

特点

- 机器人使用寿命长，工作范围大，能连续作业（焊接、打磨、喷涂等）
- 机器人的运动精度不受任何限制，精度高，易于操作

焊接实验室

新工科建设

人才强国战略

创新驱动发展战略

产教融合战略

智能制造战略

本实验室利用 ABB 的联动专用软件 MULTIMOVE 对 RB 1600 机器人进行控制，可以实现跟随、交叉、联动等三维联动动作。由两个机器人利用两个机器人模仿人类，协同配合完成标准的工业动作。

Technology Partners' Manual

Date : January 2021

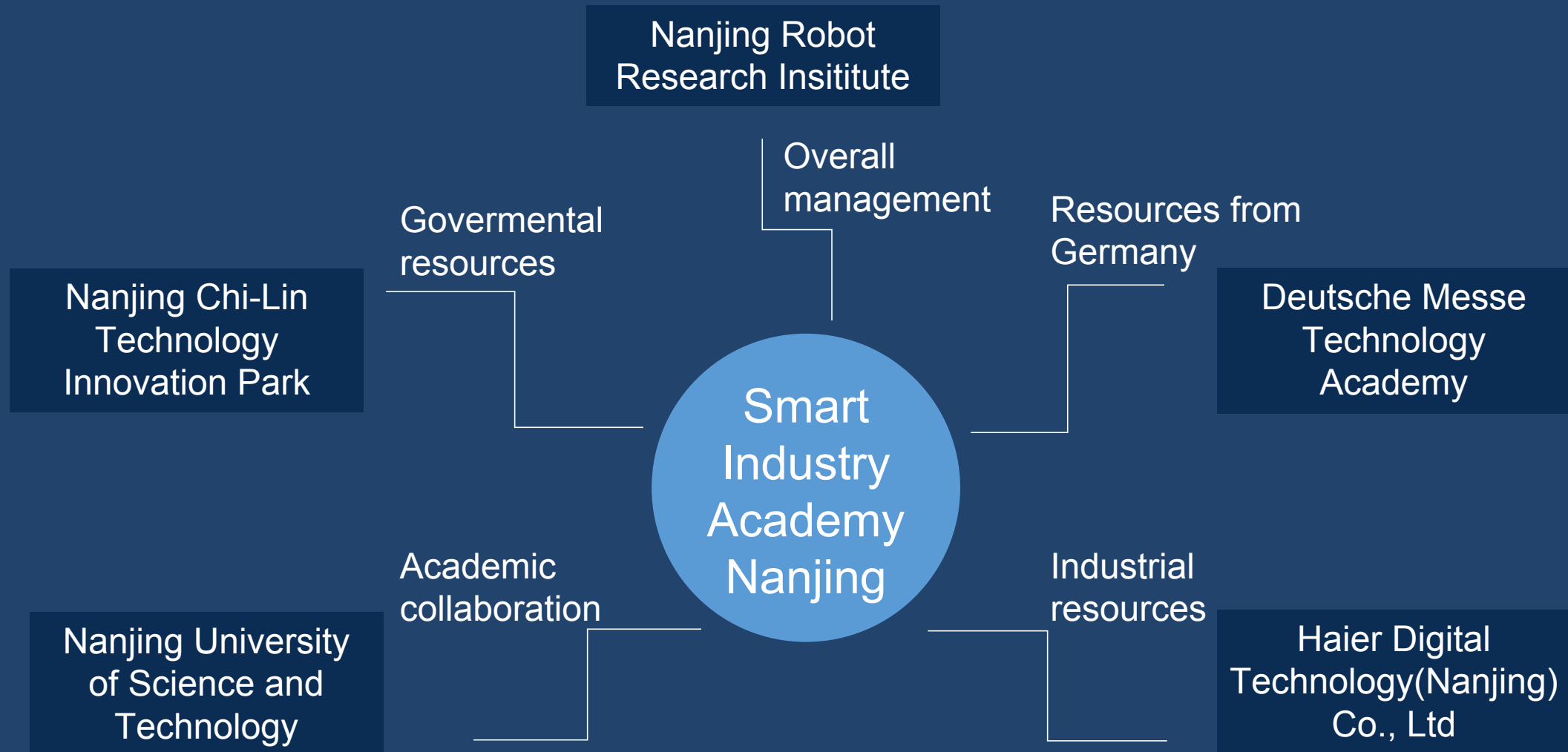
Smart Industry Academy Nanjing

Background

Smart Industry Academy Nanjing(SIAN)



