Glance of All Summer School Programs

Contact: iso.gis@sjtu.edu.cn
SJTU began to offer post-graduate education in 1931, and established the Graduate School in 1984. Since then, more than 80,000 Master or Doctoral degrees have been awarded to the graduate students. SJTU has established a complete post-graduate education and degree-awarding system, offering degree programs at both the master & doctorate levels in various disciplines. Currently, there are 30000+ registered postgraduates, including 14000+ full-time master students and 6700+ full-time doctoral students. There is also a team of high-quality faculties, including 46 academicians of Chinese Academy of Sciences and Chinese Academy of Engineering, 105 Thousand Talents Plan professors, 143 Thousand Youth Talents professors, 148 Chang Jiang Scholars, 123 winners of the National Science Fund for Distinguished Young Scholars, 14 innovative research groups funded by the National Natural Science Foundation of China, and 20 innovative research teams funded by the Ministry of Education of China.

For more information, please visit: http://en.gs.sjtu.edu.cn

A Glance of SJTU

Shanghai Jiao Tong University

Shanghai Jiao Tong University (SJTU), one of China’s higher education institutions with a long history and a world-renowned reputation is on its way to become a world’s first-class university. As a comprehensive, research-oriented, and internationalized top university, SJTU offers a wide range of degree and non-degree programs to students all over the world, and is looking forward to your joining.

Official Website : http://en.sjtu.edu.cn
Shanghai Jiao Tong University began to offer Graduate International Summer School programs since 2013, covering a wide range of specialties instructed by faculties from SJTU as well as other world leading institutions. Students can take courses from various specialties, while joining workshops, attending field trips and study tours. 2018 SJTU Graduate International Summer School (ISS) consists of 11 programs:

**Programs**

**Engineering**
1. "Ocean Dreams" — 2018 ISS on Naval Architecture, Ocean Engineering and Mechanics / p04
2. 2018 ISS on Green Building and Intelligent Energy-International Academic Forum for Undergraduate and Graduate Students / p06
3. The Third "Zh-Hong" ISS on Advanced Materials (ISS-AM) — Advanced Materials Processing / p08
4. 2018 UM-SJTU Joint Institute ISS - Smart Connected Systems for Internet of Things / p10

**Natural Sciences**
5. 2018 ISS on Frontiers of Applied and Computational Mathematics / p12

**Life Sciences**
6. The 6th SJTU-KTH ISS on Engineering and Health / p14
7. 2018 ISS on Brain Facts / p16
8. 2018 ISS of Pharmacy / p18
9. 2018 ISS on Green for Life / p20

**Art & Humanities**
10. 2018 ISS of Antai College Economics Management / p22
11. 2018 The 5th ISS on Cultural Economy / p24

Applicants are suggested to check the program website in advance and contact with the program manager to know specific application requirements and procedures. Usually, applications of international students should be made through: [http://apply.sjtu.edu.cn](http://apply.sjtu.edu.cn).

The following materials might be required:

- A scanned copy of the information page of your passport. The passport must be valid for at least 6 months for the visa application.
- ID photo (similar to a passport photo)
- Curriculum vitae
- Language proficiency certificate (if available)
- Motivation letter (if available)

For domestic students, or for programs with additional requirements (e.g., apply through emails, or another online application system), please follow the special requirements of each program.

Some programs offer financial support to cover partially the traveling expenses. For detailed information, please visit the website of each program, or contact the program managers.

SJTU Graduate International Summer School will be held mainly on two campuses: Xuhui and Minhang. Students will be arranged in on-campus accommodation or hotels off-campus, according to the program. Some programs will cover the accommodation cost. For details, please check the program homepage.

More information regarding to the accommodation reservation will be available after the students are admitted to SJTU Graduate International Summer School.
“Ocean Dreams”
— 2018 International Summer School on Naval Architecture, Ocean Engineering and Mechanics

Organizer: School of Naval Architecture, Ocean & Civil Engineering
Time: July 29 - August 12, 2018
Venue: Minhang Campus, Shanghai Jiao Tong University

> Program Overview

Naval architecture, ocean engineering and mechanics cover a wide range of knowledge and emphasize on both theory and practice. They involve scientific principles, innovation, imagination together with the fundamentals of mathematics, physics, mechanics, oceanography, etc. New concepts, technologies and methodologies on these subjects are constantly emerging. Since 2013, the International Summer School has been providing an opportunity of learning and mutual exchange for students to broaden their horizons and enrich their experiences.

