2026 Belt and Road & BRICS Skills Development and Technology Innovation Competition

【AI+ Application Innovation and Security Design Competition】

BRICS2026-ST-143

Technical Regulations

BRICS Business Council Skill Development, Applied Technology and Innovation China Working Group
Organizing Committee Executive Committee of Belt and Road & BRICS Skills Development and Technology Innovation Competition
Formulated by the Expert Group of the Technical Committee

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I. Competition Category Introduction

1.1 Competition Name

Chinese Name: AI+应用创新与安全设计国际赛

English Name: AI+ Application Innovation and Security Design International Competition

Competition Category: Electronics and Information — Artificial Intelligence

Competition Level: China Division International Competition

Competition Groups: Secondary Vocational Group, Higher Vocational Group, Undergraduate Group, Instructor/Staff Group, International Group

1.2 Competition Background and Positioning

This competition is open to software technology, artificial intelligence, computer application technology, information security, and other related disciplines, bringing together outstanding teams from home and abroad to compete on the same stage. The competition focuses on evaluating contestants' full-process engineering delivery capabilities for completing industry applications based on multi-model collaboration, with particular emphasis on the protection design level at three dimensions: data security, model security, and application security. The scoring criteria also

reference China's national standards and internationally recognized software engineering and AI security norms, ensuring that the technical solutions of competing projects possess international comparability and global applicability. The competition requires that each entry must integrate at least two different types of AI models, building intelligent applications with complete functionality, mature architecture, and the ability to effectively defend against common network security risks, ultimately selecting AI application innovation outcomes that are thoroughly developed, secure and trustworthy, and possess global deployment potential and international competitiveness.

1.3 Competition Objectives

As the core technology of the new round of scientific and technological revolution, artificial intelligence has become a major engine of global technological innovation and economic development. Major countries around the world have elevated artificial intelligence to the level of national strategy, accelerating deployment and promoting the internationalization of AI technical standards and the deep integration of industrial intelligence.

With the proliferation of AI technology and the widespread adoption of large-model programming tools today, AI applications

across various industries are rapidly emerging. However, a large number of applications that are rapidly generated yet lack systematic security review generally lack systematic consideration of network security, leading to frequent security incidents such as model data leakage, API key exposure, prompt injection attacks, and unauthorized access. The security of AI applications has escalated from an 'optional item' to a 'mandatory requirement,' becoming a critical bottleneck constraining the large-scale and secure deployment of the AI industry.

Against the backdrop of the BRICS countries and the 'Belt and Road' Initiative, to cultivate a new generation of internationalized talents, promote global industrial coordinated development, and facilitate the exchange and alignment of AI application development norms and technical standards internationally, this competition has specially established the 'AI+ Application Innovation and Security Design' event. The competition focuses on the professional directions of artificial intelligence, computer application technology, and information security, aiming to identify and cultivate a cohort of high-quality interdisciplinary talents who possess solid AI development skills and systematic security thinking, serving the secure and sustainable development of the global digital

economy.

1.4 Knowledge and Skills Requirements for Contestants

Domain / Area	Specific Requirements
AI Model Awareness	Understand the basic principles, applicable scenarios, and invocation methods of at least two types of AI models, including but not limited to: Large Language Models (LLM), Automatic Speech Recognition (ASR), Text-to-Speech (TTS), Visual Recognition/Segmentation, Image Generation, OCR, Anomaly Detection, and Retrieval-Augmented Generation (RAG).
Programming Fundamentals	Master one primary development language; be familiar with API invocation, JSON data processing, and front-end/back-end interaction.
Network and Security Fundamentals	Understand communication protocols, identity authentication mechanisms, encryption principles, and common web security risks.
Software Engineering	Understand requirements analysis, system design, module decomposition, coding standards, exception handling, and fault tolerance

	mechanisms.
AI Programming	Integrate the above content, and through prompt engineering, produce an application with a complete front-end/back-end architecture capable of addressing pain points in specific scenarios, while ensuring the application is secure and usable.
International Collaboration	Ability to read English technical documentation and conduct project presentations and defense in English (for international teams).

II. Competition Content

This competition takes 'AI + Industry Applications' as its core, conducting dual assessments of contestants' engineering development capabilities and security protection capabilities, and promoting the upgrading of AI applications from 'usable' to 'secure, reliable, and architecturally mature.' The main contents are as follows:

2.1 Multi-Model Collaborative Development and Delivery

Contestants must integrate at least two types of AI models in their projects and complete the development and delivery of intelligent applications in combination with real industry needs.

2.2 AI Application Security Protection

In response to the security risks commonly present in current AI applications, contestants shall construct a systematic security protection scheme for their projects from three dimensions: data security, model security, and application security.

2.3 Evaluation Dimensions

The evaluation dimensions comprise comprehensive scoring across five dimensions: Scenario Functional Completeness, AI Model Optimization Design, Security Protection Level, Innovation Design Level, and Presentation Level.

III. Competition Format

3.1 Competition Format and Team Composition

(1) This competition is a project demonstration competition, with a total demonstration duration of 15 minutes.

(2) This event is a team competition; each team consists of 1–3 contestants and 1–2 instructors. The competition adopts a unified format and separate management model for domestic and international teams: domestic teams register through their institutions or enterprises, with each institution (including secondary vocational, higher vocational, and undergraduate institutions) is limited to a

total of no more than 4 teams, of which the number of Instructor/Staff Group teams must not exceed 2; the Secondary Vocational Group, Higher Vocational Group, and Undergraduate Group may each register a maximum of 4 teams, but all must fall within the institution's overall quota. Enterprise units may register no more than 2 teams in total, restricted to the Instructor/Staff Group only. Full-time enrolled students and in-service faculty of technical colleges, secondary vocational, higher vocational, and undergraduate institutions, as well as enterprise technical personnel, are eligible to register. International teams must consist of full-time enrolled students registered at educational institutions in their respective countries or in-service personnel working as faculty or enterprise technical staff.

(3) Once the registration of contestants and instructors is confirmed, no arbitrary substitutions shall be made. If a participant is unable to compete due to circumstances arising during the preparation period, a written application bearing the official seal must be submitted at least 10 working days before the event commences. Upon verification by the Competition Organizing Committee Office, the substitution may be approved; otherwise, the team shall be deemed to have voluntarily forfeited participation. After the competition

begins, no substitution of team members shall be permitted.

3.2 Competition Phases

(1) Preliminary Round: Organized and implemented by each divisional organizing committee based on the registration situation in its division. If the host institution or operating unit is unable to host an offline preliminary round due to limited conditions, the Competition Organizing Committee will adopt online review methods and conduct selection upon approval.

The format of each regional selection round shall be subject to the specific regional selection round notice.

(2) Final Round: The Final Round shall strictly adopt an offline roadshow format. Teams advancing to the Finals must submit the complete project source code to the designated platform one week before the Finals commence. The Organizing Committee will use the official code security inspection tool to perform automated scanning and generate a security assessment report as a reference basis for referee evaluation. Each team's demonstration shall not exceed 15 minutes in total.