Background of Smart Industry Academy Nanjing



Background of Smart Industry Academy Nanjing

Brand license

Deutsche Messe
Technology Academy

Brand license

Smart Industry Academy
Nanjing



DMTA provide
services for SIAN

→ Consultancy services

→ Additional services

→ Event and conference
→ Communication strategy

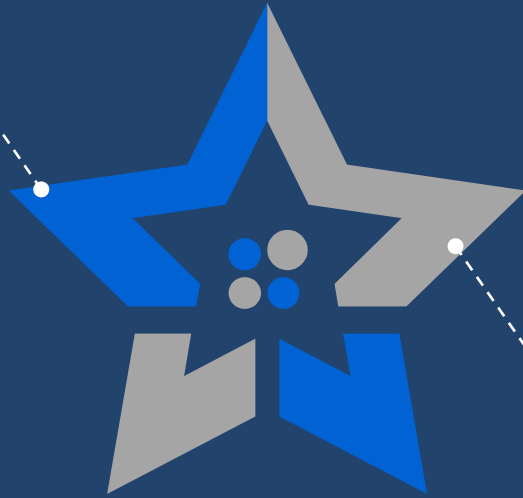
→ Technology support
→ Acquisition of partners

Gov. resources of Smart Industry Academy Nanjing

Nanjing Chi-Lin Technology Innovation Park

"1 + n" innovation and development system of CAS

- Nanjing College, University of Chinese Academy of Sciences
- Several Institute of Chinese Academy of Sciences



Innovation resources of domestic famous universities

One college + academic collaborators

Gov. resources of Smart Industry Academy Nanjing

Nanjing Chi-Lin Technology Innovation Park

Two new industrial climaxes

- Artificial intelligence
- Information technology



A new type of economy

- Corporate headquarters
- Internet service platform

- High degree of concentration
- Complete categories
- Remarkable results of innovation resources

Operator of Smart Industry Academy Nanjing

Nanjing Robot Research Institute

NRRI is an academia-local industry cooperation platform of Nanjing University of Science and Technology. It fully control and operate SIAN.

Principal business of NRRI :

- Integrating training resources of NUST
- Building robot engineering Academic collaboration
- Transformation of technological achievements
- Creating innovation for advanced technology and solution
- Enterprise incubation



Operator of Smart Industry Academy Nanjing

Haier Digital Technology (Nanjing) Co., Ltd

CosmoPlat provides core equipment of intelligent factory including:

- mass customization demonstration line
- industrial internet comprehensive training platform;
- intelligent education platform from Haier intelligent factory
- "1 + X" training system of education
- examination center of MIIT.

卡奥斯 COSMOPlat



Smart Industry Academy Nanjing

Missions & Visions

Missions & Visions of Smart Industry Academy Nanjing

To become core strength of China's manufacturing development

The mission of SIAN:

- Providing high quality talents for intelligent manufacturing industry
- Building a multi-functional public service platform
- Providing technology for China Application products and authoritative release.

The vision of SIAN:

- Cooperation between enterprises and Universities in China and Germany.
- Creating a channel to meet the needs of enterprises and scientific research transformation of universities

Opening Ceremony of Smart Industry Academy Nanjing



November 27, 2020

Official launch of SIAN

Four Platforms of Smart Industry Academy Nanjing

Display & immersive practice platform

- ◆ Exhibition of new technology and products
- ◆ Industry 4.0 demonstration line
- ◆ System integration platform

Engineering elite training platform

- ◆ Customized training courses
- ◆ Dual education system
- ◆ Immersive training platform

