ENRICH

EUROPEAN NETWORK OF RESEARCH AND INNOVATION CENTRES AND HUBS, CHINA

ENRICH in China Innovation Tour

May 6th - 11th 2018 | Shanghai, Wuxi and Chengdu

Participant Profiles

ENRICH
EUROPEAN NETWORK OF RESEARCH AND INNOVATION CENTRES AND HUBS, CHINA

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1.

Introduction

1. Introduction

ENRICH - European Network of Research and Innovation Centres and Hubs, China, is a centre to offer unique services to European research, technology and business organisations, connecting them to the Chinese market. ENRICH was just launched in October in China and it is ready to trigger all the scientific and technology collaborative potential of the Chinese market for the benefit of European research organisations and technology based companies including start-ups and SMEs. ENRICH's headquarters is hosted by the EU SME Centre in Beijing and the first regional Hub is in Chengdu.

Within the context of ENRICH in China, the project team is organising an Innovation Tour to China from May 6th to 11th in the cities of Shanghai, Wuxi and Chengdu. This mission will offer a unique opportunity for matchmaking in the Intelligent Manufacturing sector and opens a world of business, research and innovation cooperation opportunities in these 3 cities. Encompassed in the programme of the Innovation Tour is Chengdu's Europe Day, on May 10th. Celebrated annually since 1950, this event has a long track record of fostering collaborative ties among European and Chinese organisations.

This welcome pack document provides the whole programme of the business tour, detailed agenda of each activity and other practical information for the participants.

2.

List of Participants

2. List of Participants

Nº	Organisation	Person	Website	Country
1	ACCIO	Tian Yi	www.catalonia.com	China
2	ACCIO	Lydia Xue	www.catalonia.com	China
3	ACCIO	Mireia Fageda	www.catalonia.com	Spain
4	ACCIO	Ana Simon	www.catalonia.com	Spain
5	Advantage Austria	Luo Hao	www.advantageaustria.org	Austria
6	Airbus	Li Fei	www.airbus.com	China
7	Aqua-Valley	Emilie Fillol	www.aqua-valley.com	France
8	Arctic Centre	Bamidele Raheem	www.arcticcentre.org	Finland
9	Arena Innovation	Hans Marius Schuster	www.arena-innovation.com	Germany
10	HLW	Helga Wilke		Germany
11	HUST-Wuxi Research Institute		www.hust-wuxi.com	China
12	Innovation Norway	Peng Gao	www.innovasjonnorge.no	Norway
13	_MEDIATE	Katja Nettesheim	www.mediate-group.com	Germany
14	National University of Sciences and Technology Islamabad	Nassar Ikram	www.nust.edu.pk	Pakistan
15	SKL-MCCS	Fei-Yue Wang	www.sklmccs.ia.ac.cn	China
16	TTY Foundation	Francesc de Borja Ramis Ferrer	www.tut.fi	Finland
17	UAB Altechna R&D	Gintautas Slekys	www.wophotonics.com	Lithuania
18	UAB Vertes Technologija	Andrius Slekys		Lithuania
19	University of Groningen	Wanli Zheng	www.rug.nl	Netherlands
20	University of Oulu	Jiehan Zhou	www.oulu.fi	Finland
21	University of Oulu	Eva Raudasoja	www.oulu.fi	Finland

Nº	Organisation	Person	Website	Country
22	University of Oulu	Mari Susanna Pirttikangas	www.oulu.fi	Finland
23	University of Oulu	Jukka Riekki	www.oulu.fi	Finland
24	University of Tampere	Yuzhuo Cai	www.uta.fi	Finland
25	Wuxi Turbine Blade Co. Ltd.		www.turblade.com	China

3.

Agenda

3. Agenda

Date	Activity	City
Sunday, May 6th	Reception of Participants	Shanghai
Monday, May 7th	EU-China Intelligent Manufacturing Conference	Shanghai
Tuesday, May 8th	Business Visit in Shanghai Trip to Wuxi Business Visit in Wuxi	Shanghai and Wuxi
Wednesday, May 9th	EU-China Innovation Seminar B2B Meeting	Wuxi
Thursday, May 10th	Flight to Chengdu Europe Day	Wuxi and Chengdu
Friday, May 11th	Business Visit Culture Landmarks Visit	Chengdu

4.

