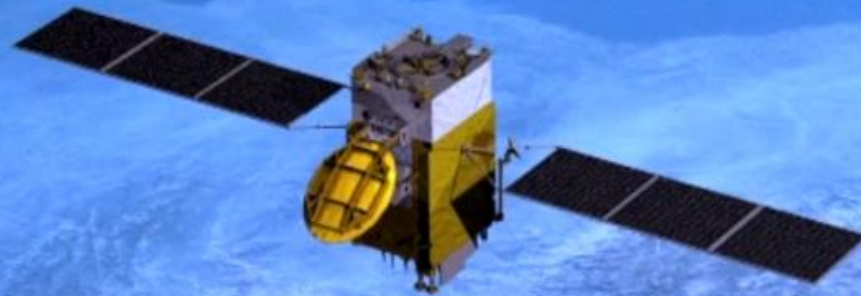




17th Meeting of the International Committee on  
Global Navigation Satellite Systems



# Academic Exchange on BeiDou Navigation Satellite System



**Weina Hao**  
**Aerospace Information Research Institute, Chinese**  
**Academy of Sciences (AIR-CAS)**  
**October 18th**

# CONTENTS

01 Establishment of AEC

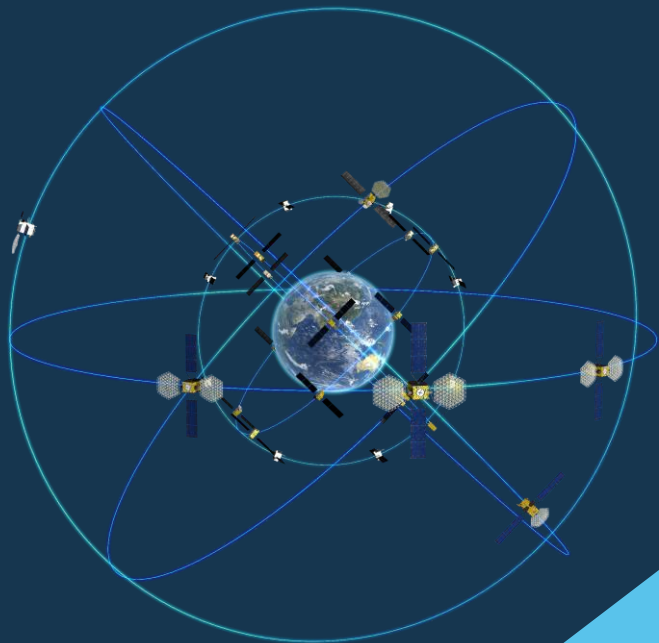
02 Hosting China Satellite  
Navigation Conference

03 Thematic Activities

04 Journal Publication

05 The " Beidou Cup " National Youth Aerospace  
Technology Experience and Innovation Contest





Establishment of  
AEC

01

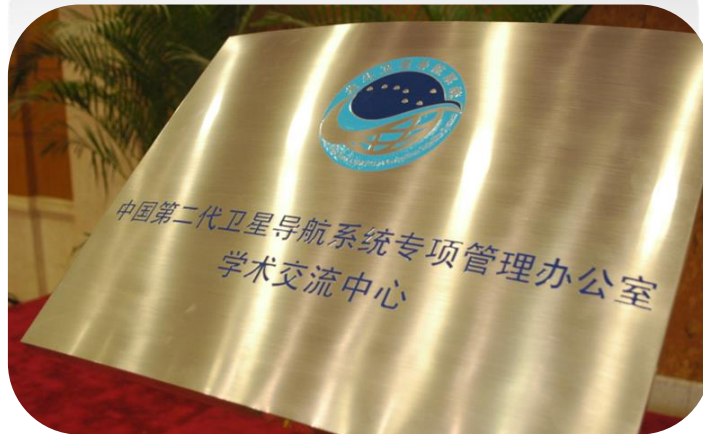


# Establishment of AEC

中国卫星导航系统管理办公室  
学术交流中心

孙家栋

2014年1月10日



**Academic Exchange Center of  
China Satellite Navigation Office**  
was unveiled on **October 17, 2012**.  
Inscription of CSNO-AEC by Academician  
**Sun Jiadong**

CSNO-AEC is dedicated to building a comprehensive communication platform in the field of satellite navigation, providing reliable data, human resources and services various personnel engaged in this field.



