Technology Agency (JST) will jointly hold a high-level dialogue between Chinese and Japanese scientists amid the 21st CAST Annual Meeting under the theme of "How to Promote Meaningful Research and Development". We will invite Ryoji NOYORI, Nobel Laureate in Chemistry 2001, and TIAN He, Member of the Chinese Academy of Sciences (CAS), to serve as the academic convener of China and Japan respectively. Scientists from China and Japan will deliver speeches and share insights on how applied research could help address economic and social challenges. The dialogue aims to enhance the mutual understanding between Chinese and Japanese scientists and promote the future China-Japan cooperation on scientific research.

Time:

June 28

Venue:

Victories Hotel

Organizer :

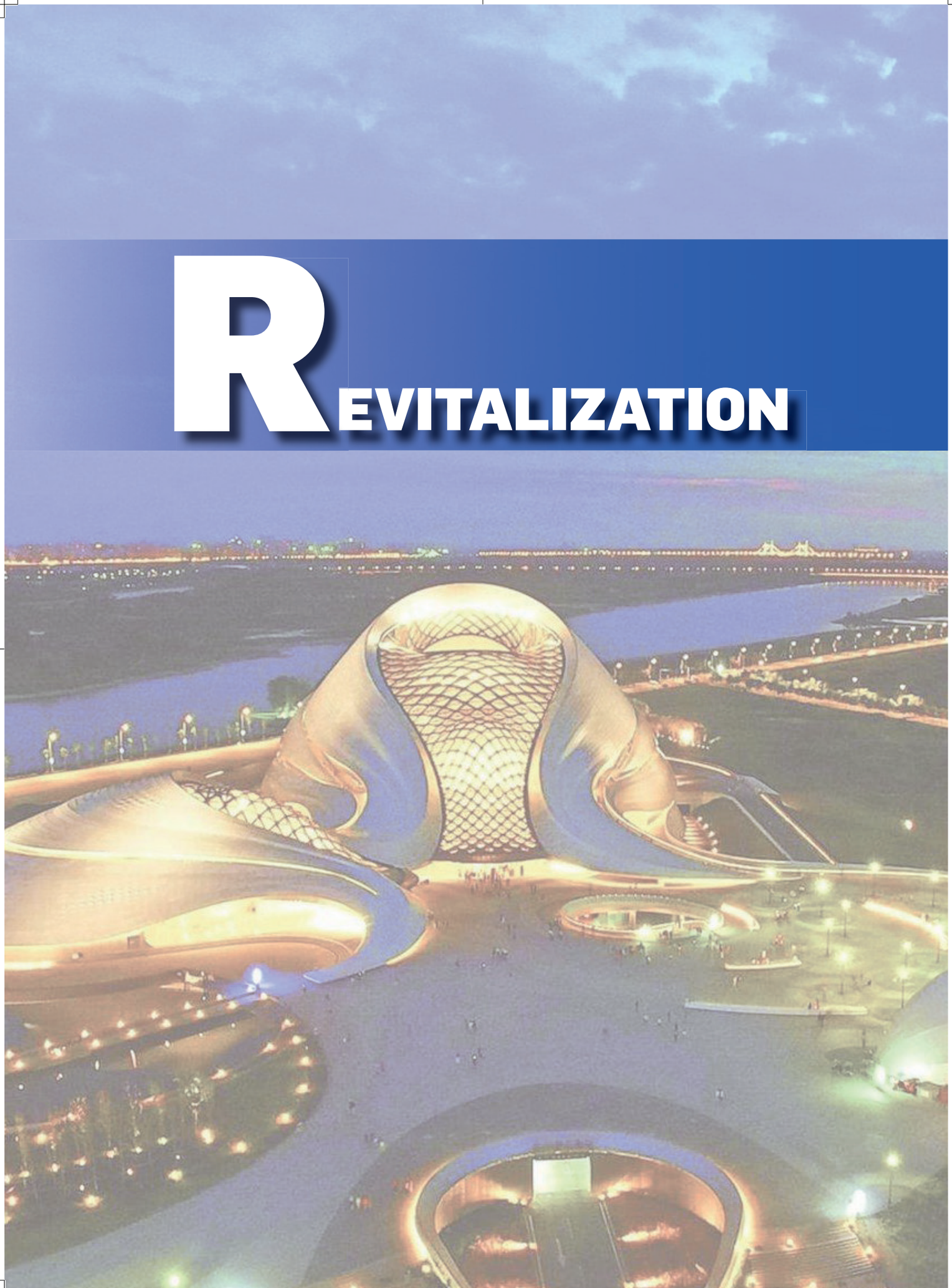
Department of International Affairs, CAST
Japan Science and Technology Agency (JST)

Co-Organizers:

China Centre for International Science and Technology Exchange (CISTE)
Chinese Chemical Society

Date	Topic	Speaker	Unity and Position
June 28	Host	Ryoji Noyori	Nobel Laureate in Chemistry 2001 and Foreign Academician of Chinese Academy of Sciences, professor of Nagoya University, director of CRDS, Japan Science and Technology Agency
	Host	Okimura Kazuki	head of the China Research and Sakura Science Center, Japan Science and Technology Agency
	Host Do Scientific Research of Practical Significance	Tian He	Academician of the Chinese Academy of Sciences and TWAS, Academic director of the Eleventh Academic Committee of East China University of Science and Technology
	A Little Thought on the Development of the Crossing Field of Molecular Science Forefront	Zhang Deqing	Dean of the Institute of Chemistry, Chinese Academy of Science
	Efficient Chemosynthesis from Artemisinic Acid to Artemisinin	Zhang Wanbin	Professor of Shanghai Jiao Tong University
	From Chemistry to Life	Tian Mei	Professor of Zhejiang University
	Artificial Transformation and Utilization of Solar Energy	Fu Honggang	President of Heilongjiang University
	Construction and Social Application of the Basic Theories of Polymer Interface	Keiji Tanaka	Professor of Kyushu University
	The Unfolding of Brian Science and Artificial Intelligence	Inoue Takafumi	Professor of Waseda University
	Quantum Computer of All	Shimada Yoshihilo	Expert of CRDS, Japan Science and Technology Agency

REVITALIZATION



1

Forum on Coordinated Regional Development

With the theme of "New Mechanism for Coordinated Regional Development and Innovation-Driven Development in Northeast China", the forum will focus on the development of Northeast China, discuss and share experience in coping with the regional development challenges facing Beijing-Tianjin-Hebei Region, Yangtze River Economic Belt and Guangdong-Hong Kong-Macao Greater Bay Area. This forum is aimed at giving full play to the role of top-notch think tanks, leveraging science and technology to assist in the local socioeconomic development, and implementing the national strategy of innovation-driven development as well as the strategy of coordinated regional development. Lu Dadao, a famous geographer and member of the Chinese Academy of Sciences (CAS), will be invited to serve as the chair of the Academic Committee. Meanwhile, 30 prominent domestic scholars will also be invited to deliver important speeches, which will be included into an advisory report to be released after the forum.