Organisations Profiles

Aggregated

4. Organizations Profiles - Aggregated

The participants come from a broad spectrum of organisations. Universities and consultancy companies are the organisation types with greater representation on the 2018 ENRICH in China Innovation Tour. A total of 5 universities will be represented, of which three are from Finland:

- University of Tampere
- University of Oulu
- Artic Centre (University of Lapland)
- University of Sciences and Technology of Islamabad
- University of Groningen

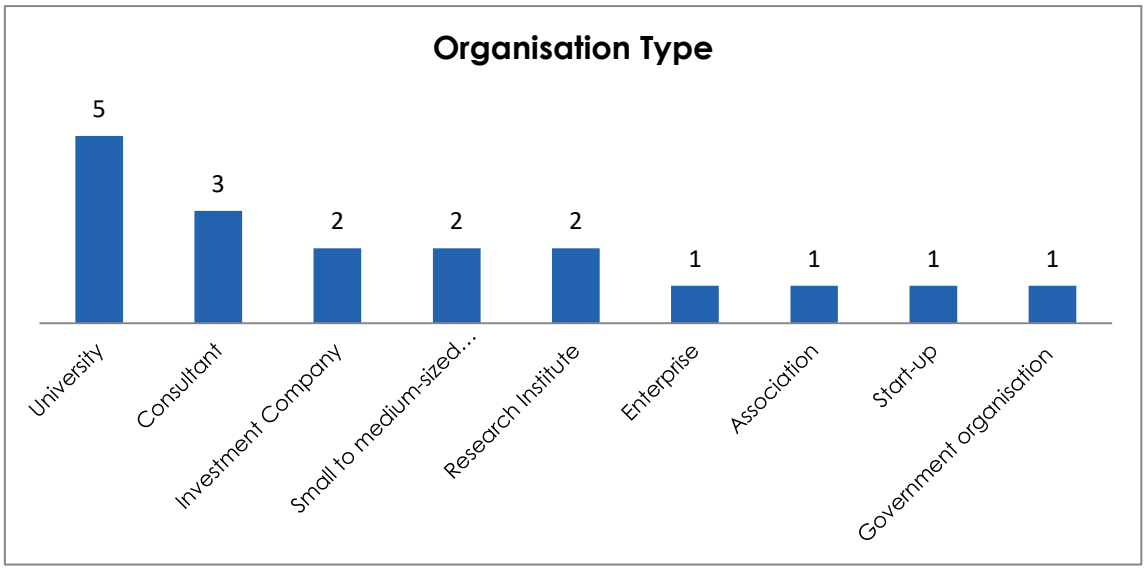

Figure 1 – Innovation Tour participants' organisation type

It is important to note that in the application form, the participants chose more than one organisation type according to their field expertise, therefore the count of organisation types in Figure 1 is greater than the actual number of participants.

The Innovation Tour will have a universities abovementioned, a big research centre (Artic Centre) and the Trade and Investment Association from Catalonia, thus the predominance of big companies (>250 employees). The Tour will also have small companies looking to explore new markets or to learn best practices from the Chinese Industry 4.0.