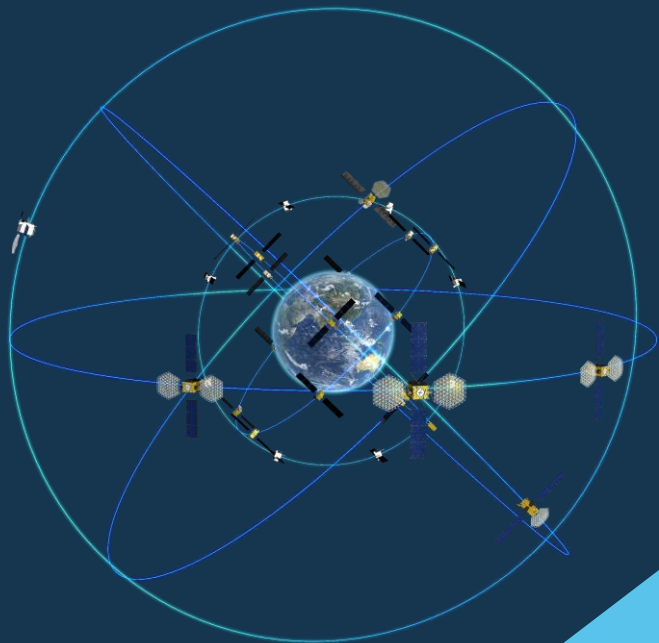
## Establishment of AEC

**China Satellite  
Navigation  
Conference**

**Thematic Activities**

**Academic  
Journals &  
Publications**

**The " BeiDou Cup "  
National Youth  
Aerospace Technology  
Experience and  
Innovation Contest  
(BDC)**



Hosting China Satellite  
Navigation Conference

02



# Hosting China Satellite Navigation Conference



# CSNC

## China Satellite Navigation Conference

Since 2010, we have successfully held 13 CSNCs in Beijing, Shanghai, Guangzhou, Wuhan, Nanjing and other cities.



# Hosting China Satellite Navigation Conference

## Science Popularization

- “BeiDou Cup” National Youth Aerospace Technology Experience and Innovation Contest
- BeiDou Little Stars Are Acting
- Local Popular Science Activities

## CSNE Expo

- Exhibition Area for Enterprises and Research Institutes
- Talent Exchange Area
- Interactive Experience Area
- Interactive Experience Area
- Popular Science Area



## Summit Forums

- Opening Ceremony
- Presentations by GNSS Authorities
- Invited Presentations



## Professional Academic Sessions

- Professional Academic Sessions
- CSNC-ION PANEL
- Paper publication
- Invited Lectures
- Oral Presentation
- Report Posting



## High-end Forums

- Environment Construction
- Cross-Border Integration
- Local Features



北斗之星  
未来之星  
孙承伟  
2020年2月





# Hosting China Satellite Navigation Conference

## Achievement Data

**39805**

Delegates

**5577**

Collected Papers

**1969**

Invited Lectures

**2126**

Oral Presentations

**402**

Young Excellent  
Paper authors

**1648**

Exhibitors and  
exhibiting  
enterprises

**16011**

“BeiDou Cup”  
entries





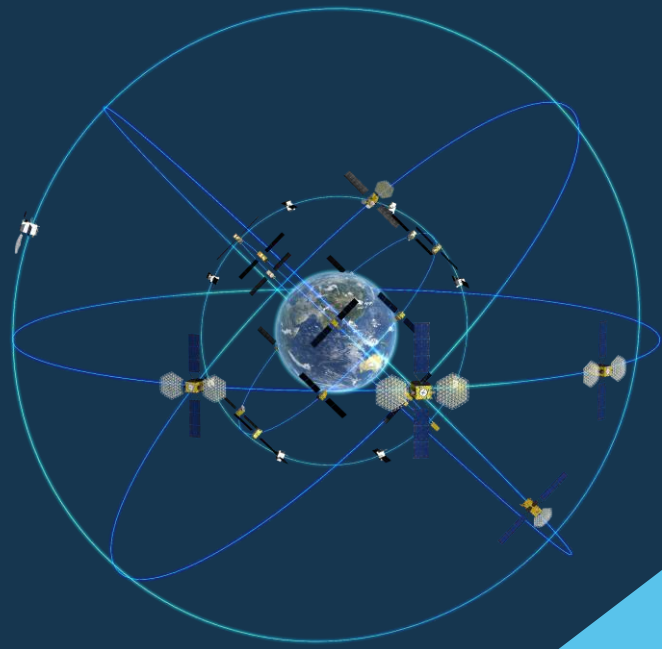
# Hosting China Satellite Navigation Conference