On the basis of previous experiences, 2018 Summer School will continue to provide a golden opportunity for students to learn about the latest theories and applications in naval architecture, ocean engineering and mechanics through academic and cultural immersion. A wide range of courses in various disciplines will be provided by the world-class professionals and researchers. In addition, local excursions, cultural activities and field trips are also available to the participants from all over the world.

> Activities

Lectures, seminars, posters exhibition, study tour of museums and culture, field trips to research institutions and enterprises, scientific research in the lab under the supervision of the professors of SJTU, courses in Chinese culture and Chinese language, etc.

> About Faculty

We will invite professors and lecturers to give lectures from various countries, such as, France, U.S.A, UK, Italy, Denmark, Korea, Japan, and other universities in China.

> Fees and Scholarship

1. Tuition: waived.
2. Scholarships are available for students with excellent academic background.
3. Accommodation for international students:
   Double Room RMB 50-60/day; Single Room: RMB 80-110/day.
4. Transportation: The round-trip train fare & international airfare shall be borne by each participant.

> Eligibility

Graduate students interested in the theories and applications in naval architecture, ocean engineering and mechanics. Senior undergraduate students interested in pursuing a master or doctoral degree at SJTU.

> Application Deadline

July 1, 2018

> Agenda (Tentative)

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<tr>
<th>Date</th>
<th>Event</th>
<th>Venue</th>
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</thead>
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<tr>
<td>July 29</td>
<td>Registration and networking, accommodation check-in</td>
<td>Minhang Campus</td>
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<tr>
<td>July 30-Aug 3</td>
<td>Lectures, seminars and poster presentation</td>
<td>Mulan Building</td>
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<tr>
<td>Aug 4-5</td>
<td>Free activities</td>
<td></td>
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<tr>
<td>Aug 6</td>
<td>Outdoor activities, including table tennis, badminton, basketball,</td>
<td>Minhang Campus</td>
</tr>
<tr>
<td></td>
<td>soccer, swimming, etc.</td>
<td></td>
</tr>
<tr>
<td>Aug 7</td>
<td>Field trips to research institutions and enterprises</td>
<td>Shanghai</td>
</tr>
<tr>
<td>Aug 8-10</td>
<td>Chinese culture exploration and experience</td>
<td>Mulan Building</td>
</tr>
<tr>
<td>Aug 11</td>
<td>Opening ceremony</td>
<td>Shanghai</td>
</tr>
<tr>
<td>Aug 12</td>
<td>Leave</td>
<td></td>
</tr>
</tbody>
</table>

Website

Contacts
Ms. Li and Ms. Gao
Email: summerschool2018@163.com
Tel: +86 21 34206200/34206194
2018 International Summer School on Green Building and Intelligent Energy
— International Academic Forum for Undergraduate and Graduate Students

Organizer:
School of Electronic, Information and Electrical Engineering (SEIEE)
State Energy Smart Grid R&D Center (Shanghai)
Time: July-August, 2018
Venue: Minhang Campus, Shanghai Jiao Tong University; Dezhou Shandong; Nantong Jiangsu

Program Overview
In collaboration with SDC 2018 committee, we aim to provide diverse opportunities of cross-disciplinary studies, exchanges and practice for graduate students. Students are welcomed to participate in our program and seek for future educational opportunities in SJTU.

Themes
- Household microgrid and energy management
- Building art and housing industrialization
- Integrated design of solar building
- New energy utilization
- Smart home and energy internet
- Distributed energy resource and energy management cloud technology

Activities
- Themed lectures: SDC team leaders and renowned professors of related fields are invited here as lecturers.
- Academic exchanges: research ideas discussion & experience sharing of business cases & experience sharing of entrepreneurship cases
- Practical training: SDC 2018 competition site visiting & company tour & research

Scholarship
- Scholarships are available for outstanding students who are interested in pursuing further studies in SJTU.
- SJTU provides international students with access to a number of scholarships in our graduate programs. If you have interest in further education in SJTU, please visit the website http://isc.sjtu.edu.cn/EN/ for more information.

Eligibility
Students from all majors are welcomed (including senior undergraduates, master and doctoral students).