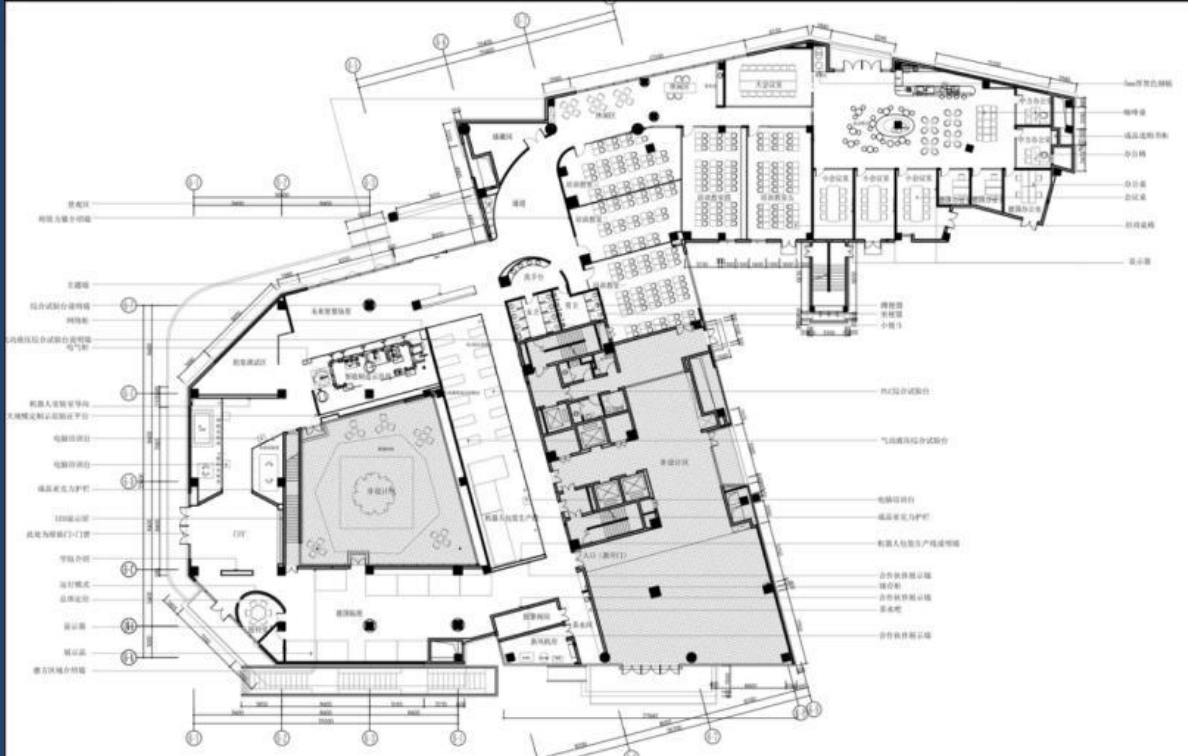
Academic exchange platform

- ◆ Acquisition international partners
- ◆ Holding top industry summit forum
- ◆ Authoritative release of the latest solution

R & D platform

- ◆ Research projects commissioned
- ◆ Cooperative development
- ◆ Technology transfer

Layout of Smart Industry Academy Nanjing



An area of about 3000 square meters and composed of four regions

- Immersion training area
- Multi functional training area
- Comprehensive training service area
- Ecological partner exhibition area

Smart Industry Academy Nanjing

Qualification evaluation

- Group member of China Automation Society
- Member unit of Nanjing Industrial Internet Industry Alliance
- Chilin military civilian integration industrialization base
- Director unit of China additive manufacturing industry alliance
- Nanjing workstation of China Automation Society
- Jiangsu (Nanjing) robot R&D base of Haizhi plan of China Association for science and technology
- Innovation driven by China Association for science and technology helps Nanjing Service Center
- Chilin workstation of Jiangsu Artificial Intelligence Society
- Jiangsu artificial intelligence industry alliance

Smart Industry Academy Nanjing

Partner Benifit

Partner Benefit of Smart Industry Academy Nanjing

What can we provide for our partners?

Closed-loop resource chain



- Holding professional conferences and activities to attract professional audiences
- Providing professional platforms to build a closed-loop chain of intelligent manufacturing
- Providing resources to open up the resource ecosystem

Partner Benefit of Smart Industry Academy Nanjing

What can we provide for our partners?

Brand Propagation



- Opportunity to exhibit your equipment in the Hannover Industrial Expo
- Showing your brand and profile by medias to enhance brand awareness and attract potential customers
- Reserving the exhibition area of SIAN to create an exclusive booth
- Five training rooms and nine meeting rooms in SIAN can be reserved for use

Partner Benefit of Smart Industry Academy Nanjing

What can we provide for our partners?

Talent Development



- Priority to participate in the training of employees' professional skills to improve professional skills
- Providing government targeted policy project training consultation to help partners in declaration

Strategic Partners of Smart Industry Academy Nanjing

Partners with strategic cooperation

Operating partners



Business Incubators



Cooperative partners

- Jiangsu Institute of Higher Education
- Jiangsu Artificial Intelligence Society
- Jiangsu Geological Education Group
- Jiangsu Phoenix Vocational Education Group
- IKEA
- Xinfeng Thermal Power

Strategic partners of Smart Industry Academy Nanjing

Potential partner



2021 Event Schedule of Smart Industry Academy Nanjing

2021 Annual

- | | |
|--|-----------------------|
| ● Robot Congress of Germany | Date: February , 2021 |
| ● CAA First National Conference On Smart Education | Date: 2021 |
| ● National Intelligent Industry Summit | Date: March 2021 |
| ● National Intelligent Manufacturing Development Forum | Date: September 2021 |
| ● CAA Science and Technology Progress Award Ceremony | Date: September 2021 |
| ● 2021 International Service Robot Industry Forum | Date: July 2021 |
| ● Nanjing Innovation Week | Date: June 2021 |
| ● World Intelligent Manufacturing Conference | Date: November 2021 |

Thank you !

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南京智能制造学院
Smart Industry Academy Nanjing