Time:

June 27 – 28

Venue:

Sheraton Harbin Xiangfang Hotel

Organizer:

The Geographical Society of China
Harbin Normal University

Co-organizers:

Institute of Economic System and Management, National Development and Reform Commission
School of Geographical Sciences, Harbin Normal University
Heilongjiang Geographical Society

2

Summit Forum on the Deep Integration of Technology and Economy and the Promotion of Northeastern Region Revitalization Projects

Focusing on the needs of Northeastern Region Revitalization for modern agriculture, equipment manufacturing, energy, materials, eco-environmental protection, and resource exploitation and utilization, this forum will mobilize societies, scientists and engineers to kick off a series of field research. CAS/CAE members will be invited to give keynote speeches, share insights on the strategic and hot frontiers of industrial development, and discuss the way forward for the transformation and revitalization of the Northeastern Region. The Thematic Forum on the Transformation and Development of Coal-Dependent Cities in Heilongjiang Province will be held to offer a platform for relevant experts, relevant party and government leaders and representatives of local science and technology associations and enterprises to exchange ideas on the research findings and to offer advice and suggestions to support policy-making. The Event for the Promotion of Northeastern Region Revitalization Projects will also be held to facilitate project matchmaking and to showcase the headway made by national societies in serving the Northeastern Region Revitalization.

Time:

June 30

Venue:

Sheraton Harbin Xiangfang Hotel

Organizer:

Service Center for Societies of CAST
Heilongjiang Association for Science and Technology

Co-organizers:

China Society of Territorial Economists
Chinese Association of Automation
China Coal Society
China Textile Engineering Society

3

Directors' Forum on Digital Economy (Longjiang)

In order to implement the strategy of "building a cyberpower, digital China and smart society, and promoting the deep integration of the Internet, big data, artificial intelligence and real economy" and the requirement of Instruction on How to Carry Out the Development Action for service regions of "New Century Talents Project" of CAST, to cultivate the new-generation Digital Economy ICT talents with artificial intelligence, big data, cloud computing ability, to promote the high quality development of Digital Economy, Academic Division of CAST will hold Directors' Forum on Digital Economy during the Annual Meeting and invite experts and academicians form home and abroad, directors and representatives of Enterprise Institutes and discuss issues about development of Digital Economy Industry and talents cultivation with industry-education integration.

Time:

June 29 – 30

Venue:

Harbin University of Commerce

Organizer:

Academic Division of CAST
Intelligent Manufacturing Alliance of CAST Member Societies
Heilongjiang Association for Science and Technology
Education Department of Heilongjiang Province

Co-organizers:

Chinese Institute of Electronics
Chinese Society of Artificial Intelligence

4

Trendsetters Forum -- Forum for Chinese Innovation and Entrepreneurship Pioneers

This forum is a high-level think tank forum on innovation, entrepreneurship and creativity. It serves as a platform for scientists and engineers to exchange insights on innovation, entrepreneurship and creativity, as well as an important means through which CAST serves economic and social development. With the theme of "Gathering the Key Elements of Innovation and Entrepreneurship and Strengthening the Support for Northeastern Region Revitalization", the forum will invite founders and investors of leading technology companies, scholars and representatives of S&T achievement transformation agencies and government departments to shine a spotlight on the status quo of S&T innovation, entrepreneurship and creativity, to discuss the challenges facing Northeastern Region Revitalization and the coping strategies from the perspectives of capital, technology and talent, and to offer advice and suggestions on how to give full play to the role of high-tech industries in revitalizing the Northeastern Region.

Time:

June 28

Venue

Victories Hotel

Organizer:

China Communication Centre for Science and Technology
Heilongjiang Association of Science and Technology

Co-organizers:

Enterprise Science and Technology Association of UCOMMUNE
Enterprise Science and Technology Association of Chuangtoutiao
Heilongjiang Federation of Industry and Commerce

5

Entrepreneurs' Summit Forum on Science, Technology and Innovation

Focusing on the theme of "innovation and revitalization", CAST will hold five highlight activities such as keynote speech, high-level dialogue, private session, face-to-face meeting between entrepreneurs and college students and excellent achievements exhibition of innovation and entrepreneurship to explore the mechanism of the Industry-University Collaboration and to promote the cross-border integration of Technology Plus and high-quality development to contribute to the overall Northeastern Region Revitalization.

Time:

June 28 – 30

Venue:

Victories Hotel
Harbin Engineering University

Organizer:

Service Center for Enterprise Innovation
Heilongjiang Association for Science and Technology

Co-organizers:

e-China Alliances
Heilongjiang Federation of Industry and Commerce
Heilongjiang Association for Science and Innovation
Harbin Engineering University

6

Forum on Information Technology

This forum will discuss the hot frontiers of information technology under the theme of "Artificial Intelligence" and with the purpose of "leveraging information technology to boost the economic revitalization in the Northeastern Region".

Time:

June 29 - 30

Venue

Victories Hotel
Harbin Engineering University

Organizer:

China Union of Information Science and Technology Societies

Co-organizers:

Harbin Institute of Technology

Date	Time	Topic	Speaker	Unity and Position
June 29	13:45–14:15	The Development of Aerospace Information Technology	Wu Yirong	Director General and expert of Aerospace Information Research Institute, Chinese Academy of Sciences
	14:15–14:35	Cognitive Disorder of Deep Learning ––Teaching Neural Networks Numeracy	Xiaolin Wu	Professor of McMaster University
	14:35–15:05	The Development and Application of Space Intelligent Technology	Zhou Zhixin	Academician of the Chinese Academy of Sciences, President of Space Engineering University
	15:05–15:25	The Application of Signal Processing and Artificial Intelligence in the Prediction and Analysis of Big Data and Commercial Finance	XiaoPing Zhang	Professor of Ryerson University
	15:45–16:15	Emergency Industry and Emergency Management	Dai Hao	Academician of the Chinese Academy of Engineering, expert of Institute of System Engineering, Academy of Military Sciences PLA China
	16:15–16:35	New System Radar and Real-time Information Processing Technique	Long Teng	Vice President and professor of Beijing Institute of Technology
	16:35–16:55	Beidou Precise Positioning Technique and its Application	Zhou Jianhua	Chief Architect of Beidou Operation and Control System, expert of Beijing Satellite Navigation Center

7

Forum on the Development of Equipment Manufacturing and Intelligent Manufacturing Technologies

Domestic and international experts will be invited to discuss issues related to equipment manufacturing and intelligent manufacturing. In the meantime, the Enterprise Matchmaking Session and the Talent Cultivation Workshop will also be held to offer targeted advice and suggestions with regard to the needs of the equipment manufacturing industry in the Northeastern Region.