Teams advancing to the Finals shall be determined based on the final recognition documents and advancement lists issued by each regional selection round.

3.3 Division Setup

(1) The competition establishes eight divisions in total: North China, Northeast China, East China, Central China, Northwest China, Southwest China, Greater Bay Area, and ASEAN. Based on the registration status of teams in each division, the Organizing Committee will initiate regional selection mechanisms in due course; when the number of registered teams in a single division exceeds the prescribed limit, the division will conduct preliminary round selection, with the best teams advancing to the Finals. Meanwhile, each participating unit is encouraged to organize its own institutional-level selection rounds for preliminary screening in accordance with the competition notice and technical regulations.

(2) The Greater Bay Area Division includes Guangdong Province, Hainan Province, Hong Kong Special Administrative Region, and Macao Special Administrative Region. The registration, preliminary round, and advancement procedures for teams from Hong Kong and Macao within this division shall be uniformly implemented with reference to the mainland divisions. Any special arrangements shall be separately notified.

(3) The ASEAN Division includes Guangxi Zhuang Autonomous Region and 10 Southeast Asian countries (Malaysia, Thailand, Vietnam,

Singapore, Indonesia, the Philippines, Myanmar, Cambodia, Laos, and Brunei). Institutions within Guangxi Zhuang Autonomous Region are assigned to the ASEAN Division to compete against teams from Southeast Asian countries.

Division Assignment Table:

Division	Coverage Area
North China Division	Beijing, Tianjin, Hebei, Shanxi, Inner Mongolia
Northeast China Division	Liaoning, Jilin, Heilongjiang
East China Division	Shanghai, Jiangsu, Zhejiang, Anhui, Fujian, Jiangxi, Shandong
Central China Division	Henan, Hubei, Hunan
Northwest China Division	Shaanxi, Gansu, Qinghai, Ningxia, Xinjiang, Tibet
Southwest China Division	Chongqing, Sichuan, Guizhou, Yunnan
Greater Bay Area Division	Guangdong, Hainan, Hong Kong Special Administrative Region, Macao Special Administrative Region

ASEAN Division	Guangxi Zhuang Autonomous Region + ASEAN countries: Malaysia, Thailand, Vietnam, Singapore, Indonesia, the Philippines, Myanmar, Cambodia, Laos, Brunei, and other countries

3.4 Final Round Scale

The estimated scale of the Final Round is 100–120 teams, each consisting of 1–3 contestants with 1–2 designated instructors, with an expected total number of participants of approximately 300. This scale includes a certain number of international teams (primarily from ASEAN and 'Belt and Road' countries). International teams shall participate jointly with domestic teams in the Final Round evaluation and award determination, without separate award categories. The Organizing Committee shall dynamically adjust the quota for international teams based on actual registration conditions, ensuring that the total Final Round scale is controlled within 100–120 teams.

IV. Competition Procedures

4.1 Preliminary Round Procedures

The Preliminary Round shall be organized and implemented by each divisional organizing committee, which shall, in principle, adopt

an offline centralized review format. If the divisional host institution or operating unit is unable to host an offline preliminary round due to limited conditions, the Competition Organizing Committee shall uniformly adopt online review methods, and each division must ensure that the preliminary round is completed on schedule.

(1) Division Launch and Notice Issuance: Each divisional organizing committee shall issue a preliminary round notice, specifying the registration deadline, project submission requirements, and the organizational format of the preliminary round.

(2) Registration and Project Submission: Participating teams shall, in accordance with the divisional requirements, complete registration within the specified period and submit materials, including a project description document, program source code, and a specialized security architecture design manual.

(3) Formal Review: The divisional organizing committee shall review the eligibility of registration as well as the completeness and compliance of all submitted materials, and shall announce the list of valid participating teams.

(4) Judging Organization: Divisions with offline hosting

capabilities shall organize experts for on-site centralized review, which may include project demonstration and defense sessions. Divisions without such capabilities shall be subject to a centrally organized online review by the Competition Organizing Committee, covering material review, video evaluation, and online defense,all conducted via the designated platform.

(5) Score Evaluation and Public Announcement: Review experts shall score in accordance with the competition's unified technical regulations and scoring criteria, determine the list of teams from the division advancing to the International Finals, and announce it through designated channels.

(6) Advancement List Reporting: After the public announcement period concludes without objections, each division shall submit the list of teams advancing to the International Finals to the Competition Organizing Committee for record-filing.

4.2 Final Round (International Finals) Procedures

The Final Round, which serves as the International Finals of this competition, shall be attended by teams advancing from all divisions: North China, Northeast China, East China, Central China, Northwest China, Southwest China, Greater Bay Area, ASEAN, and shall be strictly conducted in an offline roadshow format.

(1) Team Check-in: Participating teams shall arrive at the Final Round host venue at the designated time, complete check-in procedures, and collect their competition credentials, materials, and schedule arrangements.

(2) Team Leader Meeting and Pre-Competition Venue Familiarization: A team leader meeting shall be convened to explain competition rules, scoring criteria, venue discipline, and important notices; following the meeting, teams shall be uniformly organized to familiarize themselves with the venue environment and equipment.

(3) Opening Ceremony: The competition Opening Ceremony shall be held.

(4) Official Competition: Based on the draw order, each team shall enter the venue in sequence to conduct a project roadshow and Q&A. Each team's total demonstration duration shall not exceed 15 minutes.

(5) Security Assessment: One week before the Final Round commences, each team must submit the complete project source code to the designated platform. The Organizing Committee shall use the official code security inspection tool to perform automated scanning, and the assessment report shall be provided to judges

for reference before the roadshow begins.

(6) Expert Judge Evaluation: Judges shall conduct comprehensive scoring based on roadshow performance, project quality, innovativeness, and the security assessment report.

(7) Score Evaluation and Public Announcement: After all teams have completed their roadshows, the Organizing Committee shall aggregate, verify, and record scores, and publicly announce the results within the prescribed period.

(8) Closing and Award Ceremony: The Closing and Award Ceremony shall be held, announcing the award list and presenting awards.

4.3 Final Round Schedule

The specific competition schedule shall ultimately be subject to the competition notice released. The specific competition dates and formal competition organizational arrangements shall be uniformly notified and announced by the Organizing Committee.

