

# RoboCup China Open 2007 Official Report

**RoboCup China Committee**  
(<http://www.robocupchina.org>)  
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## 1 Introduction to RoboCup China Open 2007

Co-hosted by RoboCup China Committee and Municipal Government of Jinan, Shandong, China, RoboCup China Open 2007 was inaugurated on October 26<sup>th</sup>, 2007, at the city of Jinan, capital of Shandong province.

RoboCup China Open 2007 aims at the popularization of Robotics and Artificial Intelligence within the youth of China, encouragement and promotion of research and exploration in Mechanics, Electronic Engineering, Information Science and Automation, and setting up a fundamental platform for future academic masters in those realms.

During October 26<sup>th</sup> to October 28<sup>th</sup>, 204 teams, around 800 members totally, participated in 6 different RoboCup leagues, 20 items of competition in total. Within those teams, 182 teams are domestic while the rest 22 oversea teams come from 5 countries or areas which are Germany, Japan, Iran, Mexico and Brazil respectively.

In RoboCup China Open 2007, several new leagues are introduced: Simulation MSRS (Microsoft Robotics Studio), RoboCup Rescue Virtual Agent, RoboCup@Home and Super Leagues of RoboCup Junior Series, which enriches the grand RoboCup series leagues.

The paramount Chinese TV Station, CCTV participated in the whole procedure of competition was broadcasted around the whole nation in CCTV News Channel. Moreover, a special session of RoboCup China Open 2007 is created and maintained by one of the most famous web portals in China, [www.sina.com](http://www.sina.com).

The RoboCup Competition in China was held for every year since 1999. Started from 2006, RoboCup Competition in China has transferred to RoboCup China Open Competition, which is opened for competitors all around the world. Moreover, after Japan, USA, Germany, Iran and Australia, RoboCup China Open has become the sixth RoboCup series open world wide.

## 2 Organization of RoboCup China Open 2007

Name	Affiliation	Position/Area
SUN Zengqi	Tsinghua University	Chair
YUAN Kui	Institute of Automation, Chinese Academy of Sciences	Vice-Chair, Rescue
ZHENG Ziqiang	National University of Defense Technology	Vice-Chair, Middle size
CHEN Xiaoping	University of Science and Technology of China	Vice-Chair, Four Legged and publicity
CAO Qixing	Shanghai Jiaotong Univeristy	Middle size
LI Shi	Institute of Automation, Chinese Academy of Sciences	Junior
LI Yongxin	University of Science and Technology of China	Small size
LIU Li	Tsinghua University	Humanoid
QI Yaoliang	Suzhou Higher Education Town Administration Office	Local Arrangements
VONG Ka-Lon Leonard	Robotics Technology Research and Education Association of Macau	Junior
XIONG Rong	Zhejiang University	Simulation
ZHANG Jun Eugene	Youth Robotics Education Association of Hong Kong	Junior
ZHOU Changjiu	Singapore Polytechnic	publicity and Humanoid

### 3 Schedule of RoboCup China Open 2007

The schedule of RoboCup China Open 2007 is listed as follow.

Time/Date	Activities	Place	Attendants
8:00~22:00, Oct 24	Check in	Quality Education Foundation, Shizhong District, Jinan Scholar's Hotel, Changqin District, Jinan	Participants, Team leaders
8:00-22:00, Oct 25	(1) Check in (2) Team set-up	Quality Education Foundation, Shizhong District, Jinan Scholar's Hotel, Changqin District, Jinan Gym, New Campus of Shandong Normal University	Participants, Team leaders
18:00, Oct 25	Welcome reception	Lindian Hall (the ground floor) Scholar's Hotel, Changqin District, Jinan	Invited distinguished guests
19:30~21:30, Oct 25	Meetings for team leaders and referees	The third floor, Scholar's Hotel, Changqin District, Jinan RoboCup Simulation League (Medium Conference Hall#1) RoboCup Middle Size League (Small Conference Hall#1) RoboCup Small Size League, Rescue League, Robot @Home, Humaniod (Large Conference Hall) Junior League (Small Conference Hall#3)	Referees and team leaders
9:00, Oct 26	Opening Ceremony	Fengyu Stadium, New campus of Shandong Normal University	All participants available
8:30~22:00, Oct 26	Competitions	Gym, New campus of Shandong Normal University	Competition participants
15:00, Oct 26	Summit Forum on Development and Planning of University Campus and District Economy	Conference Hall, Center of West Campus	Invited distinguished guests
19:30~21:30, Oct 26	RoboCup China Committee Conference	Scholar's Hotel Large Conference Hall	Members of RoboCup China

			Committee
8:30~22:00, Oct 27	Competitions	Gym, New campus of Shandong Normal University	Competition Participants
8:30~16:30, Oct 28	Competitions	Gym, New campus of Shandong Normal University	Competition Participants
8:30~18:00, Oct 28,29	Technical Workshop	The First Academic Seminar Hall, Jinan University	Workshop Participants

## 4 Invited Talks of RoboCup China Open 2007

The invited talks of RoboCup China Open 2007 are listed as follow.