Time:

June 30 – July 1

Venue:

Wanda Realm Qiqihar

Organizer :

Intelligent Manufacturing Alliance of CAST Member Societies
Qiqihar Municipal People's Government

Co-Organizer:

Qiqihar Association for Science and Technology
China First Heavy Industries
CRRC Qiqihar Co., Ltd

Keynote Speakers:

Session Ⅰ: Business Docking
Venue: Multi-Function Hall 1, Wanda Realm Qiqihar
Host: Xi Dahua, Vice Secretary-General of Intelligent Manufacturing Alliance of CAST Member Societies

Session Ⅱ: Talent Cultivation
Venue: Multi-Function Hall 2, Wanda Realm Qiqihar
Host: Yan Jianlai, Vice Secretary-General of Intelligent Manufacturing Alliance of CAST Member Societies

Main Forum
Venue: Banquet hall 1, Wanda Realm Qiqihar
Host: Wu Youhua, Executive Vice Secretary-General of Intelligent Manufacturing Alliance of CAST Member Societies

Agenda

Date	Time	Topic	Speaker	Unit and Position
June30 Session Ⅰ: Business Docking	8:30-8:40	Speech	Xi Dahua	Vice Secretary-General of Intelligent Manufacturing Alliance of CAST Member Societies
	8:40-8:50	Speech	Shi Guohui	Secretary of the Leading Party Members' Group of Qiqihar Association for Science and Technology
	8:50-9:10	Introduction video of Qiqihar City and key enterprises		
	9:10-9:50	Intelligent Manufacturing Development Technology Route	YuMeimei	Academician of National Expert Advisory Group for the Integrated Standardization of Intelligent Manufacturing
	9:50-9:55	Q&A		
	9:55-10:25	Application of On-Machine Measurement in Precision Machining	Zhang Baoquan	CEO of Beijing JingDiao Group Co., Ltd.
	10:25-10:30	Q&A		
	10:30-11:00	Intelligent Manufacturing Solution based on Digital Strategy Data	Xu Zhen	Chief Technical Officer of MAS
	11:00-11:05	Q&A		
	11:05-11:35	Implementation Method and Case of Digital Transformation of Manufacturing Guided by Value Stream Mapping	Monden Tobias	Staufen(Shanghai) Business Consulting Co., Ltd.
	11:35-12:00	Discussion		

Date	Time	Topic	Speaker	Unit and Position
June 30 Session Ⅱ: Talent Cultivation	8:30-9:00	Talent Cultivation of New Generation Information Technology	Yan Jianlai	Vice Secretary-General of Intelligent Manufacturing Alliance of CAST Member Societies
	9:00-10:00	Cultivation of Talents in the Trend of Digital Transformation Upgrading	Xiao Youzhuan	Chief Adviser of Six Sigma of MLC
	10:00-10:50	Suggestions on Specialized Group of Intelligent Connected Vehicle	Zheng Lixiong	Deputy Director of R & D of JINGGE-TECH Co., Ltd.
	10:50-11:30	Intelligent Operation and Cultivation of Talents	Li Xiang	Undergraduate Teaching Secretary of School of Mechanical Engineering of Xi' an Jiaotong University
	11:30-12:00	Discussion		

Date	Time	Topic	Speaker	Unit and Position
June 30 Main Forum	14:00-14:10	Speech	Yao Qing	Vice Mayor of Qiqihar City
	14:10-14:50	Precision Test Techniques and Intelligent Manufacturing	Tan Jiubin	Academician of Chinese Academy of Engineering, Professor at Harbin Institute of Technology
	14:50-15:30	Strengthening Fundamental Research and Industry-university-research Cooperation; Promoting Independent Innovation of High-level Equipments	Huang Qingxue	Academician of Chinese Academy of Engineering, President of Taiyuan University of Technology
	15:30-16:10	Strategic Significance of Developing Intelligent Manufacturing	DONG Jingchen	Chief Expert at the Manufacturing Research Office of Chinese Academy of Engineering
	16:10-16:50	Power control of Hydrogen Fuel Cells	JIN Yimang	Director of Yangtze Delta Region Institute of Tsinghua University, Zhejiang - Ningbo DLT Vehicle Control Research Center
	16:50-17:30	Preparation for The Fourth Industrial Revolution of the Association of Southeast Asian Nations (ASEAN)	Chen Zhihui	Director of R&D Department, Wuxi Zhongche Times Intelligent Equipment Co., Ltd.

8

Forum on the Development of Green Agricultural Technologies in the New Era

In order to thoroughly implement the instruction sprit of Present Xi "Work together to protect and use black soil region well", with the theme of "Modern Agricultural Development in the Black Soil Region", this forum will set up closed symposium, keynote speeches and high-level dialogue and invite experts and scholars from home and abroad. Focusing on the topic of the green development of agriculture, the construction of intelligent agriculture and black soil region in Northeast China, conservation will be launched and advice will be given to promote the modern agricultural development in the black soil region and northeastern region revitalization.

Time:

June 27 – 28

Venue:

Dongda Fucheng Business Hotel

Organizer :

China Association of Agricultural Science Societies

Co-Organizer:

Northeast Agricultural University
Heilongjiang Academy of Agricultural Sciences
Beidahuang Group
Heilongjiang Association of Agricultural Science Societies

Agenda

Date	Time	Topic	Speaker	Unit and Position
June 28	8:20–8:40	Opening Ceremony		
	8:40–9:15	New Thoughts on China's Agricultural Machinery Technology Creation	Luo Xiwen	Academician of Chinese Academy of Engineering, Professor at South China Agricultural University
	9:15–9:50	Technological Innovation and Food Security	Xie Huaan	Academician of Chinese Academy of Engineering, expert at Fujian Academy of Agricultural Sciences
	9:50–10:25	Development on Bird Flu Prevention and Control Technology	Chen Hualan	Academician of Chinese Academy of Engineering, expert at Harbin Veterinary Research Institute, Chinese Academy of Agricultural Sciences
	10:25–11:00	Thoughts on Facilities of Green Production of Vegetables	Li Tianlai	Academician of Chinese Academy of Engineering, Professor of Shenyang Agricultural University
	11:00–11:30	Study on Agricultural Waste Resource Utilization and Bioenergy in Germany	Michael Nelles	Director of German Biomass Research Centre (DBFZ), Professor of Waste Management and Material Flow of the Faculty of Agricultural and Environmental Sciences of the University of Rostock, Germany
	11:30–12:00	Progress Research on the Influence of Soil Carbon Stability Mechanism	William R. Horwath	Professor and Chair of the Department of Land, Air and Water Resources, UC Davis
	14:00–14:30	Agricultural Technology of 70 years in Heilongjiang	Li Wenhua	Director of Heilongjiang Academy of Agricultural Sciences
	14:30–15:00	Improve food by Quality and Revitalize Agriculture by Technology	Xu Xueyang	Deputy Secretary of the Party Committee, Vice Chairman and General Manager of Beidahuang Group
	15:00–15:35	Planting–Breeding and Beautiful Countryside	Yin Yulong	Academician of Chinese Academy of Engineering, expert of the Institute of Subtropical Agriculture, The Chinese Academy of Sciences
	15:35–16:05	Quality Maintenance of Picked Vegetables and Fruits and Scientific Basis and Technology of Safety Prevention and Control	Tian Shiping	Expert at the Institute of Botany of the Chinese Academy of Sciences