Application Deadline
June 30, 2018.

Award Assessment
The forum committee will make assessment on all participants and give awards to those with good performance. The materials of assessment include submitted paper, personal curriculum vitae and the study proposal for further education. Besides, excellent papers will be published in the cooperative magazine as a special edition.

Name List of Forum Committee Members:

- Hu Yue
  Researcher
  Field: Partial Discharge and Micro-energy System

- Yang Jian
  Professor
  Field: Structural Engineering and Novel Numerical Modelling

- Yang Zhi
  Professor
  Field: Nano Solar Cells and Nano Gas Sensor Devices

- Lyu Aimin
  Associate Professor
  Field: Green Architecture and Climate-responsive Building

- Song Xuming
  Deputy secretary of school Youth League Committee

- Huang Jianyun
  Professor
  Field: Strategic Spatial Planning of Urban Development

- Yu Lijun
  Professor
  Field: Industrial Energy Conservation and Fuel Cell Technologies

- Huang Danfeng
  Professor
  Field: Translational Research on Eco-physiology in Protected Horticulture

- Zhang Shiwen
  Senior Lab Instructor
  Field: Embedded system, smart home and Internet based on Cloud Architecture

Contacts
Ms. Jun Ma
3-108, SEIEE Building
Shanghai Jiao Tong University
800 Dong Chuan Road, Shanghai 200240, China
Tel: +86-21-34204145
Email: majuntina@sjtu.edu.cn

Mr. Yue Hu
Room 323, Smart Grid Building
Shanghai Jiao Tong University
800 Dong Chuan Road, Shanghai 200240, China
Cell: +86-13917220327
Email: yuehu@sjtu.edu.cn
Wechat: 55937172

Website
SEIEE http://english.seiee.sjtu.edu.cn/
Graduate School of Shanghai Jiao Tong University
http://en.gs.sjtu.edu.cn/
State Energy Smart Grid R&D Center (Shanghai)
http://www.ssgc.sjtu.edu.cn/en/
SDC http://www.sdchina.org.cn/english
SJTUUC (Wechat)
The 3rd “Zhi-Hong” International Summer School on Advanced Materials (ISS-AM) — Advanced Materials Processing

Organizer: School of Materials Science and Engineering
Time: July 8-21, 2018
Venue: Minhang Campus, Shanghai Jiao Tong University

Program Overview

The "Zhi-Hong" International Summer School of Advanced Materials (ISS-AM) is organized by School of Materials Science and Engineering (SMSE) at Shanghai Jiao Tong University (SJTU), and aims at promoting the interactive cultural and academic exchanges between top-level scholars and students from all over the world. The ISS-AM is also a platform provided for undergraduate and graduate students from all over the world to exchange ideas and build friendships. A “Zhi-Hong” ISS-AM Certificate of Accomplishment will be issued to the participant. Upon completion of the program.

Eligibility

Graduate and undergraduate students who are majored in Materials Science and Engineering (MSE), or any other majors related to MSE, such as mechanical engineering, physics, and chemical engineering. A total of 50 domestic and overseas participants will be recruited.

Activities

1) Lectures
2) Field trips
3) Student seminars
4) Culture tours

About Faculty

Our lectures will be from:

USA: Northwestern University, The Ohio State University
Japan: Tohoku University
China: Shanghai Jiao Tong University

For most updated list of confirmed lectures, please visit the website of "Zhi-Hong" ISS-AM: http://en.smse.sjtu.edu.cn/-summer_school.asp?id0=87&id1=766.

Fees

Tuition: 3000 RMB
Others costs: meals (~50 RMB/day) and transportation

Application Deadline

April 15, 2018

Program Agenda (Tentative)