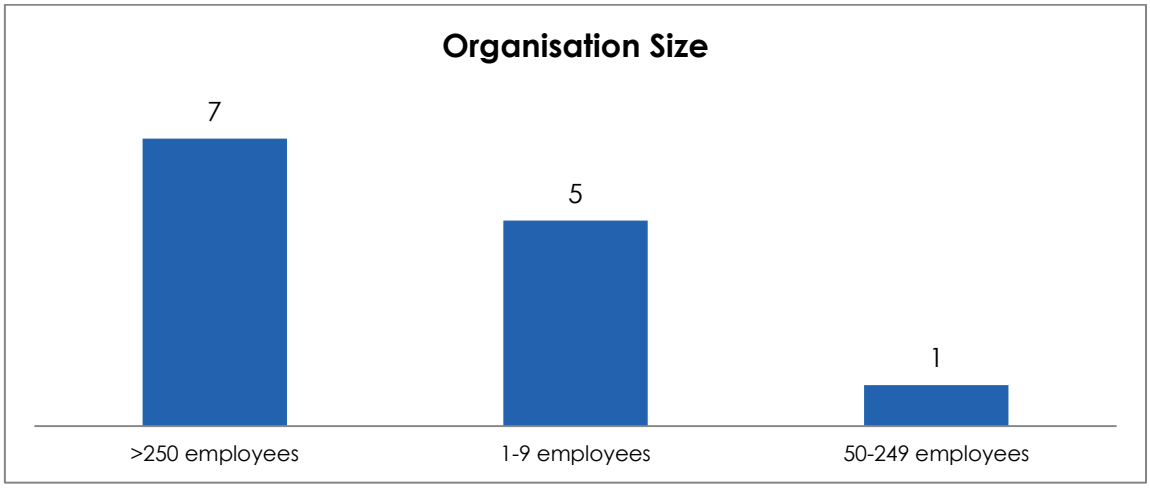

Figure 2 - Innovation Tour participants' organisation size

The participants mostly operate in the ICT, Manufacturing and Energy sector. Thus, the participants fit within the framework of the Tour. The participants will not only benefit greatly from the tour's workshops, conferences and business visits, but will also contribute for the success of the activities prepared for them.

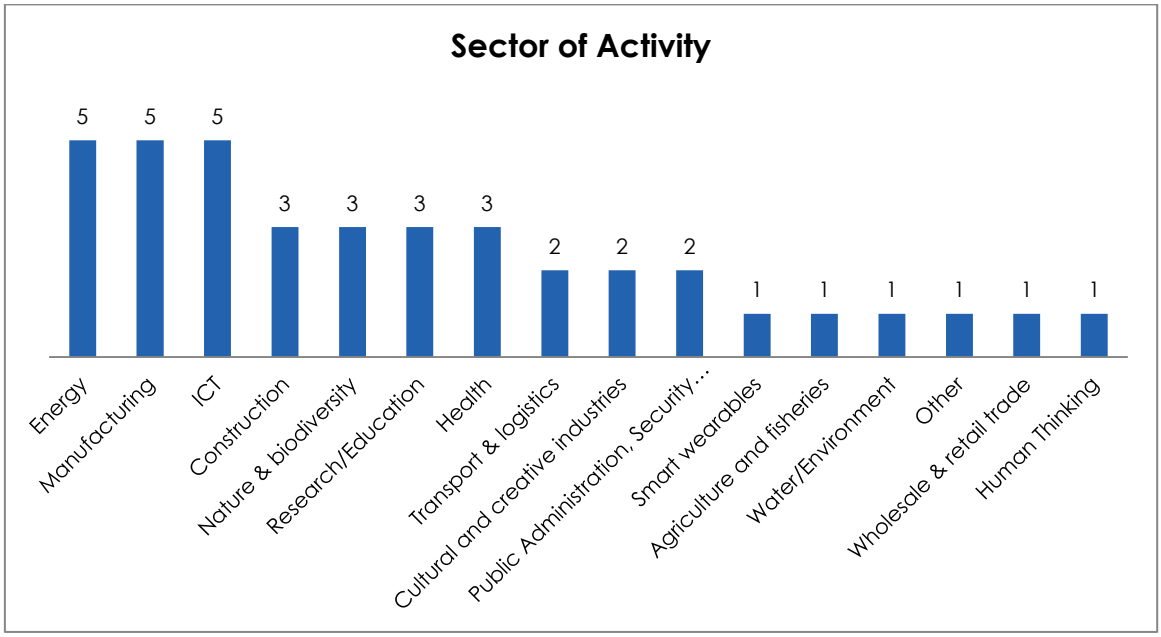

Figure 3 - Innovation Tour participants' sector of activity

It is important to note that in the application form, the participants chose more than one sector of activity according to the services they provide, therefore the count of sectors of activity in Figure 3 is greater than the actual number of participants.