Date	Time	Topic	Speaker	Unit and Position
June 28	16:15–17:15	Smart Agriculture and Agricultural Informationization	Zhao Chunjiang	Academician of Chinese Academy of Engineering, Director of the Beijing Academy of Agricultural and Forestry Sciences
		Smart Agriculture and Agricultural Informationization	XU Shiwei	Expert at the Agricultural Information Institute of CAAS
			Li Wenhua	Director of Heilongjiang Academy of Agricultural Sciences
			Xu Xueyang	Deputy Secretary of the Party Committee, Vice Chairman and General Manager of Beidahuang Group
			Du Weicheng	Former Deputy Director of Information Center of Ministry of Agriculture and Rural Affairs
			Zhou Guomin	Deputy Director Science and Technology Administration, Chinese Academy of Agricultural Sciences
	17:15–18:15	Black Soil Protection and Green Development of Agriculture	Bao Jun	President of Northeast Agricultural University
			Luo Shiming	Professor at the South China Agricultural University
			Han Guiqing	Counselor of Heilongjiang Provincial People' s Government, Chairman of the International Network of Black Soils (INBS)
			Li Baoguo	Dean of College of Land Science and Technology, China Agricultural University
			Sun Zhanxiang	Vice president of Liaoning Academy of Agricultural Sciences
			Wei Dan	Expert at Beijing Academy of Agricultural and Forestry Sciences

9

Forum on High-Tech Collaborative Innovation and Development

Focusing on the goal of leveraging high-tech collaborative innovation to revitalize the old industrial bases in Northeast China, this forum will invite experts with strong expertise in high technologies to discuss the application prospects of high and new technologies in the fields of aerospace, new materials, power equipment, heavy equipment and intelligent manufacturing from the perspective of the strengths of the equipment manufacturing industry in Heilongjiang Province, to debate on the key sectors to be prioritized in Heilongjiang Province for the new era and, by giving full play to the role of the think tank union, to put forward relevant suggestions for applying new technologies, producing new products and providing new services.

Time:

June 29 – 30

Venue:

Sun Island Garden Hotel

Organizer :

Military and Civilian Integration Institutes Union of CAST
Harbin Engineering University

Agenda

Date	Time	Schedule
June 29	13:30-17:30	Forum on High-Tech Collaborative Innovation and Development (Internal Meeting)
June 30	9:00-12:00	Seminar on High-Tech Collaborative Innovation
		CAS/CAE Members' Salon on Innovation-Driven Development and Longjiang Revitalization

10

International Forum on New Material Technologies

At this forum, Gan Yong, CAE member and director of the National Advisory Committee on New Materials Industry Development Strategy, will lead prominent material experts from home and abroad to discuss the national strategy for advanced materials, to take account of the unique local industries in Heilongjiang, to discuss the way forward for the development of advanced materials, and to analyze the key technologies critical to the R&D, manufacturing and applications of advanced materials in Heilongjiang.

Time:

June 28

Venue:

Victories Hotel

Organizer:

Advanced Materials Alliance of CAST Member Societies
Harbin Institute of Technology

Co-Organizers:

Liaoning Association for Science and Technology
Liaoning National New Raw Material Base Construction Engineering Center
Industry Alliance of New Material in Guangdong-Hong Kong-Macao Greater Bay Area
Technology Innovation Strategic Alliance of New Material Industry in Heilongjiang

Agenda

Date	Time	Topic	Speaker	Unity and Position
June 28	8:45-9:25	The Strategy of Reinvigorating China through New Materials Development in Manufacturing Industry	Gan Yong	Academician ofthe Chinese Academy of Engineering, Director General of the Chinese Society for Metals, academician
	9:25-10:05	Modified α-NiMoO4 Photocatalyst Applied in High Efficiency Dye, Drug Degradation and Killing bacteria in Waste-water	Soo Wohn Lee	Former President of International Union of Materials and professor at Sun Moon University
	10:15-10:55	Fundamental Research, Materials Science and Cultivation of Talents	Gao Ruiping	Deputy director and expert of National Natural Science Foundation of China
	10:55-11:35	Intelligent Manufacturing of Process Industry	Qian Feng	Academician of the Chinese Academy of Engineering, Vice President and academician of East China University of Science and Technology
	11:35-12:15	Research & Development and Application of Advanced Lightweight Material and Ceramic Matrix Composite	Zhou Yu	Academician of the Chinese Academy of Engineering, President and academician of Harbin Institute of Technology

Date	Time	Topic	Speaker	Unity and Position
June 28	Sub-Forum of Light Metal			
	14:30-15:00	Micro-alloying Aluminum	Nie Zuoren	Academician of the Chinese Academy of Engineering, Vice President and academician of Beijing University Of Technology
	15:00-15:30	Current Situation and Outlook of the Development of Mg-based Materials	Pan Fusheng	Academician of the Chinese Academy of Engineering, Professor and academician of Chongqing University
	15:30-16:00	A Kind of Alloy of Unique Properties: High-Entropy Alloys	Wang Tongmin	Professor of Dalian University of Technology
	16:00-16:30	Light Weight and Heat Resisting Titanium Matrix Composite	Geng Lin	Professor of Harbin Institute of Technology
	16:30-17:00	Research and Application of Pilot Test of Advanced Composite Technology	Wang Guojun	Deputy Chief Engineer of Northeast Light Alloy Co. Of Aluminum Corporation of China
	Sub-Forum of High Polymer Materials			
	14:30-15:00	Research and Application of New Heterocycle High Performance Engineering Plastics	Jian Xigao	Academician of the Chinese Academy of Engineering, Dalian University of Technology
	15:00-15:30	Inter-surface Study of Advanced Polymer Matric Composites	Huang Yudong	Dean and professor of School of Chemistry and Chemical Engineering, Harbin Institute of Technology
	15:30-16:00	Polymer/Graphene Nanocomposite of Electrical and Thermal Conductivity	Yu Zhongzhen	Vice Dean and professor of College of Material Science and Engineering, Beijing University of Chemical Technology
	16:00-16:30	The Technological and Industrial Development of Para-aramid in China	Ma Qianli	Vice General Manager of Tayho, professor-level senior engineer
	Sub-Forum of Composite Material			
	14:30-15:00	Structure of Intelligent composite materials: Mechanical Design, 4D Printing and Primary Application	Leng Jinsong	Professor of School of Astronautics, Harbin Institute of Technology
	15:00-15:30	Basic Studies of the Designing, Preparing and Applying of Carbon/Carbon Composite Material	Feng Zhihai	Company One of China Aerospace Science and Technology Corporation and expert of Aerospace Research Institute of Materials and Processing Technology
	15:30-16:00	Basic Studies of Metal-matrix Composite and Opportunities and Challenges of Its Industrial Application	Wu Gaohui	Professor of School of Materials Science and Engineering, Harbin Institute of Technology
	16:00-16:30	Structural Design, Preparation and Performance of Hollocellulose Composite	Zhang Jun	Professor of Institute of Chemistry, Chinese Academy of Sciences
	16:30-17:00	The Development of Ceramic Matrix Composite	Li Song	Professor-level senior engineer of Beijing Bogangyuan Composite Limited Liability Company

11

Forum on the Development of Technologies for Petroleum and Petrochemical Industries

Oriented by the industrial layout, development environment, talent pool, technical conditions and policy requirements of the development strategy of "beginning with petroleum and ending with petrochemical", and focusing on the technical bottlenecks inhibiting the development of the two industries, this forum is held to thoroughly implement the spirit of the important instructions given by President Xi Jinping on the development strategy of "beginning with petroleum and ending with petrochemical" during his visit to Heilongjiang Province. Through keynote speeches by CAS/CAE members, workshop between prominent CAS/CAE members and first-line scientists and engineers from the relevant sectors of Daqing and the exhibition of the achievements in the petroleum and petrochemical industries, this forum is aimed at promoting the exchange and cooperation on the hot frontiers of the two industries, leveraging science and technology to assist in the development of these two industries in Daqing, and contributing to the building of "Century-Old Oilfield" in Daqing as well as it comprehensive and all-round revitalization.