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8 Jul, Sun</td>
<td>Arrival, Registration</td>
</tr>
<tr>
<td>2</td>
<td>9 Jul, Mon</td>
<td>Opening Ceremony, Teaming-up, Ice-breaking, Campus Tour, etc.</td>
</tr>
<tr>
<td>3</td>
<td>10 Jul, Tue</td>
<td>Lectures</td>
</tr>
<tr>
<td>4</td>
<td>11 Jul, Wed</td>
<td>Lectures</td>
</tr>
<tr>
<td>5</td>
<td>12 Jul, Thu</td>
<td>Lectures</td>
</tr>
<tr>
<td>6</td>
<td>13 Jul, Fri</td>
<td>Company Visit, Cultural Festival</td>
</tr>
<tr>
<td>7</td>
<td>14 Jul, Sat</td>
<td>Culture Tour</td>
</tr>
<tr>
<td>8</td>
<td>15 Jul, Sun</td>
<td>Free Time</td>
</tr>
<tr>
<td>9</td>
<td>16 Jul, Mon</td>
<td>Lectures</td>
</tr>
<tr>
<td>10</td>
<td>17 Jul, Tue</td>
<td>Lectures</td>
</tr>
<tr>
<td>11</td>
<td>18 Jul, Wed</td>
<td>Lectures</td>
</tr>
<tr>
<td>12</td>
<td>19 Jul, Thu</td>
<td>Company Visit</td>
</tr>
<tr>
<td>13</td>
<td>20 Jul, Fri</td>
<td>Group Presentation, Awards &amp; Closing Ceremony</td>
</tr>
<tr>
<td>14</td>
<td>21 Jul, Sat</td>
<td>Departure</td>
</tr>
</tbody>
</table>

Contacts

Coordinator: Weihui XIE
Email: zh_xie@sjtu.edu.cn
Tel: +86-21-54747664
Address: Room 4005, Xuzuyao Building, School of Materials Science and Engineering, Shanghai Jiao Tong University, 800 Dongchuan Road, 200240, Shanghai

Website
http://en.smse.sjtu.edu.cn/summer_school.asp?id0=87&id1=766
2018 UM-SJTU Joint Institute International Summer School
— Smart Connected Systems for Internet of Things

Organizer: UM-SJTU Joint Institute
Time: July 9-22, 2018
Venue: Minhang Campus, Shanghai Jiao Tong University

> Highlights
During the JI Smart Connected Systems for Internet of Things Summer School, you will ...
> Gain interdisciplinary knowledge of the contemporary relevant topics
> Cross your boundary by interacting in and outside of the classroom with other students from diverse culture backgrounds
> Complete 1 credit coursework and participate in classroom discussion
> Learn about Shanghai and Chinese culture

About JI
World reputation for international education
> National Outstanding Teaching Achievement Award (2010)
> Role Model of China’s Higher Education (2011)
> Role Model of International Education in Shanghai (2012)
> Andrew Heiskell Award for Innovation in International Education (2014)

Outstanding engineering education
> JI Recruits faculty from all over the world. Currently JI has 52 faculty members, who have either graduated from or worked in world-class universities such as Harvard, MIT, Stanford, Oxford, UC Berkeley, Cal Tech, UM or Princeton.
> All the courses at JI are taught in English.

Interdisciplinary knowledge in relevant topics including
> Biomedical technology
> Communications Networks
> Control and DSP
> Design and Manufacturing
> Smart system
> Photonics
> Materials

Overseas exchange & study abroad programs
Since October 2017, JI has been partnering with over 15 universities worldwide, and more than 63% of the current students have gained international education experience while pursuing their degrees.

> Program Overview
The UM-SJTU Joint Institute (JI) was jointly established by Shanghai Jiao Tong University and the University of Michigan in 2006. It is located in Shanghai, China. The goal of this partnership is to build a world-class teaching and research institute in China for nurturing innovative leaders with global visions. The joint institute upholds a unique educational philosophy of “Internationalization, Interdisciplinarity, Innovation, Quality (I3 Q)”. Over the past decade, JI has explored a shortcut to build a world-class institute in China and shaped a famous set of development models through fusing the Sino-US educational philosophy and characteristics.

JI summer school provides a great opportunity for students to challenge yourself, get exposed to new cultures and explore the horizon of your career development. The UM-SJTU Joint Institute is the perfect place for you.

Eligibilities
> Undergraduate or master students to graduate before September, 2018
> With proven English proficiency (TOEFL >= 80, IELTS >= 6.0).

Application Deadline
June 9, 2018

Scholarship
Before the application deadline, students can apply for scholarship of the program. The scholarship covers registration fee, program fee and accommodation fee.

Fees
Registration Fee: US$100  Program Fee: US$500
Accommodation Fee: US$500
< Fees NOT included > Travel expenses to/from Shanghai, transportation fee to/from the airport, food expenses (some meals are included in the program), travel and medical insurance, transportation fee outside the program, other personal expenses.