<b>Time</b>	<b>Speaker and Topic</b>	<b>Place</b>
October 28 09:20-9:50	<b>WU Hongxin:</b> Some Problems on Industrial Automation in China	The First Lecture Hall of Jinan University
October 28 09:50-10:20	<b>SUN Zengqi:</b> Technology and Development of Competition Robotics	The First Lecture Hall of Jinan University
October 28 10:40-11:10	<b>WANG Tianmiao:</b> On the Robotics research and industrial development of China	The First Lecture Hall of Jinan University
October 28 11:10-11:40	<b>TAN Min:</b> Coordination and control of multi robots	The First Lecture Hall of Jinan University

## 5 Leagues of RoboCup China Open 2007

The RoboCup China Open 2007 has 6 leagues and 20 items in total. The leagues as well as items is listed as follow.

League	Item	Description
RoboCup Soccer	RoboCup Simulation 2D	
	RoboCup Simulation 3D	
	RoboCup Simulation MSRS	New League
	RoboCup Small Size League	
	RoboCup Middle Size League (2:2)	
	RoboCup Middle Size League (4:4)	
	RoboCup Legged League	
	RoboCup Humanoid League (2:2)	
RoboCup Rescue	RoboCup Humanoid Technical Challenge	
	RoboCup Rescue - Simulation	
RoboCup@Home	RoboCup Rescue - Virtual Agent	New League
	RoboCup@Home	New League
RoboCup Junior (Soccer)	RoboCup Junior Soccer Primary School (1:1)	
	RoboCup Junior Soccer Primary School (2:2)	
	RoboCup Junior Soccer Middle School (1:1)	
	RoboCup Junior Soccer Middle School (2:2)	
RoboCup Junior (Rescue)	RoboCup Junior Rescue Primary School	
	RoboCup Junior Rescue Middle School	
RoboCup Junior (Dance)	RoboCup Junior Dance Primary School	
	RoboCup Junior Dance Middle School	

## 6 Final Score of RoboCup China Open 2007

### 6.1 Simulation 2D

26 teams participated at RoboCup Simulation 2D League of RoboCup China Open 2007 and the results are listed as follows.

Rank	Team	Affiliation	Country
1	WrightEagle	University of Science and Technology of China	China
	SPAM-Hehran	Iran	Iran
3	HfutEngine	Hefei University of Technology	China

### 6.2 Simulation 3D

20 teams participated at RoboCup Simulation 3D League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	SEU	Southeast University	China
2	CZU	Changzhou Institute of Technology	China
3	Apollo	Najing University of Posts and Telecommunications	China

### 6.3 Simulation MSRS

3 teams participated at RoboCup Simulation MSRS League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	WrightEagle	University of Science and Technology of China	China

### 6.4 Small Size

6 teams participated at RoboCup Small Size League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	ZJUNlict	Zhejiang University	China
2	Tianjiao	Aerospace University of Air Force	China

3	DreamWing	Dalian Institute of Technology	China
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## 6.5 Middle Size

25 teams participated at RoboCup Middle League (2:2) of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	NuBot	National University of Defense Technology	China
2	Jiao Long	Shanghai Jiaotong University	China
3	SCUT	South China University of Technology	China

25 teams participated at RoboCup Middle League (4:4) of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	NuBot	National University of Defense Technology	China
2	SCUT	South China University of Technology	China
3	Jiao Long	Shanghai Jiaotong University	China

## 6.6 Four-Legged

4 teams participated at RoboCup Four-Legged League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	WrightEagle	University of Science and Technology of China	China
2	TongjiU	Tongji University	China

## 6.7 Humanoid

7 teams participated at RoboCup Humanoid Technical Challenge of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	ZJUNlict	Zhejiang University	China
2	TH-MOS	Tsinghua University	China
3	Hephaestus	Tsinghua University	China

5 teams participated at RoboCup Humanoid League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	TH-MOS	Tsinghua University	China
2	Hephaestus	Tsinghua University	China

## 6.8 Rescue Simulation

11 teams participated at RoboCup Rescue Simulation League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	ZJUBase	Zhejiang University	China
2	SEU-RedSun	Southeast University	China
	MRL	Iran	Iran
3	Hephaestus	Tsinghua University	China

## 6.9 Robot Rescue

2 teams participated at RoboCup Robot Rescue League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	NuBot	National University of Defense Technology	China

## 6.10 RoboCup@Home

6 teams participated at RoboCup@Home League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team	Affiliation	Country
1	SJTU	Shanghai Jiaotong University	China
2	HITIC	HITIC, Institute of Automation, Academy of China	China
3	BIT	Beijing Institute of Technology	China

## 6.11 Junior

All winning teams of Junior Leagues of RoboCup China Open 2007 are from China and the detailed items as well as their corresponding winners are listed as follows.