International Finals Competition Schedule and Procedures (subject to the final notice issued):

Date	Time	Content
One Day Before Competition	08:00 - 14:00	Team check-in, accommodation arrangements, and collection of materials
	14:00 - 15:00	Team leader meeting, competition briefing

	15:00－16:00	Venue tour and familiarization
	16:00－17:30	Competition Opening Ceremony
	17:30	Inspection and closure of the venue
Competition Day	08:00－08:50	Contestant check-in, identity verification
	08:50－09:00	Announcement of competition notes, inspection, and confirmation of workstation equipment, tools, and materials
	09:00－12:00	Competition
	13:30－16:30	Competition
	16:30－19:00	Score evaluation, score aggregation, score verification, data entry, and decryption
	19:00－21:00	Score announcement
One Day After Competition	08:30－12:00	Closing and Award Ceremony

V. Competition Questions

5.1 Competition Question Type and Content

This event is an open-topic roadshow demonstration competition. Participating teams shall independently select a real industry scenario and develop an intelligent application integrating at least two different types of AI models (e.g., Large Language Model + Visual Recognition, Automatic Speech Recognition + OCR, etc.), and systematically implement security protection design across three dimensions: data security, model security, and application security. The final presentation shall be conducted on-site in the format of '10-minute demonstration + 5-minute Q&A.'

5.2 Topic Selection Directions

Topic selection directions include but are not limited to: smart education, smart manufacturing, smart healthcare, digital government, cross-border e-commerce, smart agriculture, and others. It is encouraged to select niche scenarios with social value or industry deployment potential. International teams are encouraged to select cross-border scenarios, such as cross-border trade AI compliance review, multilingual intelligent education platforms, international supply chain security inspection, etc., demonstrating the value of AI applications in global collaboration.

5.3 Project Constraints and Submission

Model Constraints: The project must integrate at least two different types of AI models, including but not limited to the following models (local deployment or cloud invocation are both acceptable): Large Language Model (LLM), Automatic Speech Recognition (ASR) model, Text-to-Speech (TTS) model, Visual Recognition model (image classification, object detection, segmentation), Image Generation model, OCR Text Recognition model, Retrieval-Augmented Generation (RAG) model, recommendation/ranking model.

Security Requirements: The project shall demonstrate adequate

security design across three dimensions: data security, model security, and application security. Contestants must deeply consider how to build an effective security protection system for their AI application. All core functions must be demonstrated live and authentically; the use of screen recordings or simulated data is prohibited.

Competition Duration and Sessions: The total competition duration (including preparation, evaluation, presentation, and in-depth technical defense) shall be no less than 8 hours. For the Final Round roadshow, each team shall have 10 minutes for demonstration + 5 minutes for Q&A, strictly timed. For outstanding teams, the judges may add a 10-minute in-depth technical defense session, focusing on product innovation, deployment planning, completeness of security design, model tuning details, and industry deployment. Automated scanning shall be conducted centrally one week before the finals. During the Finals, 10% of teams shall be randomly selected for on-site security functionality testing (5 minutes per team).

Project Submission (submitted to the designated platform one week before the competition begins): program source code, project description document, and specialized security architecture design

manual.

VI. Scoring Scheme

6.1 Scoring Principles

Adhering to the principles of 'scientific rigor and objective fairness,' a combination of result-based scoring, security scan scoring, and on-site roadshow scoring shall be adopted. Encrypted judging shall be implemented: participating teams shall obtain a unique 'Contestant Number' through a draw, and judges shall score solely based on this number, which must not be decrypted until scores are announced. In the event of equal total scores, the following shall be compared in sequence: Security Protection Level > Scenario Functional Completeness > AI Model Optimization Design > Innovation Design Level > Presentation Level.

6.2 Scoring Table (Maximum Score: 100 Points)

Scoring Item No.	Scoring Item Name	Score	Module Weight
1	Scenario Functional Completeness	30 points	30%
2	AI Model Optimization Design	20 points	20%
3	Security Protection Level	25 points	25%

4	Innovation Design Level	10 points	10%
5	Presentation Level	15 points	15%
Total		100	100%

6.3 Disqualification Items

Integration of fewer than 2 AI model types → Scenario Functional Completeness sub-item scored as 0 points.

Failure to submit complete source code on time, rendering security scanning impossible → The Security Protection Level module scored at 0 points.

Discovery of plagiarism, shell packaging, or fake demonstrations → Cancellation of award eligibility.

6.4 International Team Scoring Notes

International teams and domestic teams shall use the same set of scoring criteria, be merged into ranking, and have awards determined uniformly by proportion. For teams presenting in English, judges shall be provided with translation assistance or bilingual-capable judges shall officiate to ensure fairness.

VII. Competition Rules

7.1 Contestant Registration

(1) Contestant Eligibility: This event is a team competition

(1–3 persons per team), open to full-time enrolled students of domestic and international higher education institutions and vocational colleges, as well as in-service faculty and enterprise technical personnel in relevant disciplines. Contestants are not restricted by gender or age. International teams shall enjoy the same competition rights and evaluation standards as domestic teams. Each team may designate 1–2 instructors.

(2) Registration Method: This event accepts registration by institution or enterprise unit. Each institution (including secondary vocational, higher vocational, and undergraduate institutions) is limited to a total of no more than 4 teams, of which the number of Instructor/Staff Group teams must not exceed 2; the Secondary Vocational Group, Higher Vocational Group, and Undergraduate Group may each register a maximum of 4 teams, but all must fall within the institution's overall quota. Enterprise units may register no more than 2 teams in total, restricted to the Instructor/Staff Group only. International teams may submit applications through the competition's international registration channel, and registration materials must be provided in both Chinese and English.

(3) Eligibility Verification: Each registering unit shall be

responsible for verifying the eligibility of its own participants and shall retain copies of relevant supporting documents for inspection. International teams must provide proof of their enrollment or employment from their institution or organization (including English translation), which shall be uniformly verified by the Competition Organizing Committee's International Event Coordination Group.

(4) Personnel Changes: Once the registration of contestants and instructors is confirmed, no arbitrary substitutions shall be made. If a participant is unable to compete due to circumstances arising during the preparation period, a written application (international teams must submit a written application in both Chinese and English) must be submitted at least 10 working days before the event commences. Upon verification by the Competition Organizing Committee Office, the substitution may be approved; otherwise, the team shall be deemed to have voluntarily forfeited participation. After the competition begins, no substitution of team members shall be permitted.

Note: International teams may use English throughout the registration, project submission, and defense sessions. The Competition Organizing Committee shall provide necessary bilingual

event documentation and technical support to ensure a positive experience and fair evaluation for international contestants.

7.2 Pre-Competition Preparation and Draw Encryption

(1) Team Leader Meeting and Draw Encryption: The Organizing Committee shall convene a team leader meeting after check-in concludes, announcing competition rules and discipline. A unified draw shall be organized at the meeting, and the drawn result shall serve as the team's sole identity identifier (sequence number) throughout the entire competition. The draw shall determine the roadshow presentation order. The draw itself constitutes encryption: the sequence number generated by the draw shall be the team's 'Contestant Number.' After the draw is completed, the Organizing Committee shall immediately seal the correspondence table linking sequence numbers to actual team names and submit it to the Supervision and Arbitration Panel for safekeeping. This table shall not be disclosed until scoring is concluded, ensuring that judges score solely based on 'Contestant Number' — this constitutes 'first-level encryption.'