## THE 14<sup>th</sup> CHINA SATELLITE NAVIGATION CONFERENCE

 2024 May

 JINAN · CHINA



Thematic Activities

03



# Thematic Activities

- **High-end Forum**

Experts with high authority in the industry

- **Workshop**

Major professional and technical issues and hot and difficult issues during the development of disciplines and specialties are specially discussed

- **Academic lectures**

Famous domestic and foreign experts share satellite navigation expertise

- **Technology Salon**

Promote the development of satellite navigation



- **Technical Training**

It mainly provides professional technical training for satellite navigation practitioners

- **Popular Science Camp**

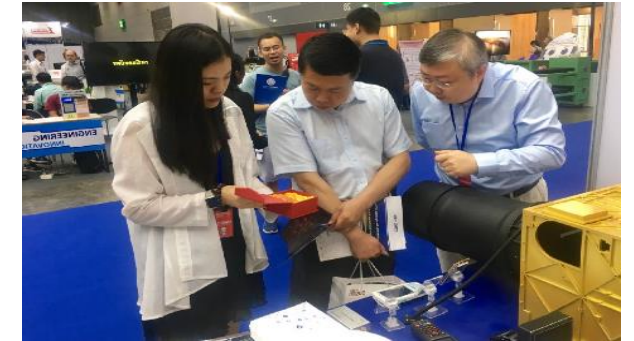
For junior high school and college students



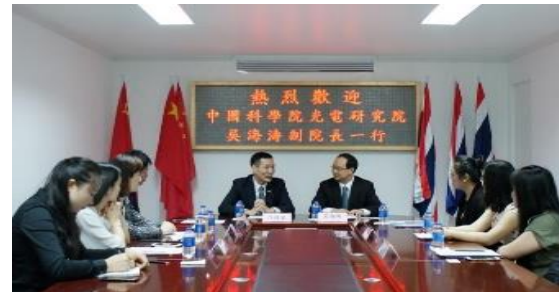
# Thematic Activities



May 2016 seminar



Nov. 2017 Participate in Thailand Industrial Expo



Dec. 2017 Thematic meeting with Thailand about GNSS products and applications



# Thematic Activities

## International Training Workshop on GNSS technologies and applications

- ◆ 6 years, 50 countries & regions, 1000 trainees
- ◆ Trainees establish technology promotion channels with the experts and enterprises in their countries.

- ◆ Set up excellent courses covering both theory and experience
- ◆ Adopt online+offline training mode.

Promote international academic exchanges and technology promotion.





# Thematic Activities

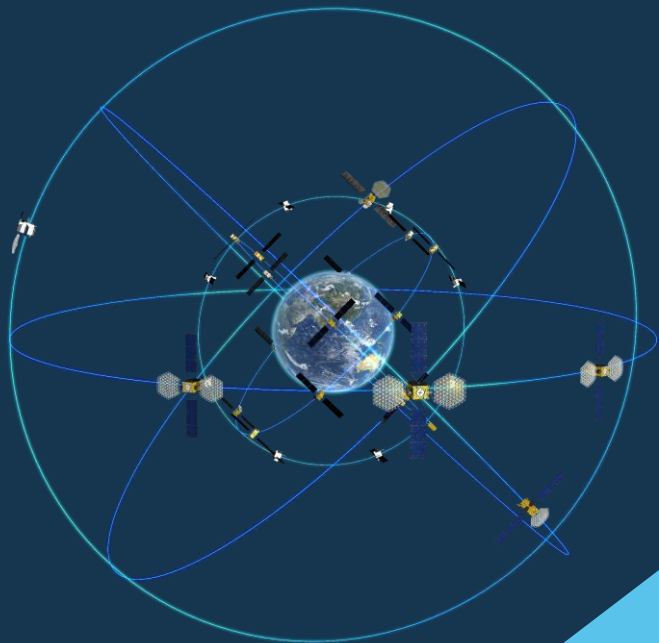
## Future International Exchange and Cooperation

