



InnoLab: Innovation for Urban Living

Program Overview

Urbanization worldwide gives rise to both opportunities and challenges. Hosted on the campus of ShanghaiTech University, this workshop brings together young talents from diverse cultural backgrounds to tackle entrepreneurial challenges and seek to improve urban living through new innovations.

The workshop consists of three components: First, by engaging in interactive lectures and exercises, participants will learn to identify opportunities and manage innovations using disciplined methods. Second, participants will gain insights about the landscape of entrepreneurship in China and further realize the effect of innovation on urbanization in the developing countries. Third, participants will work in groups in an entrepreneurship tournament that will promote innovations for improving urban living. Participants will refine their business ideas using the tools introduced in the workshop and give a final pitch presentation at the end of the program. Winners will receive recognitions based on the assessment of a panel of judges.

The program will involve experts in innovation management, preeminent business school faculty, corporate innovators and successful entrepreneurs. This workshop provides valuable learning experience for students who have interests in starting new and innovative businesses.

Class Schedule (see more: 1-pager program)

Class time: July 17-27 (except July 22) 9:00-17:00

Place: Room 205, SEM Bldg, ShanghaiTech

Keynote Speaker Biography

Prof. Christian Terwiesch

Andrew M. Heller Professor, Wharton School, University of Pennsylvania

Christian Terwiesch is the Andrew M. Heller Professor at the Wharton School of the University of Pennsylvania. He is a Professor in Wharton's Operations and Information Management department, co-director of Penn's Mack Institute for Innovation Management, and also holds a faculty appointment in Penn's Perelman School of Medicine. His research on Operations Management and on Innovation Management appears in many of the leading academic journals ranging from Management Science to The New England Journal of Medicine. He is an award winning teacher with extensive experience in MBA teaching and executive education.

Professor Terwiesch is the co-author of Matching Supply with Demand, a widely used text-book in Operations Management that is now in its third edition. Based on this book, Professor Terwiesch has launched the first Massive Open Online Course (MOOC) in business on Coursera. By now, well over half a million students enrolled in the course.

His book, Innovation Tournaments, was published by Harvard Business School Press. The novel, process-based approach to innovation outlined in the book was featured by BusinessWeek, the Financial Times, and the Sloan Management Review and has led to innovation tournaments in organizations around the world.

Professor Terwiesch has researched with and consulted for various organizations. From small start-ups to Fortune 500 companies, he has helped companies become more innovative, often by implementing innovation tournament events and by helping to restructure their innovation portfolio.

Most of his current work relates to healthcare and innovation management. In the healthcare space, some of Professor Terwiesch recent projects include the design of patient centered care processes in the VA hospital system, the impact of emergency room crowding on hospital revenues and the patient experience at Penn Medicine, and the usage of patient portals and remote patient monitoring.

In addition to his teaching and his research, Professor Terwiesch is experimenting with a new career as a host of a national radio show on Sirius XM 111. Also, after 20 years of Ironman racing, he is trying to become a competitive rower, a transition that unfortunately turns out to be harder than expected.

Speaker Biographies (continue to update)

Prof. Hanming Fang

Dean, School of Entrepreneurship and Management, ShanghaiTech University

Professor Fang received his BA in Economics from Fudan University in 1993; and MA in Economics from the University of Virginia in 1995. He received his PhD in Economics from the University of Pennsylvania in 2000. From 2000 to 2007, Professor Fang was on the faculty at the Department of Economics at Yale university, first as an assistant professor and then as an associate professor. From 2007 to 2009, he was an associate professor in Department of Economics at Duke University. He joined the Department of Economics at the University of Pennsylvania in 2009, and currently holds the title of the Class of 1965 Term Professor of Economics. He is appointed as the Dean of the School of Entrepreneurship and Management at the ShanghaiTech University from January 2018.

Judge Biographies (continue to update)

Prof. Ding Lu

Vice Dean, School of Entrepreneurship and Management, ShanghaiTech University

Ding Lu graduated from Fudan University (China) in 1983 with a bachelor degree and a master's degree in 1986. He received a PhD degree in economics from Northwestern University (USA) in 1991. Before joining ShanghaiTech University, he had been a tenured professor at the University of the Fraser Valley, Canada, since 2008 and a tenured professor at Sophia University in Tokyo in 2005-2008. His academic career also consists of affiliations with National University of Singapore (1992-2005) and University of Nebraska at Omaha (1991-92). He served as President of the Chinese Economists Society (North America) in 2011-2012. Over years, he has been a special-term guest professor at Fudan University, Shanghai University of Finance and Economics, and XiAn International University as well as a senior research fellow at East Asian Institute of Singapore.

