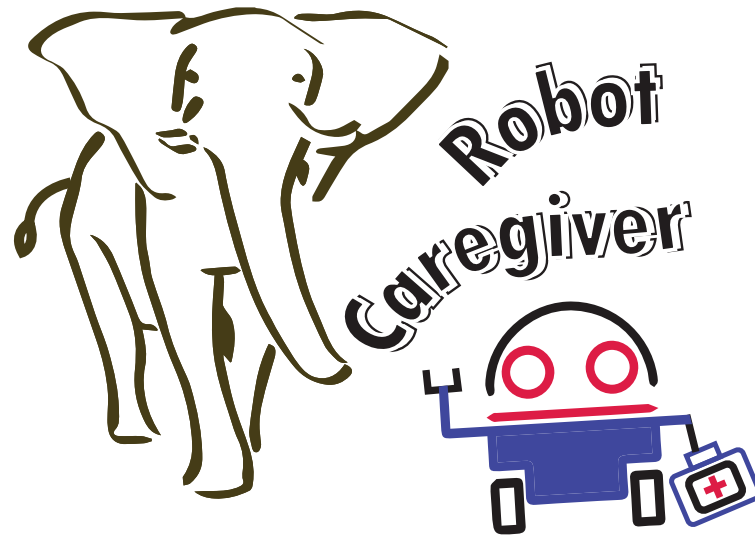




# '16 ROBOCON

**International Design Contest  
8 - 20 August, 2016, Bangkok, Thailand**



China	Shanghai Jiao Tong University Tsinghua University Zhejiang University
Egypt	Menoufia University
Japan	Tokyo Denki University Tokyo Institute of Technology
Morocco	Abdelmalek Essaâdi University
Singapore	Singapore University of Technology & Design
South Korea	Seoul National University
Thailand	Chaiyaphum Rajabhat University Chulalongkorn University Kasetsart University King Mongkut's University of Technology North Bangkok Mae Fah Luang University Mahanakorn University of Technology Mahidol University Pibulsongkram Rajabhat University Prince of Songkla University Saraphi Technical College Suranaree Technical College Thammasat University

# '16 RoboCON International Design Contest

## Introduction

IDC is an educational event that has been hold since 1990 to foster and develop creativity, technique and international experience of young future engineers. Every year, rotate the contests host by the universities in the various parts of the world.

International teams of students take part of the contest, designing and building remotely controlled robots. The IDC is not a competition of one country or university against another, but an exercise of communication and cooperation among students, professors and instructors from the different Engineering Schools involved. The IDC is an unforgettable experience for all.

The main goals of International Design Contest are simulating creativity, application of theoretical knowledge in practice, cooperation among countries and having fun.

National Metal and Materials Technology Center (MTEC), Chulalongkorn University, Chiang Mai University, Prince of Songkla University, Suranaree University of Technology and Panyapiwat Institute of Management in Thailand host IDC this year. On August 8th, the teams were formed, and the rules were revealed. The teams have only 10 days to design and build their machines, using the material provided by the kit. Each team received and identical kit containing approximately 60 parts. With their creativity and their basic Engineering knowledge, each one of the teams have to work cooperatively in order to overcome the challenges proposed by the theme of IDC Robocon 2016.



## Professors and Assistants

Mr. Kuikam, Kwon [South Korea], Prof. Masayuki Kondo [Japan], Prof. Shoshiro Hatakeyama [Japan], Prof. Shoshiro Hatakeyama [Japan], Prof. Wang, You [China], Prof. Masaki Yamakita [Japan], Prof. Surat Kwanmuang [Thailand], Prof. Alia Zakriti [Morocco], Prof. Mahmoud Ali [Egypt], Prof. Wenjing, Chu [Singapore], Prof. Li, Cao [China], Prof. Libo Song [China], Prof. Zhifang, Liang, Prof. Xiao, Chu [China]