global-facing training center

Overseas technical Incubators

International R&D center





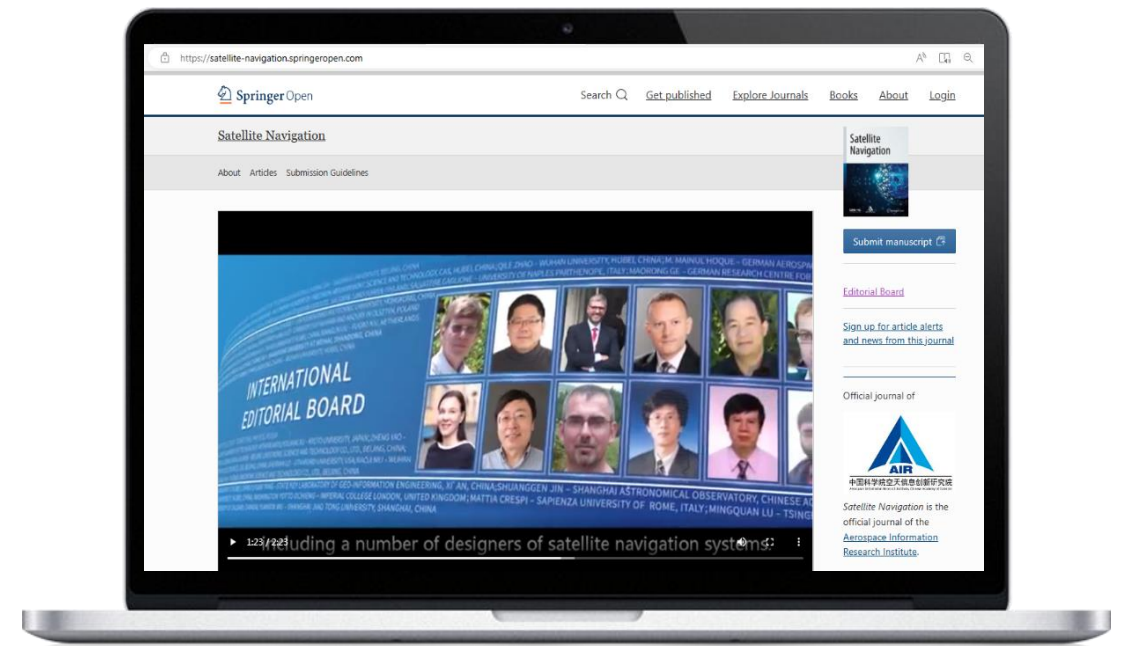
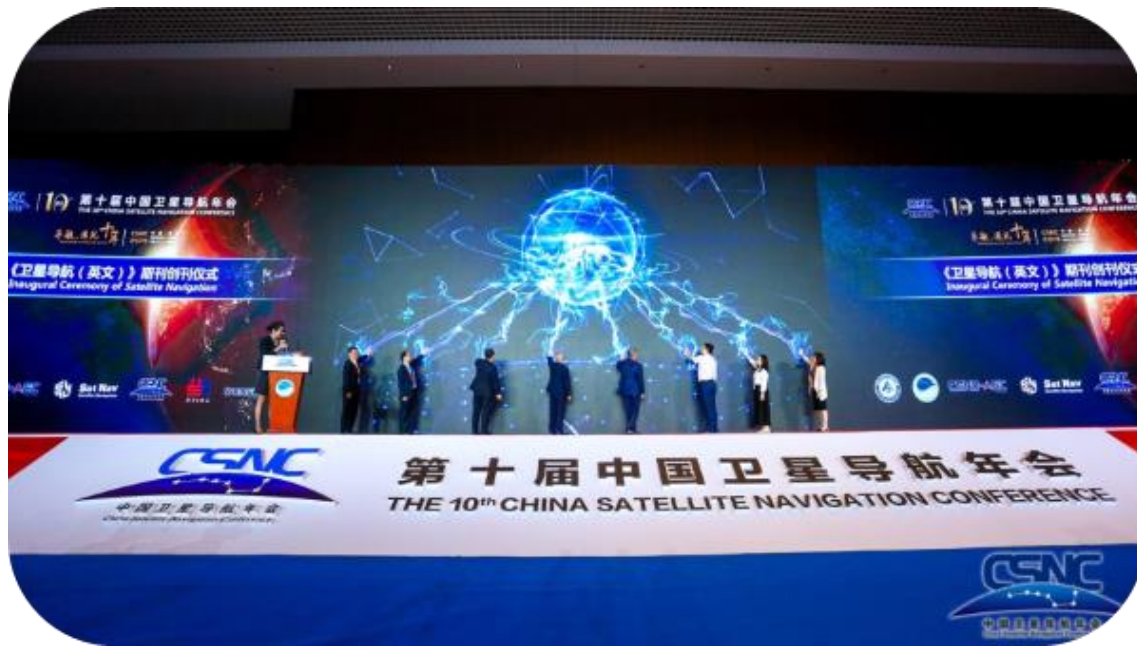
Journal Publication