Time:

June 30

Venue:

Daqing Normal University

Organizer :

Chinese Petroleum Society
Daqing Municipal People' s Government
Daqing Oilfield Co., Ltd.
Heilongjiang Petroleum Society
Northeast Petroleum University
Daqing Normal University

Agenda

Date	Time	Topic	Speaker	Unit and Position
June 30	Forum on the Petroleum Industry			
	9:00–10:00	Progress of Development Technology of Unconventional Exploration	Sun Longde	Academician of the Chinese Academy of Engineering, Vice President of PetroChina Co., Ltd., Party Committee Secretary and General Manager of Daqing Oilfield Co., Ltd.
	10:15–11:15	Shale Oil and Gas Revolution and Strategic Significance	Zou Caineng	Academician of the Chinese Academy of Sciences, Assistant Dean of Research Institute of Petroleum Exploration and Development
	14:00–15:00	New Exploration Modes of Fracture-controlled Reserves and Suggestions on Improving the Development Effect of Unconventional Exploration	Xu Yun	Technical Expert of Research Institute of Petroleum Exploration and Development
	15:00–15:30	New Methods of Prediction of Oil and Gas reservoir	Jiang Zaixing	Professor at China University of Geosciences
	15:45–17:30	Seminar on Sustainable Development of Resource-based City and Creation of Technology of Centennial Oil Field	Wang Yuhua	Deputy General Manager of Daqing Oilfield Co., Ltd., Vice President of Daqing Petroleum Administration Bureau
	Forum on the Petrochemical Industry			
	9:00–10:00	Pattern and Key Technology of Future Refineries	Li Dadong	Academician of the Chinese Academy of Engineering, Former President of Sinopec Research Institute of Petrochemical Processing
	10:00–11:00	Transformation of Material Superiority to Product Superiority ——Thought on Strategy of "Ending with Petrochemical"	Zhang Mingsen	Deputy Chief Engineer of Beijing Chemical Industry Research Institute
	11:00–12:00	Processing Route and Analysis of Main Production of Oil Refining in Daqing Oil Field and Suggestions on Development of Refining-chemical Integration in the Project Beginning with Petroleum	Li Hong	Senior Engineer of Petrochina Daqing Petrochemical Comany

12

International Summit Forum on the Status Quo and Prospects of Intelligent Manufacturing

The forum is aimed at deepening the exchanges and cooperation between Chinese scholars and international scientists with deep expertise in intelligent manufacturing, implementing the requirements set forth in the "13th Five-Year Plan" of CAST to strengthen the exchanges and cooperation with developed countries on innovation strategies, promoting science and technology diplomacy by taking account of CAST' s work arrangements for 2018, building a world-class people-to-people science and technology exchange platform, contributing to the exchanges and cooperation on the hot frontiers in the field of intelligent manufacturing, discussing the contribution of intelligent manufacturing to social development and the associated hot topics, drafting an analysis report on the development trend of intelligent manufacturing to be submitted to the relevant national authorities, offering advice and suggestions to support government' s policy-making, and effectively promoting the implementation of the "Made in China 2025" initiative.

Time:

June 29 – 30

Venue:

Harbin Institute of Technology

Organizer :

Science and Technology Publishing House
Harbin Institute of Technology

Agenda

Date	Time	Topic	Speaker	Unit and Position
June 29	9:00–22:00	Registration		
	14:00–16:00	State Key Laboratory of Robotics and System of Harbin Institute of Technology		
June 30	Host: Liu Hong, Vice President and Professor at Harbin Institute of Technology			
	8:30–8:50	Opening ceremony and opening remarks	Cao Xibin	Vice President and Professor of Harbin Institute of Technology
			Wang Kangyou	President of Science and Technology Publishing House and Expert
	8:50–9:00	Photo		
	Host: Deng Zongquan, Academician of Chinese Academy of Engineering, Professor of Harbin Institute of Technology			
	9:00–9:30	New Methods of Constructing Three-dimensional Device Based on Mechanics Design	Yonggang Huang	Fellow of National Academy of Engineering, Foreign Member of the Chinese Academy of Sciences, Professor at Northwestern University
	9:30–10:00	Regulation Techniques of Self-healing Artificial Intelligence and Self-healing Equipment	Gao Jinji	Academician of the Chinese Academy of Engineering, Professor at Beijing University of Chemical Technology
	10:00–10:20	Tea Break		
	Host: Gao Jinji, Academician of the Chinese Academy of Engineering, Professor at Beijing University of Chemical Technology			
	10:20–10:50	From Natural Manufacturing to Intelligent Manufacturing	Mingjun Zhang	Professor at Ohio State University
	10:50–11:20	Status Quo and Future of the Application of 3D Printing Technology	Lu Bingheng	Academician of the Chinese Academy of Engineering, Professor at Xi' an Jiaotong University
	11:20–11:50	Reinforcing fundamental research and Industry-University-Research Collaboration to Promote Self Innovation in High Level Equipment	Huang Qingxue	Academician of the Chinese Academy of Engineering, President of Taiyuan University Of Technology

Date	Time	Topic	Speaker	Unit and Position
June 30	11:50–14:00	Lunch and Break		
	Host: Huang Qingxue, Academician of the Chinese Academy of Engineering, President of Taiyuan University Of Technology			
	14:00–14:30	Progress and Prospects of Technological Innovation in Machinery Manufacturing	Lei Yuanzhong	Expert of National Natural Science Foundation of China
	14:30–15:00	Material and Structure Inspired by Origami	Zhong You	Professor at the University of Oxford
	15:00–15:30	Cultivation of Talents in the Intelligent Era	Dong Shen	Honorary Director and Professor of Center for Precision Engineering of Harbin Institute of Technology
	15:30–15:50	Tea Break		
	Host: Lei Yuanzhong, Expert of National Natural Science Foundation of China			
	15:50–16:20	AI Oriented High Level Manufacturing and Robot System	Jianwei Zhang	Fellow of the German Academy of Sciences (Leopoldina), Professor at University of Hamburg
	16:20–16:50	AI Combo of Software and Hardware Intelligent Manufacturing System	Luo Renquan	Chair Professor at National Taiwan University

13

Summit Forum on the Innovations and Prospects of Energy Industry and the Exhibition of Scientific and Technological Innovations and Achievements in the Energy Industry

Focusing on the national energy development strategy, the Summit Forum on the Innovations and Prospects of Energy Industry will invite relevant government officials, authoritative experts and enterprise representatives to discuss the S&T innovations and industrial transformation in the energy industry, to offer advice and suggestions on the development and revitalization of the energy industry in Northeast China, and to build a cooperation and exchange platform facilitating the integrated development of energy, S&T, and financial industries. In the meantime, the Exhibition of Scientific and Technological Innovations and Achievements in the Energy Industry will also be held to showcase the S&T innovations and achievements in China's energy industry, so as to push ahead the coordinated and innovation-driven development of the energy industry.