(2) Venue Familiarization and Equipment Debugging: The Organizing Committee shall uniformly arrange for each team to familiarize themselves with the venue in an orderly manner and

provide unified equipment debugging and network testing time. Teams must, within the designated time period and in the designated area, test the projection, audio, network connectivity, and demonstration program operation of their own laptop computers. During the debugging period, competition regulations must be strictly observed: no entry into the formal competition area, no photography or videography, and no irrelevant communication with staff is strictly prohibited; maintain quietness; crowding, loud noise, and horseplay are strictly prohibited.

7.3 Submission of Competition Documents

Teams must submit all electronic documents to the Organizing Committee one week before the official competition begins, including: program source code, project description document (PDF), and specialized security architecture design manual. In all submitted documents, any identifiable information such as institution names, team names, member names, or instructor names is strictly prohibited; documents shall only be attributed using the 'Contestant Number' obtained at the time of registration. Late submission, incomplete submission, or non-compliant attribution shall result in forfeiture of competition eligibility. The Organizing Committee shall use the official code security inspection tool to perform automated scanning

of the submitted source code and generate a security assessment report, which shall directly serve as the basis for the Security Protection Level score.

7.4 Competition Entry and Identity Verification

(1) Check-in and Identity Concealment: Contestants must present their competition pass, identity card, and student ID (work certificate for the Instructor/Staff Group) and arrive at the designated assembly point 30 minutes before the official competition begins. Staff shall verify each contestant's identity one by one and confirm the 'Contestant Number.' After check-in, all identifying information (institution name, team name, logo, etc.), on contestants' personal belongings, clothing, and self-provided equipment must be covered or removed; otherwise, entry shall be denied.

(2) Entry Regulations: Contestants shall enter the venue in sequence according to the draw order. Those arriving 15 minutes after the official competition begins shall be deemed to have voluntarily forfeited their competition eligibility and shall not be permitted to enter. Starting 30 minutes before the competition ends, teams that have completed their roadshow may leave the venue early.

(3) Item Carriage Regulations: Apart from communication and storage devices prohibited by the competition, contestants are permitted to bring their own laptop computers, printed materials, product samples or models, and other auxiliary display items onto the stage. All carried items must also comply with the identity concealment regulations. The venue provides basic display facilities such as projection and audio systems.

7.5 Demonstration and Defense Process

(1) Process and Duration: The competition adopts a '10-minute demonstration + 5-minute Q&A' format. The Chief Referee may extend the Q&A time at their discretion based on the on-site Q&A situation. Timing begins from the moment contestants step onto the stage and begin their presentation or demonstration. One minute before the demonstration ends, staff shall signal with a sign board; at the end time, a countdown bell or sign board shall signal termination, at which point contestants must immediately cease their demonstration and proceed to the Q&A session. Overtime shall result in point deductions according to the scoring criteria.

(2) Anonymous Demonstration Regulations: Throughout the demonstration and defense, contestants may only refer to themselves using their 'Contestant Number' and must not disclose

any identifying information such as institution or name. Violations shall be treated as cheating.

(3) Team Collaboration and Prohibited Matters: Normal communication and coordination among team members on stage are permitted. Any form of interaction between contestants on stage and team leaders, instructors, or assistants off stage — such as gestures, sign boards, or information transmission — is strictly prohibited. Team leaders and instructors must not accompany contestants on stage, must remain seated in the designated area, and must not enter the venue to provide any assistance throughout the entire process.

(4) Competition Discipline: Contestants must follow the unified commands of the referees. Throughout the demonstration and Q&A, contestants must not arbitrarily leave the designated area or communicate with other teams. In the event of equipment or process issues, contestants must raise their hand to signal the referee and obtain the referee's permission before addressing the issue; otherwise, it shall be treated as cheating.

(5) Fault Handling: If a demonstration is interrupted or on-site equipment is damaged due to contestant-related reasons, the contestant shall bear responsibility. If an interruption

occurs due to non-contestant factors (such as venue power supply or audio/projection malfunctions), the Chief Referee shall adjudicate based on the circumstances and may grant a pause in timing or reschedule the team to the last presentation slot of the day.

(6) On-Site Order: During the competition, no personnel other than referees, technical staff, and the contestants currently presenting may enter the competition area without approval, including contestants in the waiting area. No observation area shall be set up; teams must wait in the designated waiting area.

7.6 Competition Conclusion and On-Site Wrap-Up

(1) Departure Confirmation: After the roadshow is completed and the defense session is concluded, contestants must reset the equipment provided by the Organizing Committee and organize their personal belongings. They may leave the venue only after the referee's inspection and approval, and upon their confirmation by signature.

(2) Item Control: Contestants must not take any competition-related printed materials, score sheets, referee records, or other items out of the venue. Contestants must cooperate with the referee in documenting the venue situation and

jointly sign for confirmation; refusal to sign is not permitted.

7.7 Civilized Participation and Confidentiality

(1) Confidentiality Commitment: Given that the roadshow content involves commercial creativity, all contestants must sign a confidentiality commitment prior to the competition.

(2) Prohibition of Unauthorized Recording: Audio recording, video recording, or live streaming by contestants and spectators within the venue is strictly prohibited to prevent creative idea leakage.

(3) Information Release and Interview Discipline: No contestant may accept interviews from any unit or individual without the approval of the Event Organizing Committee, nor arbitrarily release competition-related information through the internet, media, or any other channels during the competition period and before the announcement of scores. Violators shall, depending on the severity of the circumstances, be subject to penalties including disqualification from the competition, cancellation of competition results, and notification of criticism.

(4) Media Entry: News media personnel entering the venue must obtain explicit permission from the Competition Venue Leadership

Group and follow the arrangements of on-site staff, without affecting the normal progress of the competition.

(5) Contestant Departure Management: During the competition, contestants must not leave the designated area without authorization. Any exceptional circumstances must be approved by the referee. Water breaks, restroom visits, etc., by contestants shall be uniformly counted within the competition time without separate arrangements.

(6) Information Transmission: Contestants from different teams must not transmit information in any of the following manners: passing notes, gestures, oral messages, etc.

(7) Other Matters: Any other matters not covered herein or emergencies shall be interpreted or decided by the Competition Organizing Committee.

7.8 Technical Verification Mechanism

(1) Model Integration Verification: On-site verification of consistency between the system's model invocation chain and the documentation description, confirming no fewer than 2 model types.

(2) Security Scan Re-Verification: The Organizing Committee shall run the official security inspection tool based on the

submitted source code, display the security report on-site, and verify any deduction items.

(3) Security Functionality Testing: On-site verification that permission controls, data protection, AI interface management, and log audit functions are genuinely operational; no destructive attack testing shall be conducted throughout the entire process.

(4) Code-Demonstration Consistency Check: Randomly selected functional points shall be checked for consistency between the demonstration content and the source code implementation to prevent fake demonstrations.

7.9 Score Evaluation and Announcement

(1) Score Composition: Judges shall conduct independent scoring based on the scoring criteria and the teams''Contestant Number.' Scoring dimensions comprehensively reference: on-site roadshow performance (project exposition, application value, functional completeness, etc.), technical report quality (architecture design, innovativeness, documentation compliance, etc.), and the network security inspection report (professional inspection results provided by the technical group).