04



# Journal Publication

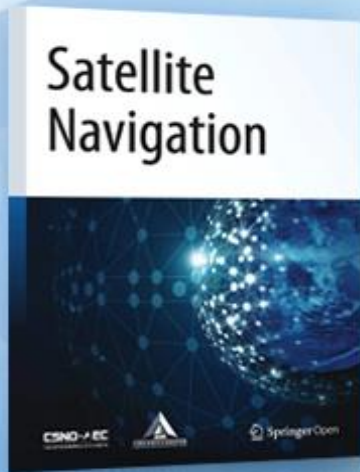
- The first international satellite navigation journal of China to be supported by China Satellite Navigation Conference (CSNC).
- The editorial board consists of more than 40 world-famous experts from 16 countries and regions.





# Journal Publication

## Satellite Navigation



**14.6**   
CiteScore 2022

**11.2**   
Impact Factor 2022

**Launched in 2020**

Indexed by EI, Scopus, ESCI, DOAJ, CSCD, CNKI, etc.

World's Top 2% Scientists 2022 by  
Stanford University

Single Year Impact Ranking



A new open-access journal for the academic exchange on BDS/GNSS launched in 2020, which is indexed by EI, Scopus and ESCI.



@SatellNavig

<https://satellite-navigation.springeropen.com/>

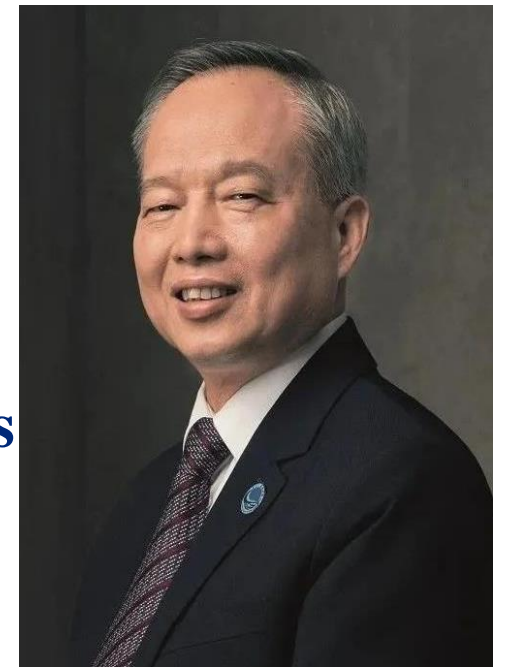




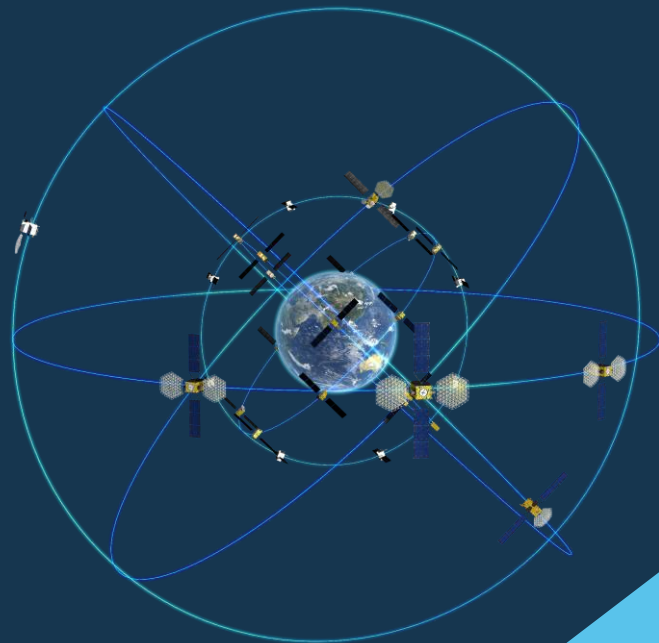
# Journal Publication



- **The first series of books that systematically introduce the achievements of the Beidou Navigation Satellite System**
- **Academician Yang Changfeng acting as chief editor**
- **Including four series: Engineering, Application, Information technology, policies and regulations; a total of 30 volumes has been issued**