Website: http://Umji.sjtu.edu.cn
Contacts
Kate.qi@sjtu.edu.cn
800 Dongchuan Road, Shanghai, China
Program Overview

Applied and computational mathematics has a wide and important application background in physics, mechanics, biology, engineering, finance and other fields. Its mathematical theory is very challenging, and it is one of the most important fields in the current mathematical research. In recent decades, with the development of mathematical research and the progress of science and technology, many new research areas have emerged in applied and computational mathematics. We plan to organize a summer school from July 9 to July 21, 2018, which covers the basic theories, latest achievements and hot topics in applied and computational mathematics.

School of Mathematical Sciences, SJTU, established in December, 2015, is a continuation of the old name “Department of Mathematics”. In the latest US NEWS rankings for mathematical sciences, SJTU Math ranked 29th globally. The school has been included in the project “Network of International Centers of Education in China” (three in total nationwide), which facilitates its development of internationalization.

Course Contents and Practical Activities

The summer school, scheduled to be held from July 9 to July 21, 2018, will include ten mini-courses and workshops about some recent advances in applied and computational mathematics. We will spend 6-8 hours on teaching and discussion every day, and we intend to offer short courses or lectures taught by international experts.

About Faculty (Tentative)

The members of the steering committee include Professor Shi Jin (Director of Institute of Natural Science, SJTU and Director of Key Laboratory of scientific engineering computing, Ministry of Education), Professor Weike Wang (Director of Institute of Natural Science, SJTU), Professor Jianguo Huang (Associate Dean of School of Mathematical Sciences, SJTU). The members of the organization committee include Professor Jinglai Li, Min Tang, Jie Zhang, and Lei Zhang.

We plan to invite about 9 well-known experts (tentative) from Japan, Germany, France, Britain and the United States to offer short courses: Analysis and Calculation of Gas Kinetic Equations (Kazuo Aoki, Kyoto University, Japan); Adaptive Finite Element Method (Carsten Carstensen, Humboldt University, Berlin, Germany); From the Boltzmann Equation to Continuum Mechanics (Francois Golse, Ecole Polytechnique, Paris, France); Molecular Dynamics (Xiantao Li, PSU); Modeling and Analysis of Liquid Crystal Materials (Apala Majumdar, University of Bath, UK); Plasticity and Material Failure in Amorphous Solids (Itamar Procaccia, Weizmann Institute of Science); Modeling and Analysis of Disordered Materials (Walter Schirmacher, Mainz, Germany); Fast Numerical Method (Lexing Ying, Stanford University, USA); Machine Learning and Data Science (Nicholas Zarbaras, University of Notre Dame).

Application Deadline

The deadline for application is May 31, 2018 and there is no registration fee. For successful applicants, the on-campus lodging fees shall be covered by the summer school. We will also offer some transportation allowances. Preference is given to, but not limited to, graduate students and young researchers with a basic understanding of applied mathematics and computational mathematics.

Website


Contacts

Yiqiong Yu, Tel: +86 21 5474 2994, E-Mail: yyqjune@sjtu.edu.cn
Lei Zhang, Tel: +86 21 5474 2994, E-Mail: lizhang2012@sjtu.edu.cn.
The 6th SJTU-KTH International Summer School on “Engineering and Health”

Organizer: School of Biomedical Engineering
Time: June, 2018
Venue: Xuhui Campus, Shanghai Jiao Tong University

Program Overview
Since 2012, the School of Biomedical Engineering at SJTU and KTH have launched the summer school of biomedical engineering for 5 years involving almost 20 professors and 100 students from both universities. Every year we provide students with various opportunities of projects, scientific research, hospital visits and cultural activities. 2018 Summer School will be held in SJTU.

Application Deadline
May 31, 2018

Eligibility
 SJTU and KTH enrolled students.