(2) Scoring Method: After the competition, the Organizing

Committee shall aggregate the scores from all judges and calculate the arithmetic mean as the final score.

(3) Score Decryption and Review: After the Supervision and Arbitration Panel has verified all scores without errors, the sealed 'Correspondence Table of Contestant Numbers and Actual Team Names' shall be unsealed, score decryption shall be completed, and number-based scores shall be mapped to each team's final scores. For disputed scores, the Arbitration Panel shall initiate a review procedure, and its ruling shall be final. The correspondence table of Contestant Numbers and actual team names for international teams shall likewise be sealed by the Supervision and Arbitration Panel, and after decryption, scores shall be merged into the overall ranking.

(4) Score Announcement: The final score sheet, signed and confirmed by the Chief Referee and the Supervision and Arbitration Panel, shall be entered and printed by the information officer of the host institution. Scores shall be uniformly announced at the Closing Ceremony, at which point team names and their corresponding scores shall be disclosed.

(5) Public Announcement and Appeal Procedure: After the score announcement, a 2-hour on-site public announcement period shall

be established. During this period, teams that have objections to their scores may submit a written appeal to the Supervision and Arbitration Panel through their team leader. The ruling of the Arbitration Panel shall be final. No appeals shall be accepted beyond the public announcement period.

VIII. Technical Specifications

These technical specifications serve as the scoring basis for the 'AI+ Application Innovation and Security Design Competition (China Division International Competition),' targeting participating teams globally. Entries shall be evaluated from an open and integrative perspective, covering development compliance, technical maturity, and security protection capabilities. The standards framework is composed of China's national standards and internationally recognized standards, encompassing three major areas: software engineering process specifications, AI application development specifications, and AI application security. The organic integration of domestic and international standards ensures that competing projects meet local compliance requirements while fully aligning with internationally accepted development norms and security guidelines, genuinely fulfilling the authoritative evaluation positioning of this event as a 'China Division

International Competition.'

8.1 Software Engineering and Process Specifications

No.	Standard Number	Chinese Standard Name
1	GB/T 8566-2022	Systems and Software Engineering — Software Life Cycle Processes
2	GB/T 8567-2006	Specification for Computer Software Documentation
3	GB/T 31102-2025	Systems and Software Engineering — Software Engineering Body of Knowledge
4	GB/T 15532-2008	Specification for Computer Software Testing
5	ISO/IEC/IEEE 12207:2017	Systems and Software Engineering — Software Life Cycle Processes
6	ISO/IEC/IEEE 29148:2018	Systems and Software Engineering — Life Cycle Processes — Requirements Engineering
7	ISO/IEC 25010:2011	Systems and Software Engineering — Systems and Software Quality Models

8.2 Artificial Intelligence Application Development Specifications

No.	Standard Number	Chinese Standard Name
1	GB/T 41867-2022	Information Technology — Artificial Intelligence — Terminology
2	GB/T 43782-2024	Artificial Intelligence — Technical Requirements for Machine Learning Systems
3	GB/T 45288.1-2025	Artificial Intelligence — Large Models — Part 1: General Requirements
4	GB/T 45288.2-2025	Artificial Intelligence — Large Models — Part 2: Evaluation Metrics and Methods
5	GB/T 45225-2025	Artificial Intelligence — Evaluation of Deep Learning Algorithms
6	GB/T 45628-2025	Artificial Intelligence — Knowledge Graph — Knowledge Exchange Protocol
7	ISO/IEC 22989:2022	Information Technology — Artificial Intelligence — Concepts and Terminology
8	ISO/IEC 23053:2022	Information Technology — Artificial

		Intelligence — Framework for AI Systems Using Machine Learning
9	ISO/IEC 42001:2023	Information Technology — Artificial Intelligence — Management System

8.3 Artificial Intelligence Application Security Specifications

No.	Standard Number	Chinese Standard Name
1	GB/T 45654-2025	Cybersecurity Technology — Basic Security Requirements for Generative Artificial Intelligence Services
2	GB/T 45958-2025	Cybersecurity Technology — Security Framework for Artificial Intelligence Computing Platforms
3	GB 45438-2025	Cybersecurity Technology — Methods for Identifying Artificial Intelligence Generated and Synthetic Content
4	GB/T 46796-2025	Data Security Technology — Methods for Monitoring Data Interface Security Risks
5	GB/T 45392-2025	Data Security Technology — Security Requirements for Automated Decision-Making Based on Personal Information
6	GB/T 22080-2025	Cybersecurity Technology — Information Security Management Systems — Requirements
7	ISO/IEC 27001:2022	Information Security, Cybersecurity and Privacy Protection — Information Security Management Systems — Requirements
8	ISO/IEC 23894:2023	Information Technology — Artificial Intelligence — Guidance on Risk Management
9	ISO/IEC 27701:2019	Privacy Information Management System — Requirements and Guidance for Use

IX. Competition Environment, Facilities, and Venues

(1) The competition venue shall be a flat-floored, well-ventilated, and well-lit indoor space with a floor area of no

less than 400 square meters (adjustable based on the number of teams), with a ceiling height of no less than 3.5 meters, ensuring good natural lighting (>500 lux), artificial illumination, and ventilation.

(2) The venue shall be divided into clearly defined functional zones, including at minimum: a Roadshow Presentation Area, a Team Waiting Area, a Judges' Work Area, and a Technical Support Area. Adequate spacing shall be maintained between zones to avoid mutual interference.

(3) The Roadshow Presentation Area shall be equipped with: a high-brightness projector or a large LED display screen with a resolution of no less than 1080P, ensuring clear visibility of demonstration content; an audio system (with no fewer than 2 wireless microphones) to ensure clear voice quality for contestant presentations and judges' questions; a demonstration desk with power outlets for contestants to place their own laptop computers and connect to the projection system; timing cue equipment (electronic countdown screen or cue board) for demonstration time reminders.

(4) The Team Waiting Area shall be furnished with a sufficient number of seats for waiting contestants and instructors to rest, and shall feature clear call cues.

(5) The Judges' Work Area shall be equipped with desks and chairs, scoring terminals (computers or tablet devices), wired network interfaces, and power supply for judges to record scores in real time.

(6) The entire competition venue shall provide stable wired network interfaces and wireless network coverage for contestants to invoke cloud-based AI models and access network resources during demonstrations.

(7) The competition venue shall include a service area providing basic service support such as medical assistance and drinking water. The Technical Support Area shall provide necessary assistance to contestants, including projection adapter connections and network emergency support.

(8) The venue layout must include clearly marked evacuation routes, with safety evacuation route diagrams posted in prominent locations on walls.

X. Competition Equipment, Tools, and Materials

This event adopts a combined model of contestant self-provided equipment and venue-provided basic environment, and no specific brand of technology platform shall be designated.