Faculty Biographies

Suting Hong

Assistant Professor, School of Entrepreneurship and Management, ShanghaiTech University

Suting Hong is an assistant professor at School of Entrepreneurship and Management of ShanghaiTech University. Her research interests lie in entrepreneurial finance, innovation, and consumer finance. Her recent work examines how competition in the venture capital market affects success of start-ups. Professor Hong received her B.A. in Finance from Nanjing University in China and her Ph.D. in Economics from Drexel University.

Meng Meng

Designer and entrepreneur

Meng Meng is a designer and entrepreneur currently leading the business design and operation of a printing startup in Shanghai. He had work in IDEO Palo Alto & Shanghai, the BBC in London, New Frontier in Hong Kong, GitCafe and ArcheX in Shanghai, to develop and ship world-class, beloved user experience and products. As a Master graduate from

the top design institute in Sweden, he believes in creating value with strategic mind and hands-on design practice which bridge business and technology to users.

Coordinator Biographies

Shuyan Zhou

Manager of Academic Affairs, School of Entrepreneurship and Management, ShanghaiTech University

Ms. Shuyan Zhou, Manager of Academic Affairs at SEM, will be the contact person on SEM side for administration and logistics tasks. Her help will mainly contribute to the overall organization of the InnoLab program.

Ms. Shuyan holds an MSc in International Business and Management at The University of Manchester, UK. Since 2013, she has been responsible for overall administration of SEM undergraduate and graduate curriculum and programs, and has organized a variety of SEM extra-curricular activities, including International Student Innovation Competition, MIT- China Educational Technology Initiative Program, Tom Kelley's Creative Confidence Lecture, Arts and Innovation workshops, and Design Thinking workshops. She also worked as a facilitator for Design Thinking and Communication topics at undergraduate and graduate level.

Yifan Tian

Research Assistant, School of Entrepreneurship and Management, ShanghaiTech University

Yifan Tian is a research assistant in prof. Hong's project at School of Entrepreneurship and Management of ShanghaiTech University. She will be the contact person on SEM side for administration and logistics tasks. Her help will mainly contribute to the overall organization of the InnoLab program. Yifan Tian received her dual bachelor in History and Economics from Nankai University in China and her MSc in Business Economics from the University of Amsterdam, the Netherlands.

Company Background



Dow combines the power of science and technology to passionately innovate what is essential to human progress. The Company is driving innovations that extract value from material, polymer, chemical and biological science to help address many of the world's most challenging problems, such as the need for fresh food, safer and more sustainable transportation, clean water, energy efficiency, more durable infrastructure, and increasing agricultural productivity. Dow's integrated, market-driven portfolio delivers a broad range of technology-based products and solutions in high-growth sectors such as packaging, infrastructure, transportation, consumer care, electronics, and agriculture.



XNode is a startups accelerator & coworking space in Shanghai. XNode is deeply rooted in China, while very open to the international community. It is at the crossroad that builds bridges between institutions, corporations, startups and tech lovers to foster innovation and synergy. Startups take advantage of an incredible and vibrant ecosystem designed for them, with easy access to a diverse portfolio of resources. They also get desks and offices in prime locations in Shanghai, at a very competitive rates, with corporate-standard office amenities. Starups like XNode because it is good at building bridges, facilitating communication between stakeholders from different backgrounds.

Sample Program (*tentative, subject to change)

Day 1 Tue, 7/17	Day 2 Wed, 7/18	Day 3 Thu, 7/19	Day 4 Fri, 7/20	Day 5 Sat, 7/21	Day 6 Sun, 7/22
9am-noon Introduction; Cultural Exchange	9am-noon Design Thinking: Introduction	9am-noon Design Thinking: Introduction	9am-noon Mastering Innovation Module 1	9am-noon Mastering Innovation Module II	Free Time
Lunch	Lunch	Lunch	Lunch	Lunch	
Scavenger Hunt	1-5pm Design Thinking: Introduction	1pm Company Visit: Dow	1:30-5pm Mastering Innovation Module I	1:30-5pm Mastering Innovation Module II	
	Dinner	Dinner	Dinner	Dinner	
Day 7 Mon, 7/23	Day 8 Tue, 7/24	Day 9 Wed, 7/25	Day 10 Thu, 7/26	Day 11 Fri, 7/27	
9am-noon Mastering Innovation Module III	9am-noon Prototyping	9am-noon User Feedback Collection	9am-11am Company Visit: Xnode	9am-noon Competition (Demo Day)	
Lunch	Lunch	Lunch	Lunch	Farewell Lunch	
1:30-5pm Mastering Innovation Module III	1-5pm Prototyping	1-5pm Improve Product/Services; Expert Panel	1-5pm Team Time		
Dinner	Dinner	Dinner	Dinner		