**Changfeng Yang**



The "Beidou Cup" National  
Youth Aerospace Technology  
Experience and Innovation  
Contest

05



# The "Beidou Cup" (BDC)

## The "Beidou Cup" National Youth Aerospace Technology Experience and Innovation Contest

Since its launch, the contest has been successfully held for 14 sessions. The number of participants has grown from a few hundreds to the current tens of thousands, and their works are transformed into production every year.

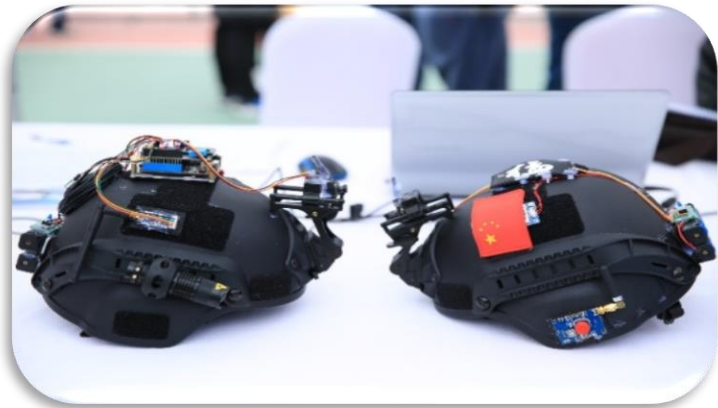
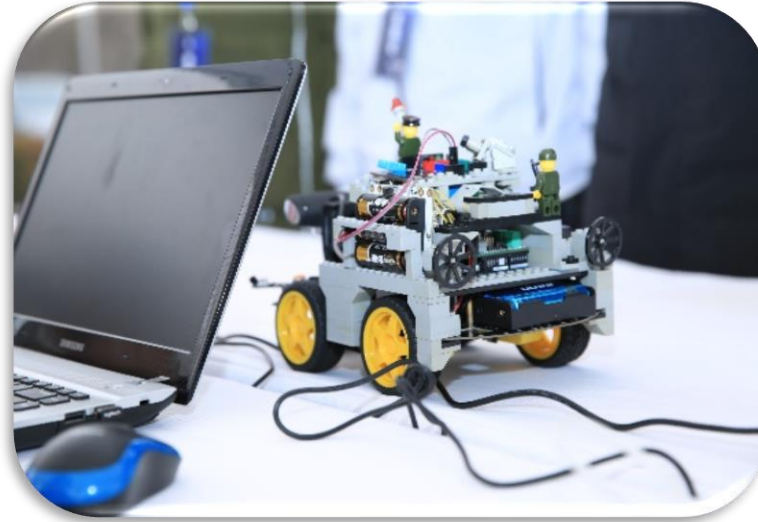
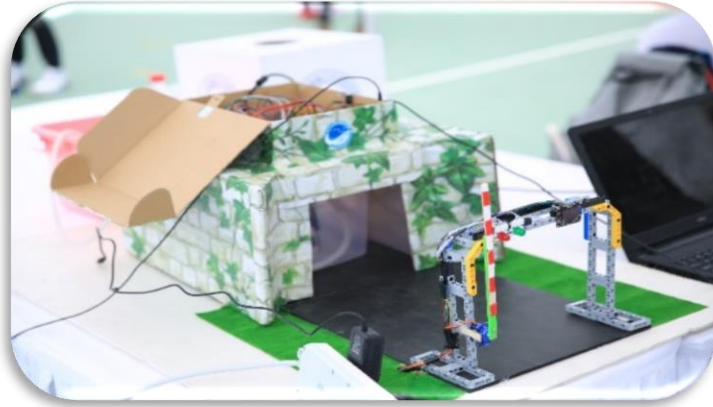