10.1 Contestant Self-Provided Equipment

Teams must bring laptop computers that meet development and demonstration requirements (each participant may bring one), with no restrictions on the operating system. Required development environments, model invocation tools, and demonstration support software must be pre-installed. Independent communication devices are prohibited (mobile phones must be set to silent mode and deposited in the designated area).

10.2 Venue Basic Environment

Equipment/Environment	Specifications
Roadshow Display	High-brightness projector or LED large screen (resolution ≥1080P)
Audio System	With no fewer than 2 wireless microphones
Demonstration Desk	Equipped with power outlets, HDMI/VGA adapters
Timing Equipment	Electronic countdown screen or cue board (Chinese/English display)
Network Environment	Stable wired network interfaces + wireless WiFi coverage (supporting international access)
Security Inspection Server	Pre-loaded with official code security inspection tool, supporting code upload and automated scanning

10.3 Competition Platform and Tools

Registration Platform: Chinese/English bilingual interface, supporting international team registration, document upload, and status inquiry.

Code Security Inspection Platform: Chinese/English bilingual

operation interface, capable of generating English-version security assessment reports.

10.4 Special Support for International Teams

The venue shall provide multi-standard power adapters. The on-site technical support team shall be able to provide English online translation services. When necessary, assistance may be provided to international teams for network environment debugging to ensure stable invocation of cloud-based AI models.

XI. Scoring Principles, Methods, and Detailed Rules

11.1 Scoring Criteria Formulation Principles

This event establishes assessment content and formulates scoring criteria around industry norms and job skills related to AI application development and security design, the pedagogical principles of institutional disciplines, and relevant professional teaching standards. The event adopts a combination of result-based scoring, security scan scoring, and on-site roadshow scoring, adhering to the principles of 'scientific rigor and objective fairness,' with emphasis on evaluating the scenario functional completeness, AI model optimization design level, security protection level, innovation design level, and on-site roadshow

performance of the entries.

11.2 Scoring Method

This event adopts a phased scoring and cumulative total scoring approach. Scores for each scoring item are calculated separately, and errors in one item are not propagated to others. The overall competition score is calculated on a 100-point scale.

This event adopts the principle of encrypted judging. After teams check in, the Encryption Referee shall organize a draw, and the sequence number drawn shall serve as the team's 'Contestant Number,' simultaneously determining the roadshow presentation order. After the draw is completed, the correspondence table linking numbers to team names shall be immediately sealed and submitted to the Supervision and Arbitration Panel for safekeeping, and must not be disclosed until scoring is concluded, ensuring that judges score solely based on 'Contestant Number' in the order of sequential evaluation by presentation order, and ensuring that score evaluation is objective, rigorous, and accurate.

After the Chief Referee formally submits the scoring results and they are verified with no errors, the sealed 'Correspondence Table of Contestant Numbers and Actual Team Names' shall be unsealed under the supervision of the Supervision and Arbitration Panel, and score

decryption shall be completed.

In the event of equal total scores among teams, ranking shall proceed in descending order of the scoring item scores: if total scores are equal, compare the 'Security Protection Level' score, with the higher scorer ranked first; if still equal, compare the 'Scenario Functional Completeness' score; and so forth, with ranking conducted sequentially by 'AI Model Optimization Design,' 'Innovation Design Level,' and 'Presentation Level.' If scores in all items remain equal, the entire judging panel shall rule based on the overall performance of the entries.

During the competition, if contestants engage in uncivilized behavior such as disrupting venue order or interfering with the normal work of referees, the Chief Referee shall deduct corresponding points; in serious cases, competition eligibility shall be revoked, the competition score recorded as 0 points, and team members expelled from the competition venue. Contestants must not mark any submitted materials or on-site display content with symbols containing identifying information of their team; any such discovery shall result in cancellation of award eligibility.

11.3 Detailed Scoring Rules

Project Review and Roadshow Presentation — Maximum Score: 100 Points. The competition scoring is shown in the table below:

Scoring Module	Scoring Sub-Item No.	Scoring Sub-Item Name	Score	Module Weight
Comprehensive Project Review	1	Scenario Functional Completeness	30 points	30%
	2	AI Model Optimization Design	20 points	20%
	3	Security Protection Level	25 points	25%
	4	Innovation Design Level	10 points	10%
	5	Presentation Level	15 points	15%
Total			100	100%

11.4 Security Protection Level Score Explanation

The score for this item shall be determined by the security report, which is produced by the official code security inspection tool after automated scanning of the presubmitted source code, and is then scored in combination with on-site verification.

XII. Award Categories

Based on the final competition results of each team and applying rounding principles, First Prize shall account for 10%, with Gold Medals and certificates awarded; Second Prize shall account for 20%,

with Silver Medals and certificates awarded; Third Prize shall account for 30%, with Bronze Medals and certificates awarded; the remaining contestants shall receive Excellence Award certificates.

The instructors of teams winning First Prize and Second Prize shall receive Outstanding Instructor certificates.

Participating units whose teams win First Prize shall receive Best Organization Award certificates; participating units whose teams win Second Prize shall receive Excellent Organization Award certificates.

Additionally, a number of Competition Support Awards, Outstanding Contribution Awards, and Competition Organization Contribution Awards shall be established, presented to competition platform supporting units and competition hosting units, with certificates and medals awarded by category.

XIII. Competition Organization, Safety, and Logistics

13.1 Organizational Structure

Under the leadership of the Event Organizing Committee, a competition management organizational structure shall be established comprising an Expert Panel, a Referee Panel, a Supervision and Arbitration Panel, and a Competition Office. The

specific requirements and division of responsibilities are as follows:

(1) Expert Panel: Responsible for formulating competition regulations, technical documents, competition question banks, and other related work.

(2) Referee Panel: A 'Chief Referee Responsibility System' shall be implemented, with one Chief Referee appointed to be fully responsible for the refereeing and management of the event and to handle any disputes that arise during the competition. Referees shall be divided into Encryption Referees and Scoring Referees based on the needs of the competition. The Encryption Referee shall be responsible for organizing the draw for the contestants and for encrypting and decrypting their information, and shall not participate in scoring. The Scoring Referee is responsible for evaluating contestants' skill demonstrations, operational compliance, and competition entries in accordance with the event scoring criteria.

(3) Supervision and Arbitration Panel: Responsible for supervising the entire work process of the Referee Panel and conducting spot checks and reviews of competition scores. Responsible for accepting written appeals regarding referee

results submitted by team leaders of participating teams and promptly providing feedback on the review results.

(4) Competition Office: Under the leadership of the Competition Organizing Committee, responsible for the organizational arrangements of the event and overall coordination of day-to-day management. This primarily includes formulating specific organizational plans and implementation schedules for the competition and organizing and supervising their implementation; responsible for day-to-day communication and coordination with various competition-related units; responsible for all publicity work during the competition period; responsible for the design, production, and management of competition prizes and materials; responsible for the sourcing, utilization, and management of competition funding; responsible for competition summary and statistical analysis, etc. The Competition Office shall include a Comprehensive Coordination Group, a Publicity Group, a Volunteer Service Group, a Logistics Support Group, and a Security and Safety Group.