Time:

June 29

Venue:

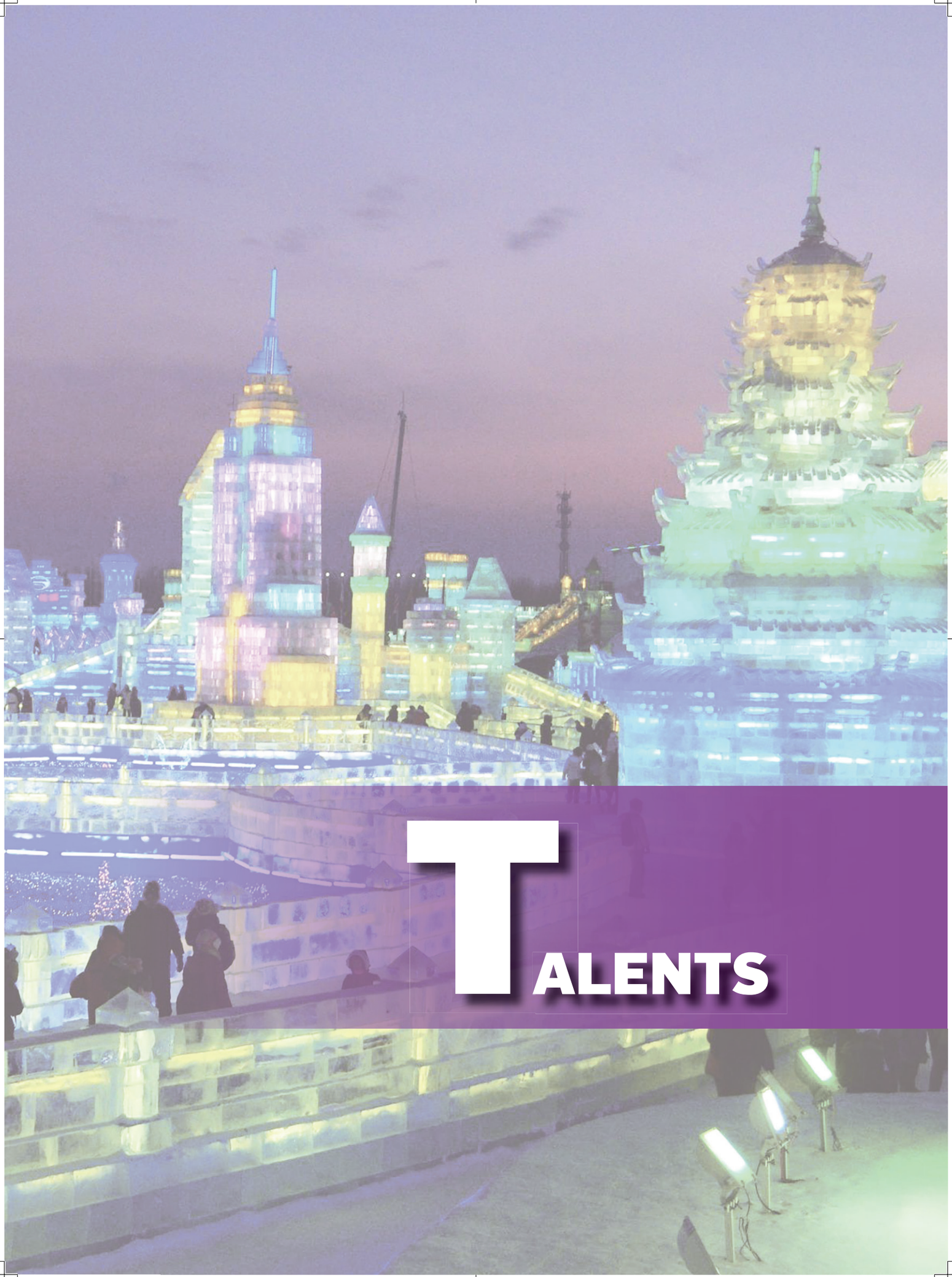
International Conference Center, Victories Hotel

Organizer:

Service Center for Enterprise Innovation of CAST
Beijing Houde Shengyan Investment Consulting Co., Ltd.
State Grid Excellence Tech-Culture Co., Ltd.

Co-Organizers:

China Energy Research Society
Chinese Society for Electrical Engineering
Heilongjiang Association for Science and Technology



TALENTS

1

Meeting between CAST President and College Students in Heilongjiang Province

Wan Gang, Vice Chairman of the 12th National Committee of the Chinese People's Political Consultative Conference (CPPCC), President of the 9th National Committee of the China Association for Science and Technology (CAST), Chairman of the China Zhi Gong Party, will attend the meeting and talk with the representatives of college students in Heilongjiang Province. Under the guidance of "Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era" and the spirit of the 19th CPC National Congress, Mr. Wan Gang will exchange ideas on relevant issues with college students, encourage college students to follow their dreams and convictions, and call upon them to shoulder important tasks in the new era, to scale new heights in science, to actively participate in the industrial revitalization in Northeast China, to realize their aspirations, and to contribute their youth and widsom to the great rejuvenation of the Chinese nation.

Time:

June 29

Venue:

Northeast Forestry University

Organizer:

Heilongjiang Association for Science and Technology
Education Department of Heilongjiang Province
Heilongjiang Provincial Committee of the Communist Youth League of China
Northeast Forestry University

2

Forum for Young Scientists and Engineers

Focusing on the theme of "Year of Promoting Services for Development", this forum is aimed at promoting the all-round revitalization of Northeast China in the new era and building a platform facilitating the communication among the winners of the 15th China Youth Science and Technology Awards, young scientists and engineers, local governments and enterprises.

Time:

June 29

Venue:

Harbin Institute of Technology

Organizer:

Department of Organization and Personnel of CAST
Heilongjiang Association for Science and Technology
Harbin Institute of Technology

3

Mainland China, Taiwan, Hong Kong and Macao Youth Forum on Green Development

Held by the CAST Department of International Affairs and the Chinese Chemical Society (Young Chemists Committee), this forum aims to promote the in-depth exchange of ideas and insights on green chemistry among young scientists and engineers from Mainland China, Taiwan, Hong Kong and Macao; give full play to the intellectual strengths of young scientists and engineers from Mainland China, Taiwan, Hong Kong and Macao, and join efforts on green chemistry research to serve the economic development in the host city of this forum, as well as the development of academic subjects; establish a long-term mechanism facilitating the S & T exchanges among the young people from Mainland China, Taiwan, Hong Kong and Macao; contribute to the mutual promotion of policy and management mechanisms between the research and technology communities in Mainland China, Taiwan, Hong Kong and Macao; and build a platform to serve the cultivation of young talents in the field of green chemistry.