To conclude, the participants enumerated the following objectives:

1. Better understand the Chinese landscape on Intelligent Manufacturing (IM)
2. General networking with Chinese and European stakeholders from STI fields
3. Identify business opportunities to my organisation
4. Explore new opportunities for research projects and research partnerships
5. Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe
6. Promote/sell my products and services to Chinese or European potential clients
7. Transfer my technology to the Chinese market
8. Meeting up with clients, providers and/or competitors from sector of activity

The participants want to better understand China Industry 4.0 state-of-art and, consequently, identify opportunities for their businesses. The chances to meet new partners and generate partnerships are also core objectives that the participants have in mind. The Tour will benefit the participants and also the Chinese stakeholders that will intervene in the Innovation Tout activities.

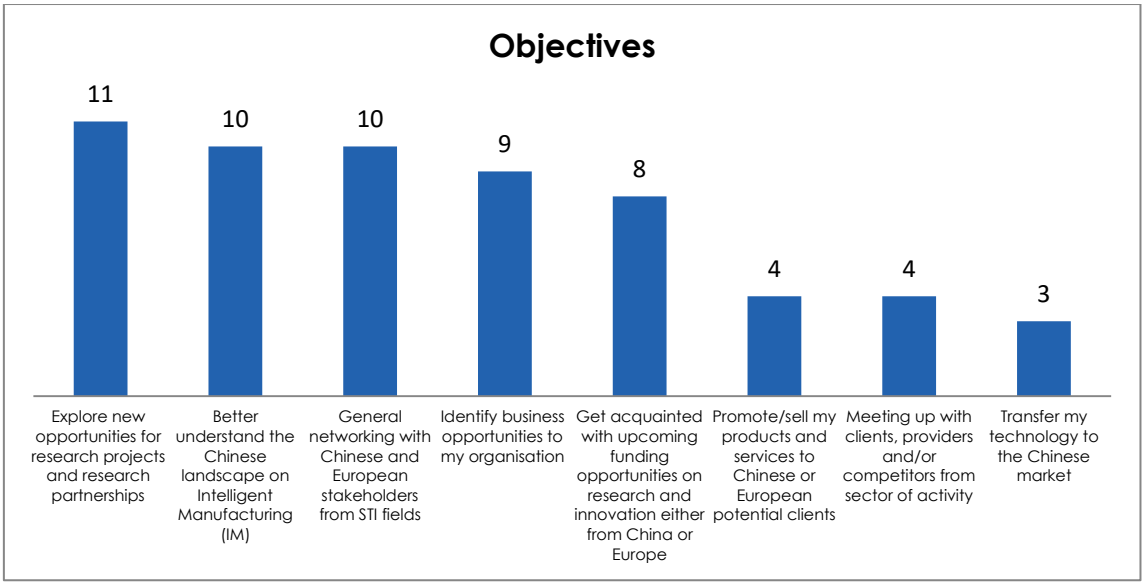

Figure 4 - Innovation Tour participants' objectives

It is important to note that in the application form, the participants set more than one objective for the Innovation Tour according to their expectations, therefore the count of objectives in Figure 4 is greater than the actual number of participants.

5.

Organisations Profiles

Individual

5. Organisations Profiles - Individual

5.1. ACCIO - Catalonia Trade & Investment (www.catalonia.com)

General Description

Catalonia Trade & Investment international offices support international companies considering doing business in Catalonia and Catalan companies wishing to operate globally. Connect to our worldwide network of offices in more than 100 markets.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships
- Identify business opportunities to my organisation

5.2. Airbus (www.airbus.com)

General Description

Airbus is an international pioneer in the aerospace industry. We are a leader in designing, manufacturing and delivering aerospace products, services and solutions to customers on a global scale. We aim for a better-connected, safer and more prosperous world.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships

5.3. Aqua-Valley (www.aqua-valley.com)

General Description

Aqua-Valley is a French Competitiveness Water Cluster, based in Montpellier and funded by the French government and Regional authorities.

Aqua-Valley is promoting partnerships through collaborative projects between businesses and academics to support innovation and international development in the water sector. Other partners may be part of this network such as public authorities and firms providing business services.

Since 2013, Aqua-Valley has been focusing on the development of an international partnership named France Water Team. Along with other international Water Clusters, Aqua-Valley is building a worldwide network with water actors to help French companies to improve their economic performances through partnerships in a dynamic and growing international environment.