Accommodation
SJTU Xuhui Campus

Contacts
Ms. Hanqun WANG: hanqun.w@sjtu.edu.cn

Agenda & Innovative Activities

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<td>Ice-Breaking</td>
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<tr>
<td>Campus Tour</td>
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<tr>
<td>Day 2 Laboratory Visiting</td>
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<tr>
<td>BME ProForum I</td>
</tr>
<tr>
<td>Intro to Traditional Chinese Culture</td>
</tr>
<tr>
<td>Day 3 BME ProForum II</td>
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<tr>
<td>International Academic Workshop</td>
</tr>
<tr>
<td>Day 4 BME ProForum III</td>
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<tr>
<td>BME Company Visiting (United Imaging)</td>
</tr>
<tr>
<td>Day 5 BME ProForum IV</td>
</tr>
<tr>
<td>Hospital Visiting</td>
</tr>
<tr>
<td>Day 6 International Academic Forum on Engineering and Health - Simulation BME Project Funds Application Competition (Final Evaluation of International Academic Workshop) Award &amp; Closing Ceremony</td>
</tr>
<tr>
<td>Day 7 Cross-Cultural Activities</td>
</tr>
</tbody>
</table>
2018 International Summer School on Brain Facts

Organizer: Bio-X Institutes
Time: July 4-20, 2018
Venue: Minhang Campus, Shanghai Jiao Tong University

Program Overview
The complex and amazing brain entitles human beings to be the wisest creature on earth. In the 21st century, the rapid development of human civilization and technology, especially biomedicine, not only make us healthier and longevous, but also help us pay more attention to functions and health of our mind. Ever since 2013 when our Institutes first launched the English course called Brain Facts, we have invited a series of world leading scientists two years in a row to give students lessons. This year, our Institutes will continually hold the 2018 International Summer School of Brain Facts. We warmly welcome undergraduates, postgraduates and research fellows who are interested in this field to come and join this grand gathering. 2018 International Summer School on Brain Facts will be taught by the world’s leading scientists in their respective field. By organizing courses, lectures, seminars, workshop, field trips and study tours, summer school will dig in the mystery of brain and mental health, one of the most attractive issues for modern human beings. Students or postdoctoral fellows who are interested in doing cutting age experiments in the labs are also welcomed, because Course B will help enhance your practice skills and combine theoretical knowledges with practices. Besides, activities and sightseeing will be arranged to facilitate the participants to immerse themselves in English and Chinese culture and life. 2018 International Summer School on Brain Facts provides a valuable opportunity for the students to expand their horizons and deepen their understandings of mental health and neuroscience. All activities held during this summer school aim at providing a good platform for the participants to know the current trends of the subjects, facilitating cultural and academic exchanges between students and presenting a beautiful Shanghai and China to all our guests.

Application Deadline
May 31, 2018

Course Contents and Practical Activities
Course A: 2 weeks
Course B: 1 week
The courses include lectures, seminars, lab workshop, field trips to research institutions and enterprises. Students can have access to our labs to conduct experiments under the supervision of Chinese professors in SJTU and submit an experiment report. In the end, summer school will issue a certificate to qualified participants.

Eligibility
Undergraduates, postgraduates, postdoc and research fellows in related fields.

About Faculty
Dr. Zang-Hee Cho, Professor of Seoul National University, South Korea; Fellow of NAS-IoM
Dr. Tatsuo Suzuki, Professor of Shinshu University, Japan
Dr. Katsuhiko Tabuchi, Professor of Shinshu University, Japan
Dr. Sanbing Shen, Professor of National University of Ireland, Ireland
Dr. Guoli Ming, Professor of Johns Hopkins University, USA
Dr. Hongjun Song, Professor of Johns Hopkins University, Canada
Dr. Lin He, Professor of Shanghai Jiao Tong University, China; Fellow of CAS
Dr. Weidong Li, Professor of Shanghai Jiao Tong University, China

Fees
Participants shall bear their travel, transportation and lodging expenses incurred during this summer school.

Scholarship
About RMB 2,000 Yuan per student.

Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Venue</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 2, 2018</td>
<td>Shanghai Jiao Tong University</td>
<td>2018 International Summer School of Brain Facts</td>
</tr>
<tr>
<td>July 2-13</td>
<td>Shanghai Jiao Tong University</td>
<td>Opening Ceremony</td>
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<tr>
<td>Monday-Friday</td>
<td></td>
<td>Courses &amp; Lectures</td>
</tr>
<tr>
<td>July 2-12</td>
<td>Institutions Hospitals Enterprise</td>
<td>Field trips</td>
</tr>
<tr>
<td>Monday-Friday</td>
<td>Shanghai Jiao Tong University</td>
<td>Closing Ceremony for Course Part</td>
</tr>
<tr>
<td>July 13Afternoon</td>
<td>Shanghai Jiao Tong University</td>
<td>Lab workshop</td>
</tr>
<tr>
<td>July 14-15</td>
<td>Shanghai and Cities around</td>
<td>Study tours</td>
</tr>
<tr>
<td>July 16-20</td>
<td>Shanghai Jiao Tong University</td>
<td>Closing Ceremony (Lab Part)</td>
</tr>
<tr>
<td>July 20 Afternoon</td>
<td>Shanghai Jiao Tong University</td>
<td></td>
</tr>
</tbody>
</table>