Time:

June 29 – 30

Venue:

Hampton Hotel by Hilton
Heilongjiang University

Organizer:

Department of Exchange and Cooperation of CAST
Chinese Chemical Society
Heilongjiang Association for Science and Technology
Heilongjiang University
Heilongjiang Youth Federation

Co-Organizers:

Chemical Society of Heilongjiang Province
Related S & T institutions from Hong Kong, Macau and Taiwan

4

The First International Green Dot Contest

Entrusted by CAST, the Urban Planning Society of China (UPSC) will launch the very first "International Green Dot Contest" themed on green development. Adhering to the scientific way of comprehensive, balanced and sustainable development that puts people first, and focusing on the people' s living conditions, the spatial planning and design competition will be organized to solicit green and innovation-driven development plans in a bid to put the concept of green development into implementation, to solve the real challenges facing local development, to build a platform for the exchange of green academic achievements, and to promote international green cooperation.

Time:

June 30

Venue:

Harbin International Conference Centre (Huaqi Auditorium)

Organizer:

United Nations Human Settlements Programme
Urban Planning Society of China
Heilongjiang Association for Science and Technology
Department of Natural Resources of Heilongjiang Province
Harbin Municipal People' s Government
International Society of City and Regional Planners (ISOCARP)

Agenda

- Entry Application: Deadline for Application is March 10 (china standard time).
- Field Investigation: Concentration investigation in March 29- April 1 (china standard time) .
- Deliverables Submission: before 24:00(china standard time) , May 31, 2019.
- Jury Meeting: June 11, famous experts on Planning & Design review the deliverables.
- Announcement of Results: awards list is announced in Mid-June.
- Awarding Ceremony: awarding ceremony is held on June 30 and the award-winning works will be displayed and publicized.

5

China (Harbin) Innovation and Entrepreneurship Competition for Overseas Talents

Jointly endorsed and approved by the China Association for Science and Technology (CAST) and Heilongjiang Provincial Government, the China Innovation and Entrepreneurship Competition for Overseas Talents will take place from January to July of 2019 and consist of the following four stages: registration, preliminaries, Heilongjiang Finals, and post-competition matchmaking. Leveraging the extensive overseas human resources of CAST, this competition aims to bring together top-notch overseas scientists and engineers, introduce original and cutting-edge overseas high-tech innovation and entrepreneurship projects, encourage outstanding overseas talents and teams to pursue innovation and start businesses in Heilongjiang Provinces, and accurately serve the innovation-driven development of Heilongjiang Provinces.

Time:

June 29 – 30

Venue:

Harbin Opera House
Harbin International Conference Centre (Huaqi Auditorium)

Organizer:

Heilongjiang Association for Science and Technology
Harbin New District Administration Committee
Overseas Chinese Entrepreneurs Alliance (OCEA)

Co-Organizers:

Japan China Science Technology and Culture Center,Association of Chinese-European Innovation and Entrepreneurship (ACEIE) , iBeeHub Global Talents Entrepreneurship Center Boston Division,Overseas Chinese Entrepreneurs and Professionals Association,Overseas Chinese Society for Technology & Business in UK (OCSTAB) , Coworking office, c. Blagoveshensk, Beijing health promotion association, E-commerce Association of Singapore, Ausinan Science & Technology Society, General Chamber of Commerce in Russia

Assistance Units:

Provincial Committee of Communist Youth League, Harbin Science and Technology Bureau, Harbin Science and Technology Association, Harbin High-tech Industrial Development Zone, Harbin Economic and Technological Development Zone, Limin Economic and Technological Development Zone, Songbei District Science and Technology Bureau (District Science and Technology Association), Songbei District Economic Development Bureau, Songbei District Promotion Bureau for Inward and Direct Investment

Agenda

Date	Time	Venue	Schedule
June 29	13:30–14:45	Harbin Opera House	Road Show, Awarding and Signing Ceremony
June30	14:00–17:00	Harbin International Conference and Exhibition Centre (Huaqi Auditorium)	Awarding Ceremony of the Competition and Closing Ceremony of the 21st CAST Annual Meeting

6

Sino-Russian Event on the Joint Production and Sharing of Popular Science Resources

Closely upholding the "Belt and Road" initiative, this event is aimed at improving scientific literacy and promoting the building a community of shared future for mankind. Relying on the Sino-Russian science popularization exchange and cooperation platform, charitable medical services and lectures will be organized to popularize health knowledge and disseminate the culture of traditional Chinese medicine. We will also roll out a series of activities such as sending mobile science museums to the Amur Oblast of Russia and organizing Chinese and Russian teenagers to attend science popularization exchange activities in Heilongjiang Province.

Time:

June 29 – 30

Venue:

Heihe City, Heilongjiang Province
Amur, Russia

Organizer:

Department of Science Popularization of CAST
Heilongjiang Association for Science and Technology
China Science and Technology Museum

Co-Organizers:

Heilongjiang Science and Technology Museum

7

Exchange Event on Building an Integrated Platform for Scientific Literacy Promotion

Closely integrating production and life practices and taking the science literacy promotion platform as the carrier, we will mobilize a vast number of scientists, engineers and stakeholders to carry out science literacy promotion actions across the province. The platform is developed and built on the radio and television network, service system and all-media communication system of Heilongjiang Province, and consists of the rural revitalization channel, Russia-targeted science popularization channel, China Science Communication channel, and science communication media convergence channel.

Time:

June 29 – 30

Venue:

Harbin City

Organizer:

Department of Science Popularization of CAST
Heilongjiang Association for Science and Technology

Co-Organizers:

Longjiang Network

8

Popular Science Lectures Given by Prominent Scientists and Experts

With the theme of "Technology Leads the Revitalization of Longjiang", CAS/CAE members (experts) will be invited to give offline popular science public lectures during CAST Annual Meeting in order to give full play to their intellectual resources. Through live streaming by well-known domestic and provincial media, popular science lectures and face-to-face discussions, CAS/CAE members (experts) will introduce the cutting-edge popular science knowledge to the audience.

Time:

June 29 – 30

Venue:

Harbin City and the other cities and areas

Organizer:

Department of Science Popularization of CAST
Heilongjiang Association for Science and Technology
Children and Youth Science Center of CAST

9

Science Popularization Carnival for Teenagers

Independently developed by the China Science and Technology Museum and focusing on the explorations, innovations and breakthroughs made and achieved by China in the fields of science, technology and engineering, the popular science exhibition themed on "Innovation Wins the Future" will display a vast range of remarkable achievements made by Chinese people in tackling critical challenges and scaling the new heights of science and technology. In the meantime, Heilongjiang Robotics Competition and Heilongjiang Model Airplane Competition will also be held to complement the exhibition.

