

*The MSPI  
Class of 2013*



How Will You Innovate For a Better World?

Master in Sustainable Product Service System Innovation



# Welcome to MSPI!

Do you want to join a cutting edge program that addresses society's sustainability challenges by innovating products and services?

Master's in Sustainable Product-Service System Innovation is an educational program at Blekinge Institute of Technology.

Industry needs people who understand what the world wants: innovative products and services delivered in the most sustainable way possible. At BTH, we believe that combining an overarching approach to socio-ecological sustainability with a Design Thinking approach to meeting market and human needs through product-service systems is the way of the future, and we are doing our part to show the way.

By closely collaborating with our industrial partners, we are preparing people to be the next generation of innovators by bringing together engineering, innovation, and sustainability competence through this unique master's program.

For more info visit: [www.mspi.se](http://www.mspi.se)



## Claire Cariou

claire.cariou.13@eigsi.fr

Mechanical Engineer

Claire was born and spent the first two decades of her life in Brest, France. She has a bachelor in Mechanical Engineering from EIGSI La Rochelle. Claire has work experience in implementation of new technologies inside a company and CAD projects. In the future, she would like to bring her knowledge to be the link between the Design and the Manufacturing department of a factory.

While at the Blekinge Institute of Technology, Claire wants to learn more about innovation and new kind of creative design products or materials that integrate sustainability in order to contribute to make people think differently. Furthermore, Claire is passionate about music and dancing, she is an experienced classic violin (almost 15 years) and she enjoys ballroom dancing. Travelling through Europe helps her discover more about cultural differences and integration.

She is described as an easygoing woman who is serious, reasonable and adaptable. She is very motivated to work in an international environment, able to work independently or in team and she has good communication and people skills.

Yi Chai is from Shanghai, China. She studied Automation in Shanghai Second Polytechnic University and became a “3+1 collaboration” student studying Electrical Engineering in Blekinge Institute of Technology, Karlskrona, Sweden. In 2012, she obtained double bachelorship diplomas in both universities. Now her passion is to learn and spread sustainability and in so, has joined MSPI.

MSPI gives her a chance to open her eyes to a sustainable way of thinking and working. She wants to implement sustainable knowledge into her background area. She likes to spread sustainable knowledge to other people. The great efforts made by many people will help and lead the world to achieve a sustainable running style.

During her studies she has always taken part in social activities. In 2010, she became a volunteer for Shanghai EXPO. In summer of 2012, she was interested in taking care of young people in a Summer Camping in Karlskrona and connecting more to local people. Yi has many interests in life, music, painting, sports and travelling. Those which can give relax and inspiration to her.



## Yi Chai

cychai2012@gmail.com

Electrical Engineering and Automation



## Zhenqing Gao

[gao5595@hotmail.com](mailto:gao5595@hotmail.com)

Electrical Engineering and Automation

Zhenqing Gao is just graduated from Shanghai university on his bachelor in Electrical Engineering and Automation. He was born and grew up in downtown of Shanghai. Shanghai is one of the biggest cities in China. Generally speaking, he is a 24 year old young fellow with patience and humor.

During his high school and university life, Gao has always loved to take part in the school's various interest groups and sports activities, so he has always made lots of good friends.

Gao is good at physics and mathematics, and because of his major, in the past 3 years, he has usually been working and learning about signal processing in the laboratory. After him graduating from the SHU, he wanted to study abroad.

For recent years, Shanghai has been paying more and more attention to environmental protection and to accelerating industrial transition from large-scale industry to service industry. As a result, Gao chose the BTH Sustainable Product Service System Innovation program, with which he aims to touch and acquire knowledge on the latest sustainable technologies.

Mengqiong Liu who is full of enthusiasm about travelling and students' activities comes from China.

Her master's graduation thesis is about Cultural Revolution in Enterprises, and she has not only published three academic papers in the span of two years from 2010, but also got the certification of National Human Resource Management.

In 2012, after finishing her Master Degree of Management in Kunming University of Science and Technology in advance, she believed that it was not really enough, and she would like to push a new train of thought with sustainability in management and operation field. That was still an omission in China. Then she made up her mind to be an exchange student and learn more about sustainability principles and trends here in BTH. And during her learning process, she has mastered the law of sustainability and got a well handling of appliance of strategic sustainable development as well as product and services innovation.

And now her aim in BTH is to succeed in finding the bonding point between world outlook of sustainability and the methodology which is implemented in real-world problems.



## Mengqiong Liu

[mengqionliu@hotmail.com](mailto:mengqionliu@hotmail.com)

Management



## Itziar López

itziarlpc@gmail.com

Industrial Design Engineer

Born in Vitoria-Gasteiz and, from very small, being involved in activities related to nature such as a Boy Scouts and educated in the importance of recycling and quality over quantity; Itziar is very passionate about Danish cycling culture.

She holds an Industrial Design Engineering degree from Mondragon University, which made her reflect on to which extent industrial design as understood by society can be sustained in time. Developing her Bachelor thesis in Aalborg University, Denmark, opened her eyes to Product Service Systems and reminded the need of inspiration from nature, the smartest, most sustainable complex system. During many years she has collaborated actively with the NGO Saman Rivier, in several activities such as: summer camps, collection and distribution of medicines, clothes and food.

After working for five months in PepsiCo Packaging Department, she felt the need to bring sustainability awareness into business. Inspired by books such as “Cradle to Cradle” and conferences such as “Reformulating Cities Together”, she came to Karlskrona hoping to find the way to engage others to get into the boat.

With MSPI Itziar aims to expand horizons to better understand the needs of developing societies and create real sustainable solutions among organizations, spreading the sustainability spirit as a bee spreads the pollen.

Qiong Wan is from Kunming, China. In 2010, she received her Bachelor of Management. In the September of 2011, she was admitted to Kunming University of Science and Technology (KUST) for her accounting study, as a postgraduate. This year, as an exchange student, she is a member of MSPI.

During one year study in KUST, she got some experience. She took part in her tutor’s project for Qiaotoubao Strategic Management in Yunnan. She put forward her ideas upon sustainable aspects and exchanged her innovation ideas with her tutor. Meanwhile, as an assistant for dealing with student affairs, she developed her management skills and teamwork spirit. She was good at organizing student activities, and she respected different ideas of group members.

Sustainable development, as a concept in China, has been discussed more and more. With the new study in BTH, Qiong Wan hopes she can integrate sustainable product-service into management in order to balance industrial design, business management and sustainability.



## Qiong Wan

wanqiong063@126.com

Management and Accounting



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