13.2 Safety and Security

1. An Event Safety and Security Group shall be established, with the group leader to be held by the Director of the Event

Organizing Committee. Members of the Event Safety and Security Group shall be the safety - responsible persons for each venue. Each venue shall designate one safety responsible person who bears full responsibility for the safety of that venue and is responsible for mobilizing rescue teams and professional rescue personnel and arranging for the evacuation of venue occupants in the event of an emergency.

2. The Event Organizing Committee shall, prior to the competition, organize dedicated personnel to conduct site inspections of the competition venue, accommodation facilities, and transportation support, and shall set forth clear requirements for safety work. The host institution shall eliminate safety hazards in accordance with the requirements of the Event Organizing Committee before the competition.

3. A coordination mechanism shall be established with public security, fire safety, judicial administration, transportation, health, food safety, quality inspection, and other relevant departments to ensure competition safety, formulate emergency response plans, and promptly handle emergencies. Designated contact persons for medical personnel, fire safety personnel, and security personnel shall be established, with the venue safety

responsible person serving as the point of contact.

4. The layout of the competition venue and the equipment and devices within the venue shall comply with relevant national safety regulations. The installation of competition equipment and facilities shall be carried out in strict accordance with safety construction standards, and power cabling and electrical installation shall follow standardized construction practices. Prior to the competition, venue simulation testing shall be conducted to identify potential safety issues.

5. Each workstation shall use an independent power supply to ensure safety. Contestants shall save their work promptly while debugging demonstration programs to prevent data loss due to sudden power outages.

6. Fire extinguishers shall be provided in accordance with fire safety requirements, and the venue safety responsible person shall be designated to use them in emergencies.

7. Warning cordons shall be set around the competition venue to prevent unauthorized personnel from entering and causing incidents.

8. The venue layout shall be zoned, with evacuation routes established in accordance with safety requirements, and safety

evacuation route and pathway diagrams posted in prominent locations on walls. In the event of a safety issue, evacuation shall be promptly carried out along the emergency evacuation routes under the direction of the venue safety responsible person.

9. During the competition period, all vehicles and personnel entering the competition zone must present valid credentials and proactively display valid identification to staff.

10. The Event Organizing Committee, in coordination with the host institution, shall set up complete directional signage and increase the number of guides in areas with dense pedestrian and vehicular traffic, while also opening alternative access routes.

13.3 Logistics Support

1. During the competition period, the host institution of the event shall uniformly arrange accommodation and meals for contestants and instructors. The host institution must respect the religious beliefs and cultural customs of ethnic minority participants and, in accordance with relevant national ethnic and religious policies, properly arrange the dietary and lodging needs of ethnic minority contestants and instructors.

2. During the competition period, the arranged accommodation sites must possess the requisite hotel/lodging business operating

license qualifications.

3. During the competition period, the transportation safety for organized tour activities shall be the responsibility of the divisional Organizing Committee. The Event Organizing Committee and the host institution must ensure the transportation safety of contestants, instructors, referees, and staff during the competition period.

4. Beyond necessary safety isolation measures, relevant national laws and regulations shall be strictly observed to protect personal privacy and personal safety.

13.4 Participating Team Responsibilities

1. When organizing their participating teams, each participating unit must arrange for the purchase of personal accident insurance for contestants covering the competition period.

2. After the formation of each unit's team, relevant management systems shall be formulated, and safety education shall be provided to all contestants and instructors.

3. Each participating team must strengthen the safety management of its participants and coordinate with venue safety management.

4. If a participating team has vehicles, they shall enter and exit the campus only with vehicle permits issued by the Competition Organizing Committee, and shall drive along designated routes and park at designated locations.

XIV. Skills Management and Communication

14.1 Registration and Eligibility Verification

Domestic teams shall register through the competition's official website; international teams shall submit applications through the international registration channel (Chinese/English bilingual). International teams must provide proof of their enrollment or employment from their institution/organization (along with an English translation). The registration platform and security check submission platform both support Chinese/English bilingual operation interfaces.

14.2 Pre-Competition Communication and Training

Online bilingual open courses shall be held 1–2 months before the competition, with content including: regulation interpretation, security development specifications, multi-model integration technology, and security inspection tool usage. A bilingual technical support group shall be established to provide

time-zone-friendly consultation windows for international teams.

14.3 Draw and Encryption

A unified draw shall be conducted at the team leader meeting to determine 'Contestant Numbers' and the roadshow presentation order. The draw itself constitutes encryption; the correspondence table shall be sealed by the Supervision and Arbitration Panel and decrypted only after scoring is concluded.

14.4 On-Site Management and Order

Contestants shall enter the venue with valid credentials and may only refer to themselves using their Contestant Number throughout the entire process; identity information must not be disclosed. No observation area shall be set up in the venue; the entire process shall be monitored by video recording. Any interaction between contestants and off-stage instructors or assistants is strictly prohibited; the violators shall be treated as cheaters.

14.5 Score Announcement and Appeals

A 2-hour on-site score announcement period (Chinese/English bilingual announcement) shall be established on the day of the Finals. Appeals must be submitted by the team leader in a written report (Chinese or English accepted), and the Supervision and Arbitration

Panel shall organize a review within 2 hours and provide a written response.

14.6 Special Communication for International Teams

The Organizing Committee shall provide English versions of the 'Participation Guide,' 'Venue Code of Conduct,' and 'Frequently Asked Questions.' Bilingual volunteers and staff with international competition organization experience shall be assigned.

XV. Supervision, Appeals, and Arbitration

1. In the event of unfair practices or irregularities by relevant personnel during the competition, each participating team may submit an appeal to the Event Supervision and Arbitration Panel within the 2-hour on-site public announcement period after scores are announced. Appeals submitted beyond this time limit shall not be accepted.

2. When submitting an appeal, the team leader of the participating team shall, in accordance with the prescribed procedure, submit a written appeal report personally signed by the team leader to the Event Supervision and Arbitration Panel. The report shall provide a full and factual description of the appeal event, including its nature, time of occurrence, involved

personnel, and the basis for the appeal. Non-written appeals shall not be accepted.

3. The Event Supervision and Arbitration Panel shall organize a review within 2 hours of receiving the appeal report and promptly inform the appealing party of the review result in writing. If an appeal is not accepted, the reasons must be stated.

4. The arbitration result shall be acknowledged by the signature of the appellant and may not be received by proxy. If the appellant departs the agreed time and location, they shall be deemed to have voluntarily waived the appeal.

5. The appealing party must not refuse to accept the arbitration result for any reason, nor take any radical action to disrupt venue order for any reason; otherwise, the appeal shall be deemed waived. If the appellant is dissatisfied with the arbitration result, they may submit a review application to the Competition Organizing Committee's Arbitration Commission.