Academician Sun Jiadong wrote an inscription for the competition: "The Beidou is soaring, the Silk Road is leading, and I wish the 'Beidou Cup' competition better and better." Researcher Tan Shusen wrote an inscription for the competition: "May the competition become a starting point for innovation and the pursuit of excellence"

| Year | Location   | Milestone   |
|------|------------|---|
| 2010 | Bei Jing   | Startup Competition Mechanism   |
| 2011 | Shang Hai  | Divided into university group, high school group preliminary and final rounds |
| 2012 | Guang Zhou | Establishing six major sub regions nationwide                                 |
| 2013 | Wu Han     | Joint cooperation   |
| 2014 | Nan Jing   | Launch the "Beidou Inviting Flying" Program                                   |
| 2015 | Xi'An      | Launch International Division   |
| 2016 | Chang Sha  | Launch the Beidou Navigation Dream Activity                                   |
| 2017 | Shang Hai  | Launch the "Beidou Little Nova" Action activities                             |
| 2018 | Harbin     | Launch Hong Kong, Macao, and Taiwan sub regions                               |



# The “Beidou Cup” (BDC)

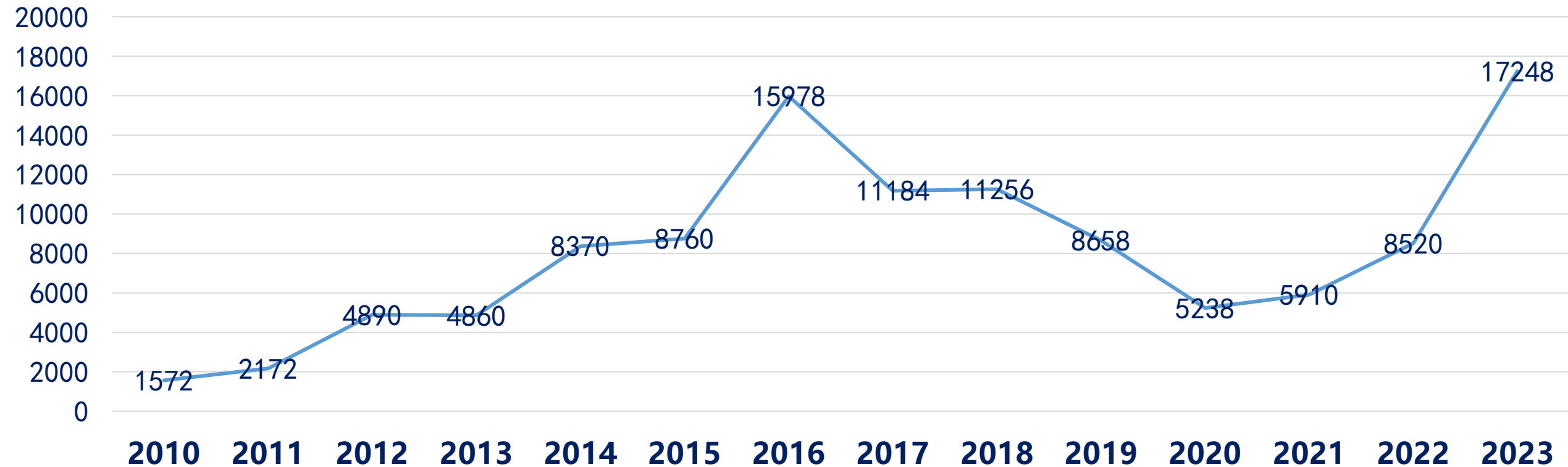


**In March 2017**, the international competition of BDC was officially launched.



# The “Beidou Cup” (BDC)

Cumulative number of teachers and students participating in the competition: 100,000+



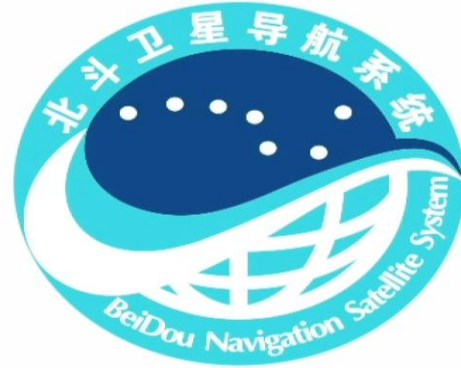
# The "Beidou Cup" (BDC)



**the contest will be focus on:**

- innovating the competition agenda
- science education and popularization
- talent development





中国的北斗 世界的北斗 一流的北斗

BeiDou, a proudly Chinese innovation for the world

Broader stage  
internationally

more synergized  
international academic  
community

exchange ideas and  
develop talents



# THANKS!

[weinahao@163.com](mailto:weinahao@163.com)

China Satellite Navigation Office Academic Exchange Center