# IDC ROBOCON 2016: TEAM

Red Team



Mr. Mohamed Elhosary Menoufia University, Egypt  
 Mr. Gaoxiang Shen Shanghai Jiao Tong University, China  
 Ms. Chea Xin Ong Tokyo Denki University, Japan  
 Mr. Korn Siritantiwat Mae Fah Luang University, Thailand  
 Mr. Abdelhay Sabir Abdelmalek Essaâdi University, Morocco

Yellow Team



Mr. Masaki Shungo Tokyo Institute of Technology, Japan  
 Mr. Zhenqi Wei Shanghai Jiao Tong University, China  
 Ms. Chayanin Tongphasook Kasetsart University, Thailand  
 Mr. Nader Soliman Menoufia University, Egypt  
 Mr. Kittithorn Sripalathum Mahanakorn University of Technology, Thailand

Grey Team



Mr. Dawei, Sun Tsinghua University, China  
 Mr. Kazuki Morita Tokyo Denki University, Japan  
 Ms. Thitiga Hadyaw Pibulsongkram Rajabhat University, Thailand  
 Mr. Lim Hoong Ching Singapore University of Technology & Design, Singapore  
 Mr. Wachirawit Wangsatittongbai Prince of Songkla University, Thailand

Brown Team



Mr. Yongqiang, Li Tsinghua University, China  
 Mr. Masahiro Okuri Tokyo Denki University, Japan  
 Ms. Chaniya Jaroenkunathum Thammasat University, Thailand  
 Mr. Lai Jun Kang Singapore University of Technology & Design, Singapore  
 Mr. Phubet Klangpradit Suranaree Technical College, Thailand

Pink Team



Mr. Zhiqiang, Gu Tsinghua University, China  
 Mr. Naoki Nonaka Tokyo Denki University, Japan  
 Ms. Hajar Benzeroual Abdelmalek Essaâdi University, Morocco  
 Mr. Chiu Po Heng Singapore University of Technology & Design, Singapore  
 Mr. Wiwat Tulapornpipat King Mongkut's University of Technology North Bangkok, Thailand

Orange Team



Mr. Rikio Sawai Tokyo Denki University, Japan  
 Mr. Jin, Tao Zhejiang University, China  
 Ms. Kelly Khoo Khe Liq Singapore University of Technology & Design, Singapore  
 Mr. Thitinan Wisamitanan Prince of Songkla University, Thailand  
 Mr. Hyobin, Jeon Seoul National University, South Korea

Black Team



Mr. Tao, Jiangpeng Zhejiang University, China  
 Mr. Phanuwat Khanarsa Chaiyaphum Rajabhat University, Thailand  
 Ms. Ariya Suthisophaarporn Mahidol University, Thailand  
 Mr. Shin Horie Tokyo Denki University, Japan  
 Mr. Jaehwi, Cho Seoul National University, South Korea

Green Team



Mr. Sungyoon, Cho Seoul National University, South Korea  
 Mr. Kusaka Yuta Tokyo Institute of Technology, Japan  
 Ms. Hu, Yuhan Zhejiang University, China  
 Mr. Thanapong Somjai Chulalongkorn University, Thailand  
 Mr. Anass Boutagrassa Abdelmalek Essaâdi University, Morocco

Violet Team



Mr. Yuan, Peizheng Zhejiang University, China  
 Mr. Ali Khedr Menoufia University, Egypt  
 Ms. Nutthanun Thanomvajamun Tokyo Institute of Technology, Japan  
 Mr. Peranat Bunjongkij King Mongkut's University of Technology North Bangkok, Thailand  
 Mr. Youngseok, Kim Seoul National University, South Korea

Blue Team



Mr. Ibrahim Basyouny Menoufia University, Egypt  
 Mr. Yasudome Yuki Tokyo Institute of Technology, Japan  
 Ms. Han, Zhang Tsinghua University, China  
 Mr. Wiraphong Phimonaree Saraphi Technical College, Thailand  
 Mr. Pracharat Duangchai Chulalongkorn University, Thailand

# Participating Universities



# Organizers and Supporters