6. The appealing party may withdraw the appeal at any time.

XVI. Competition Observation

1. The entire competition process shall be monitored by video recording, documenting the complete venue proceedings. To avoid affecting contestant participation, no observation area shall be

set up.

2. An open exhibition zone shall be arranged outside the competition venue to carry out related science popularization and promotional activities regarding artificial intelligence technology, showcasing to the public the applications of artificial intelligence in people's lives or future living applications.

XVII. Competition Video

This event shall designate staff to carry out video recording and post-production video processing. The recorded content shall include the event's Opening and Closing Ceremonies, the full competition process, award-winning projects, and expert commentaries. Interviews shall be conducted at appropriate times with participants, referees, award-winning teams, outstanding instructors, and industry and enterprise professionals. Interview content shall cover contestant participation situations, the working conditions of referees and staff, acceptance speeches of award-winning teams, and event development and industry prospects.

The recorded videos shall, by content type, be published and archived on the competition's official platforms, mainstream video websites (such as Youku), multimedia discs developed for teaching

resource conversion, and on relevant websites (spaces), for use in competition publicity, teacher reference, teaching, and student learning.

XVIII. Competition Instructions

18.1 Instructions for Participating Teams

1. Participating Team Name: The name of the institution's representative team shall be uniformly used.

2. Participating Team Composition: Each team shall consist of 1-3 contestants who meet the eligibility requirements. Each team may designate 1-2 instructors. Both contestants and instructors must be finalized after registration and eligibility verification.

3. At the time of check-in, each participating team shall present proof of the personal accident insurance purchased for contestants covering the competition period. If not purchased, check-in procedures shall be temporarily withheld, directly affecting contestant eligibility.

4. Team contestants and instructors shall maintain good professional ethics, strictly abide by competition rules and discipline, obey the referees, respect the referees and venue

staff, and conscientiously maintain venue order.

5. During the competition process and across different competition stages, participating teams may not substitute contestants. Substitutions may be applied for up to 10 working days before the competition, after which they shall not be permitted. The absence of instructors shall be allowed.

18.2 Instructions for Instructors

1. Each participating team shall promote good ethical conduct, follow commands, obey the referees, and shall not engage in fraud or deception. If fraud or deception is discovered, the team shall be disqualified, its competition results shall be cancelled, and its rankings shall be invalidated.

2. The team leader of each representative team shall resolutely implement all competition regulations, strengthen the management of participating personnel, carry out pre-competition preparation work, and urge contestants to bring their credentials and other competition-related materials.

3. During the competition process, apart from the contestants participating in the current competition session, on-site technical staff, and approved personnel, team leaders, instructors, and other personnel shall not enter the competition

venue under any circumstances. Instructors must remain seated in the designated waiting area.

4. If a participating representative team has objections to the competition process, the team leader shall submit a written report to the Event Supervision and Arbitration Panel within the prescribed time period. The team leader must take the lead in accepting and implementing the arbitration result of the appeal and shall properly manage the contestants. Contestants must not cease competing due to an appeal or dissatisfaction with the handling opinion; otherwise, they shall be treated as having withdrawn.

5. Instructors shall promptly check the competition's dedicated web page for event-related notices and content, carefully study and master the regulations, technical specifications, and venue requirements documents of this event, and guide contestants in completing all pre-competition technical and competition preparations.

6. Team leaders and instructors shall conduct proper post-competition event summaries and work summaries.

18.3 Instructions for Contestants

1. Contestants shall strictly abide by the event regulations,

safety operating procedures, and process standards, ensure the safety of personnel and equipment, accept the supervision and warnings of referees, and compete in a civilized manner. In the event of a relatively serious safety incident, their competition eligibility shall be immediately revoked upon the approval of the Chief Referee.

2. Contestants shall truthfully complete their personal information in accordance with the relevant requirements; otherwise, their competition eligibility shall be revoked.

3. Contestants shall participate in the competition with the uniformly issued competition pass and valid identification documents, and shall participate at the time, in the order, and at the location specified by the event regulations.

4. Contestants shall conscientiously study and understand the relevant documents of this competition, consciously observe competition discipline, follow commands, obey arrangements, and participate in a civilized manner.

5. Contestants may bring their own laptop computers and necessary auxiliary demonstration items into the venue. Communication devices unrelated to the competition are strictly prohibited from being brought into the presentation area.

6. During the competition, demonstration operations shall not commence before the competition start signal is received. Each team shall independently decide on the division of responsibilities and presentation flow within the team, and shall complete the roadshow presentation in the designated presentation area according to the draw order. Cheating is strictly prohibited.

7. Upon completion of the competition, contestants shall all stand to conclude the presentation. They shall organize and take away their self-provided equipment and items, and may leave the venue only after confirmation by staff. No competition-related materials or equipment within the venue shall be taken away upon departure.

8. During the competition period, without the approval of the Organizing Committee, contestants shall not accept interviews regarding competition-related content from other units or individuals. Contestants shall not arbitrarily disclose competition-related information.

9. Each team shall submit competition deliverables in accordance with the competition requirements. Any markings unrelated to the competition shall not be made on the competition deliverables. Competition results shall be submitted in

accordance with the prescribed procedure and confirmed by signature together with the referee.

18.4 Instructions for Staff

1. Staff shall follow the leadership of the Event Organizing Committee, abide by professional ethics, uphold principles, act according to regulations, and earnestly ensure strictness, conscientiousness, fairness, accuracy, and civilized officiating. Work shall be carried out with a high sense of responsibility, a serious and conscientious attitude, and a rigorous and meticulous style.

2. Staff shall be familiar with and conscientiously implement competition rules, and strictly follow work procedures and relevant regulations. They shall wear referee badges and referee attire, maintain a neat appearance, and conduct themselves with civility and politeness in language and behavior. They shall accept the supervision of arbitration group members and participating personnel. They must participate in pre-competition officiating training organized by the Event Organizing Committee.

3. During the competition period, competition secrets shall be safeguarded, and no competition secrets shall be disclosed or

hinted at to team leaders, instructors, or contestants of any participating team.

4. Competition time shall be strictly observed and shall not be arbitrarily advanced or extended. Competition discipline shall be strictly enforced, and no suggestive answers to competition-related questions shall be provided to contestants, much less guidance or facilitation for contestants.

5. A recusal system shall be implemented; contact or communication with contestants and related personnel shall be avoided.

6. Staff shall remain at their posts, not arrive late or leave early. They shall monitor contestants' compliance with competition rules and safety operating procedures, shall not interfere with contestants' competition without cause, and shall properly handle any issues arising during the competition.

7. The principles of fairness and impartiality shall be upheld, venue discipline shall be maintained, and venue records shall be truthfully completed.

18.5 Instructions for International Participating Teams

1. International teams must independently process their China

entry visas and insurance; the Organizing Committee may provide an official invitation letter.

2. Participating international teams must complete the bilingual adaptation of materials before the competition to ensure smooth roadshow presentations.

3. The content of entries must not violate the laws and regulations of the contestants' home countries or China, and must not contain sensitive political, religious, or racial content.