All these actions are meant to strengthen collaboration and encourage the sharing of experiences and good practices between all members of Aqua-Valley, and those of its international partners.

France Water Team is a worldwide clusters network for water sector companies to improve their economic performances in a dynamic and growing international environment.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships
- Identify business opportunities to my organisation
- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.4. Arctic Centre (www.arcticcentre.org)

General Description

The Arctic Centre of the University of Lapland is internationally recognized for the quality and relevance of its multidisciplinary Arctic research, which is our key activity. Through this research, the Arctic Centre promotes increased knowledge, awareness and understanding of the Arctic both within and outside the region. This research supports decision-making and sustainable development in the Arctic.

The multidisciplinary research at the Arctic Centre focuses on the interaction between man and the nature. International research is carried out in the arctic, subarctic and boreal zones. The research builds new multidisciplinary and interdisciplinary practices between natural and social environmental research.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- Explore new opportunities for research projects and research partnerships
- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.5. Arena Innovation (www.arena-innovation.com)

General Description

ARENA INNOVATION is an Innovation strategy consulting company based in Stuttgart, Germany. It provides technical expertise and high quality programme implementation for infrastructure, research and innovation projects in the fields of transport, energy and telecommunications - from seeking customer insights to developing and testing new prototypes, as well as designing new products.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Identify business opportunities to my organisation
- Transfer my technology to the Chinese market
- Promote/sell my products and services to Chinese or European potential clients
- Meeting up with clients, providers and/or competitors from sector of activity
- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.6. HUST-Wuxi Research Institute (www.hust-wuxi.com)

General Description

HUST-Wuxi Research Institute was founded in June 2012. The institute is a member institute of the Institute of Digital Manufacturing Equipment and Technology of Jiangsu Industrial Technology Research Institute (JITRI) as of October 2015. It is supported by HUST (Huazhong University of Science and Technology) and the Government of Wuxi City. The institute has a staff of 131 personnel and more than 24,300m^2 of lab and office space. It also has specialised research equipment, including STARRAG 5-axis Boring and Milling Machine Centre, LIECHTI 5-axis Boring and Milling Machine Centre, FARLEY 6kw-Fiber Laser Precision Processing System, Laser Rapid Prototyping System, WENZEL Three-coordinate Measuring Machine, etc. The institute provides technical services for more than 60 enterprises.

The main R&D fields of HUST-Wuxi research Institute focus on

- High efficient and precision processing technology
- Intelligent control technology of equipment
- Automation systems technology in Intelligent manufacturing

5.7. _MEDIATE (www.mediate-group.com)

General Description

_MEDIATE supports established companies to raise their digital revenues – for nearly 10 years now, based in Berlin, Germany. One route we thereby practice is to increase the internal innovation ability of our clients. The second is to mediate partnerships between traditional German companies and mostly foreign start-ups or digital grown-ups - or investments by the German companies. Also, we have repeatedly been tasked with the market entry of foreign innovative companies into the German markets, leveraging our large network in various industries for the use of our clients. Originally mostly active in the internet and classical media sectors, we moved on to include (ad) tech and manufacturing companies into our circle of clients in the last years.

Also in context with our founder's professorship for Digital Management at Steinbeis Hochschule Berlin, our current fields of interest and research are innovation (culture, organizational structures, processes), digital business models, and in particular how blockchain resp. distributed ledger technologies will change the business ecosystem.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships
- Identify business opportunities to my organisation
- Promote/sell my products and services to Chinese or European potential clients

5.8. The National University of Sciences and Technology (www.nust.edu.pk)

General Description

The National University of Sciences and Technology (NUST) aims to emerge as a leading research intensive university of Pakistan, comparable to the top universities of the world within the next 10 years. It will be a comprehensive, residential university, responsive to technological change, dedicated to excellence and committed to international education perspective. The University will fulfil its responsibility of graduating culturally enlightened, technologically knowledgeable, and academically competent and research-oriented productive citizens who are prepared to lead, to inspire, and to serve humanity. The University commits itself and all its resources to this trust and responsibility.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships

- Identify business opportunities to my organisation
- Transfer my technology to the Chinese market
- Promote/sell my products and services to Chinese or European potential clients
- Meeting up with clients, providers and/or competitors from sector of activity
- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.9. The State Key Laboratory for Management and Control of Complex Systems (www.sklmccs.ia.ac.cn)

General Description

The State Key Laboratory for Management and Control of Complex Systems (SKL-MCCS) is hosted by the Institute of Automation, Chinese Academy of Science (CASIA). It started as the Laboratory for Control of Complex Systems in 1991, and became the Key Laboratory of Complex Systems Engineering of Chinese Academy of Sciences in 1994. In 2011, The Ministry of Science and Technology (MOST) of the People's Republic of China officially approved the plan of construction of the SKL-MCCS for a period of two years.

Currently the SKL-MCCS has almost 100 faculty members, over 200 research staff members, and 200 graduate students and more than 100 researchers and engineers in branches outside Beijing. The SKL-MCCS also hosts more than 100 visiting scholars from China and other countries.

Facing the forefront of international academia, and responding to the major national strategic needs, ACP (Artificial Societies, Computational Experiments, Parallel Execution) approach based Parallel Intelligence theory was originally presented by SKL-MCCS to meet the challenges of management and control for complex systems involving engineering complexity and social complexity in engineering, society, economy and national defense. Based on ACP approach, SKL-MCCS carries out basic theory research, cutting-edge core technology development and major engineering applications, covering parallel management and intelligent control, advanced control based on robotics, intelligent medicine and cyber-based social computing. Through years of construction, the laboratory is thriving to become a world-class platform for scientific research, leading-edge technological innovation and talent cultivation.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships
- Identify business opportunities to my organisation

- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.10. TTY Foundation SR (www.tut.fi)

General Description

Tampere University of Technology (TUT) operates since 2010 in the form of a foundation (TTY-Foundation). At TUT, there are about 10,000 under- and post-graduate students, incl. 1400 international students, and over 160 professors. TUT, with an annual income in 2013 of 158 M€ including state funding of 82 M€, is a research-intensive university, pioneer in technology transfer and an acknowledged cooperation partner among the scientific community and business life. In 2013, TUT obtained 73% of its total research expenses, 73 M€, as external funding. TUT has a 50-year track-record in collaborative research with the industry. At TUT the share of company funding for research is twice than the average at other Finnish universities. Since nearly 30 years TUT is shareholder of a company specialized in technology transfer and open innovation promotion. TUT co-funds the TUTLI programme offering flexible and fast environment for evaluating and developing research results into business. TUT's EU support team deals with legal, financial and administrative issues of EU projects.

Internationality is an inherent part of all the University's activities. Around 1,400 foreign nationals from more than 60 countries work or pursue studies at TUT. This is also shown by TUT large number of Marie Curie projects of which TUT coordinates seven ITN and one IRSES projects. TUT had the fourth largest FP7-project portfolio of all Finnish universities. TUT has most FP7 Research for the benefit of SME-projects of all universities in Finland. In addition, TUT was awarded with the European Commission's "HR Excellence in Research" logo.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships
- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.11. UAB Altechna R&D (www.wophotonics.com)

General Description

Since 2007 we have been carrying out extensive research in the field of ultrashort laser micromachining. By now we have gained significant knowledge in developing of laser micromachining workstations and optimizing femtosecond laser processes for unique tasks. Our growth is fueled by culture of open innovation and partnership with the local laser sector companies and worldwide partners. Workshop of Photonics is constantly involved in projects connecting scientific inventions with the market needs.

We develop instruments and solutions for ultrashort laser micromachining tasks, from feasibility studies to laser micromachining workstations and state of the art technological solutions. Our products and services are targeted to both industrial and academic customers.