### 6.11.1 Junior Soccer Primary (1:1)

3 teams participated at RoboCup Junior Soccer Primary (1:1) League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team
1	Xingwei School, Bao'an District, Shenzhen
2	Liujiia Zhuang Primary School, Jinan
3	South Campus of Affiliated Primary School, XJTU

3 groups of teams participated at RoboCup Junior Soccer Primary (1:1) Super League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team League
1	Beitan School, Jinan Qinghua School, Anshan
2	Ruhe St. Primary School, 27 District, Zhengzhou Yuwen Secondary School, Jinan
3	Baiyun St. Primary School, Beijing South Campus of Affiliated Primary School, XJTU

### 6.11.2 Junior Soccer Primary (2:2)

3 teams participated at RoboCup Junior Soccer Primary (2:2) League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team
1	Wanquan Primary School, Beijing
2	Xingwei School, Bao'an District, Shenzhen
3	South Campus of Affiliated Primary School, XJTU

3 groups of teams participated at RoboCup Junior Soccer Primary (2:2) Super League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team League
1	Baiyun St. School, Beijing South Campus, Affiliated Primary School, XJTU
2	Yuwen Secondary School, Jinan Ruhe St. Primary School, 27 District, Zhengzhou
3	Baiyun St. School, Beijing South Campus, Affiliated Primary School, XJTU Pengpu Minban Experimental Primary School, Shanghai

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First Primary School, Jing'an District, Shanghai

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### 6.11.3 Junior Soccer Secondary (1:1)

3 teams participated at RoboCup Junior Soccer Secondary (1:1) League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team
1	Compass Team, Young's Science Lab, Changzhou
2	Second Affiliated School, Shandong Normal University
3	Mingde Secondary School, Taicang, Jiangsu

3 groups of teams participated at RoboCup Junior Soccer Primary (1:1) Super League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team League
1	Compass Team, Young's Science Lab, Changzhou Second Affiliated School, Shandong Normal University
2	Zhuxi School, Dongwan, Guangdong 12 <sup>th</sup> School, Dalian
3	Yuwen School, Jinan Affiliated Secondary School, XJTU

### 6.11.4 Junior Soccer Secondary (2:2)

3 teams participated at RoboCup Junior Soccer Secondary (2:2) League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team
1	Compass Team, Young's Science Lab, Changzhou
2	55 <sup>th</sup> School, Beijing
3	Second Affiliated School, Shandong Normal University

3 groups of teams participated at RoboCup Junior Soccer Primary (2:2) Super League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team League
1	Compass Team, Young's Science Lab, Changzhou Mingde Secondary School, Taicang, Jiangsu
2	Shijingshan School, Shijingshan District, Beijing 55 <sup>th</sup> School, Beijing
3	5 <sup>th</sup> School, Jinan

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Second Affiliated School, Shandong Normal University

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### 6.11.5 Junior Rescue Primary

18 teams participated at RoboCup Junior Rescue Primary League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team
1	1 <sup>st</sup> Young's Science Lab, Jinshan District, Shanghai
2	Huamao Foreign Language School, Ningbo
3	1 <sup>st</sup> Central Primary School, Ning'an District, Shanghai

5 groups of teams participated at RoboCup Junior Rescue Primary Super League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team League
1	Zhonghua Primary School, An'shan 1 <sup>st</sup> Young's Science Lab, Jinshan District, Shanghai
2	Huamao Foreign Language School, Ningbo 219 Primary School, An'shan
3	Ruhe St. Primary School, 27 District, Zhengzhou Yuwen Secondary School, Jinan

### 6.11.6 Junior Rescue Secondary

11 teams participated at RoboCup Junior Rescue Secondary League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team
1	Huamao Foreign Language School, Ningbo
2	1 <sup>st</sup> Young's Science Lab, Jinshan District, Shanghai
3	Mingde Secondary School

5 groups of teams participated at RoboCup Junior Rescue Secondary Super League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team League
1	Fahmidel 1 <sup>st</sup> Young's Science Lab, Jinshan District, Shanghai
2	Young's Science Lab, Dongcheng District, Beijing Mingde Primary School
3	Fahmidel2

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Mingde Secondary School, Taicang, Jiangsu
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### 6.11.7 Junior Dance Primary

6 teams participated at RoboCup Junior Dance Primary League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team
1	Qinghua Primary School, An'shan
	219 Primary School, An'shan
2	Experimental Primary School, Shandong
3	Oriental Bilingual Experimental School, Jinan

### 6.11.8 Junior Dance Secondary

7 teams participated at RoboCup Junior Dance Secondary League of RoboCup China Open 2007 and the result is listed as follows.

Rank	Team
1	Transformers, Carnel Divince Grace Foundation Secondary School, Hongkong
2	57 <sup>th</sup> School, Beijing
3	Fist Team, First School of Dianlou, Jinan

## 7 Summary and Epilogue

RoboCup China Committee won the host of RoboCup 2008 for the first time, which would be co-hosted again by RoboCup China Committee, Municipal Government of Suzhou and University of Science and Technology of China. The continuously successful host of RoboCup China Open 2006 and 2007 has proven soundly, and we also have the very confidence that RoboCup 2008 in China would become one of the most impressive and wonderful competition during the history of RoboCup.

RoboCup 2008, see you in China!