Time:

June 29 – 30

Venue:

Harbin City and the other cities and areas

Organizer:

Department of Science Popularization of CAST
Heilongjiang Association for Science and Technology
China Science and Technology Museum

10

Cooperation and Exchange Summit of China Rural Special Technology Association (Heilongjiang)

In order to showcase the agricultural, ecological, scientific and technological advantages of Heilongjiang Province, this summit will consist of two promotion events to give full play to role of science popularization platforms and carriers, as well as other featured science population activities. The opening ceremony will be held on the afternoon of June 28, and there will be speeches given by high-ranking officials, keynote speeches delivered by prominent experts, Heilongjiang Top 10 New and Modern Agricultural Technologies Promotion Event, Heilongjiang Top 10 Agricultural Technology Pioneers Promotion Event, high-level dialogue, etc., all in an effort to showcase how the science popularization efforts have significantly contributed to the revitalization of rural areas in Heilongjiang Province.

Time:

June 28

Venue:

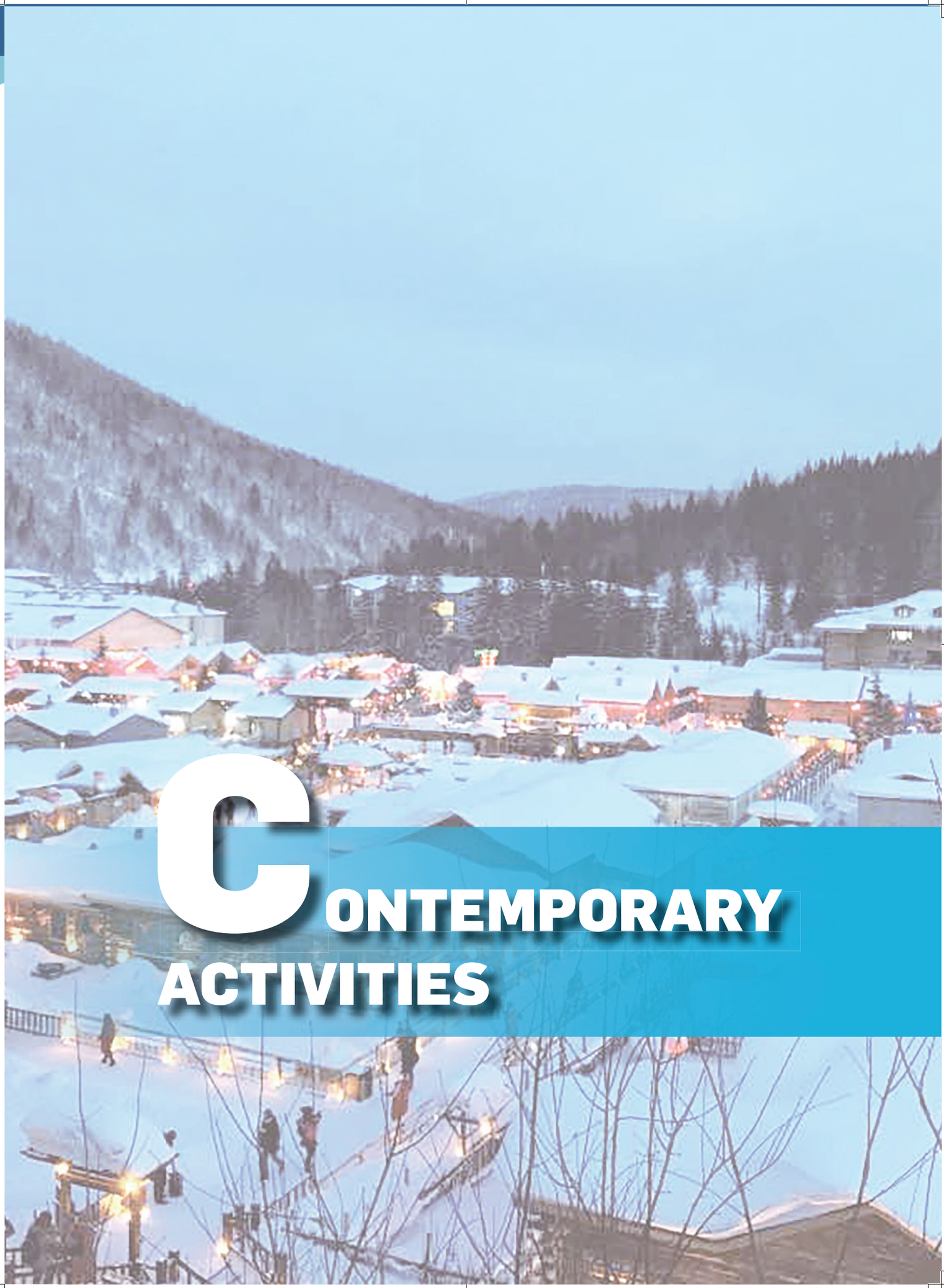
Heilongjiang Broadcasting Station

Organizer:

Department of Science Popularization of CAST
China Rural Special Technology Association
Heilongjiang Association for Science and Technology

Co-organizer

Heilongjiang Broadcast & TV Station



CONTEMPORARY ACTIVITIES

The 10th standing Committee of the 9th CAST

Time: June 28
Venue: Victories Hotel

The Signing Ceremony of Provincial capital cooperation agreement

Time: June 30
Venue: Victories Hotel

Secretary of the Leading Party Members' Group Symposium of Local Association for Science and Technology

Time: June 29
Venue: Victories Hotel

Science and Technology Volunteer Service Activities of Heilongjiang University of Chinese Medicine and Science Popularization Observation and Demonstration Event at the No.703 Research Institute of China Shipbuilding Industry Corporation (CSIC)

Time: June 29
Venue: Heilongjiang University of Chinese Medicine
No.703 Research Institute of China Shipbuilding Industry Corporation

Heilongjiang

Introduction to Heilongjiang Province

Heilongjiang Province, abbreviated as "Hei" in Chinese, is located in the northeast of China, at the highest latitudes and the northernmost end of the country. It extends west to east from 121° 11’ to 135° 05’ and south to north from 43° 26’ to 53° 33’, covering 14 longitudes and 10 latitudes. It neighbors Russia across the Heilongjiang and Wusuli rivers running in its north and east respectively; in the west, it adjoins the Inner Mongolian Autonomous Region; and to its south is Jilin Province. It covers an area of 473,000 square km (including Jiagedaqi and Songling District) and is the sixth largest province in China with borderline stretching 2981.26 meters. The land of Heilongjiang is made up of mountains (50%), lakes & rivers (10%), grassland (10%) and farmland (30%). The terrain is generally high in the northwest, north and southeast, and low in the northeast and southwest, consisting mainly of mountains, plateaus, plains and water systems. Its main rivers include Heilongjiang River, Songhua River, Wusuli River and Suifen River, whilst its main lakes are Khanka Lake, Jingpo Lake and the Five Big Linking Lakes, etc. Lying in the hinterland of Northeast Asia, Heilongjiang Province serves as an important gateway through which Asian and Pacific land routes stretch into the Russian and European continent. As an important window for opening-up along the borderline, Heilongjiang Province has become the forefront of China's opening-up to Russia and other CIS countries.