Workshop of Photonics key competencies:

- Feasibility studies on ultrashort laser micromachining
- Development of custom laser micromachining workstations and optical modules
- Laser system automation software
- Small scale production (job shop) in the area of laser micromachining

Objectives of the mission to China

- General networking with Chinese and European stakeholders from STI fields
- Identify business opportunities to my organisation
- Transfer my technology to the Chinese market
- Promote/sell my products and services to Chinese or European potential clients
- Meeting up with clients, providers and/or competitors from sector of activity

5.12. UAB Vertes Technologija

General Description

Vertes Technologija was incorporated as an investment company focused on holding interests in high tech companies. Currently the company has a number of investments in the photonics space, namely companies focused on optics and laser components manufacturing, laser manufacturing and industrial laser applications. All of the investee companies are based in Vilnius, Lithuania, however the businesses are predominantly export oriented and export c. 90% of the goods and services to outside markets, of which China is the largest.

Objectives of the mission to China

- General networking with Chinese and European stakeholders from STI fields
- Identify business opportunities to my organisation
- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.13. University of Groningen (www.rug.nl)

General Description

The University of Groningen is a research university with a global outlook, deeply rooted in Groningen, City of Talent. Quality has had top priority for four hundred years, and with success: the University is currently in or around the top 100 on several influential ranking lists.

We collaborate with a number of renowned, foreign universities, including Uppsala, Göttingen and Ghent. The University of Groningen is very popular with its 27,000 students and 5500 staff members from home and abroad. Talent is nurtured, enabling the University to bridge the gap between science and society. We are committed to actively collaborating with our social partners, with a special focus on the research themes Healthy Ageing, Energy and Sustainable Society.

The Faculty of Science and Engineering harbours a kaleidoscope of disciplines and research strengths. Our programmes in research and education range from nanomaterials and biomachinery to astronomy, from mathematics to pharmacy, from neurosciences to computer science, and from molecular and evolutionary biology to marine biology.

Our researchers pursue fundamental key questions while collaborating with partners from industry, the medical world and other realms of society. Frontline research groups explore new fields such as synthetic biology and sustainable energy use.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships
- Identify business opportunities to my organisation
- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.14. University of Oulu (www.oulu.fi)

General Description

The University of Oulu is usually ranked in the top two per cent of all the 17,000 universities of the world. Our strong point is our publishing activity, such as citations and publications in Nature and Science. Among the fields of science, we rank well in clinical medicine, medicine, dentistry, life sciences, biology, information technology and data processing, electrical engineering, ecology and geography.

There are 8 faculties in the University of Oulu: Faculty of Biochemistry and Molecular Medicine, Faculty of Education, Faculty of Humanities, Faculty of Information Technology and Electrical Engineering, Faculty of Science, Faculty of Medicine, Faculty of Technology, Oulu Business School. Oulu Mining School and Oulu School of Architecture combined to the Faculty of Technology in 2018.

Objectives of the mission to China

- Better understand the Chinese landscape on Intelligent Manufacturing (IM)
- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships
- Identify business opportunities to my organisation
- Transfer my technology to the Chinese market
- Promote/sell my products and services to Chinese or European potential clients
- Meeting up with clients, providers and/or competitors from sector of activity
- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.15. University of Tampere (www.uta.fi)

General Description

The University of Tampere (UTA), Finland, is a culturally-committed higher education institution with the social mission of educating visionaries who understand the world and change it. With its six faculties and some 15,000 degree students, UTA is one of the largest and most popular universities in Finland.

Objectives of the mission to China

- General networking with Chinese and European stakeholders from STI fields
- Explore new opportunities for research projects and research partnerships
- Get acquainted with upcoming funding opportunities on research and innovation either from China or Europe

5.16. Wuxi Turbine Blade Co. Ltd. (www.turblade.com)

General Description

Wuxi Turbine Blade Co., Ltd, the biggest professional turbine blade supplier of large-sized power generation stations in China, is a core enterprise of Shanghai Prime Machinery Co., Ltd. (PMC), which is a listed company in the Hong Kong Stock Market (HK2345). It mainly provides complete sets of various blades used in turbine and gas turbine of large-sized power generation stations, various industrial turbines, blower and axial-flow compressor, as well as different types of blades for after-market. The company has topped the list in terms of capability of producing large-sized turbine blade worldwide.

Contact us in China and in Europe!

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CSTEC

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清华大学 Tsinghua University

The University of Nottingham
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Authors:
ENRICH in China Team

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