Website
http://www.bio-x.cn/ (will be updated)

Contacts
Yuze WU wuyz607@sjtu.edu.cn
+86-21 34207976
2018 International Summer School of Pharmacy
— Traditional Chinese Medicine and Chinese Culture

Organizer: School of Pharmacy, SJTU
Time: July 11-26, 2018
Venue: Xuhui & Minhang Campus, Shanghai Jiao Tong University

Program Overview
Since 2013, we have been offering this unique opportunity for students to learn Traditional Chinese Medicine (TCM) and Chinese Culture at the International Summer Academy of Pharmacy (ISAP).

The ISAP offers an on-line learning course followed by an off-line practice summer program. Specifically, students are required to complete all 467-min on-line course at home school prior to their arrival at the ISAP in July. This on-line program is composed of 41 pre-recorded self-paced lectures, quizzes and forum discussion among students and instructors. Each lecture is about 10-12 minutes long, introducing TCM Yi-Yang, Zang-Fu & Five-element theories, and TCM & Chinese histories.

Upon their arrival at the ISAP off-line program site, students will enter into group studies in flipped classroom, lab & herbal garden, TCM museum & hospital. Students will be instructed to authenticate TCMs & identify their active ingredients, practice Acupuncture & Moxibustion, shadow in TCM clinical diagnosis, and visit TCM manufacturing & culture sites.

Highlights
- Open CNMOOC for learners all over the world
- Off-line programs including flipped classroom, hands-on practice, academic seminar and Taiji course
- Understand the origin and development of traditional Chinese medicine, Yin-Yang concept and Five-element theory
- Observe acupuncture, moxibustion and TCM clinical diagnosis
- Experience Chinese culture and Taiji practice

Eligibility
- The ISAP opens to domestic and international postgraduate and undergraduate students from all over the world. The 2018 ISAP is expected to recruit 25-40 students with excellent English communication skills.

Application Deadline
- June 1, 2018

Website
http://pharm.sjtu.edu.cn/home/-content/index/id/23.html

Contacts
Program Director: Dr. Lei Fu (leifu@sjtu.edu.cn)
Program Coordinator: Dr. Rong Xu (xurong@sjtu.edu.cn)
2018 International Summer School on Green for Life

Organizer: China-UK Low Carbon College
Time: July 30-August 10, 2018
Venue: Minhang Campus, Shanghai Jiao Tong University

Program Overview
The 2018 International Summer School on Green for Life will be hosted and organized by China-UK Low Carbon College, Shanghai Jiao Tong University. Focusing on the frontier lectures, seminars and enterprise visits in low carbon area, the International Summer School aims at facilitating academic communication and discussion, enhancing the abilities in scientific research and innovation and encouraging students to make more achievements.

Highlights
The first International Summer School of China-UK Low Carbon College will be divided into three parts. In frontier lectures, we will center on utilization of carbon resources, sustainable energy, energy saving and emission reduction, carbon finance and so on. In the seminars, students will be encouraged to team up according to their interests, have discussions and make preliminary research plans. Every team is supposed to make reports and receive the comments from experts. In enterprise visits, students will conduct investigations in companies in low carbon areas.

About Faculty
We plan to invite five experienced professors in University of Edinburgh, five professors in the field of environment and energy from Shanghai Jiao Tong University and two or three experts in low carbon industry.

Agenda (Tentative)

<table>
<thead>
<tr>
<th>Date</th>
<th>Professor</th>
<th>Topic</th>
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<tbody>
<tr>
<td>2018.7.30</td>
<td>Liu Jia</td>
<td>Climate Change and Global Carbon Trading Mechanism Seminar</td>
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<tr>
<td>2018.7.31</td>
<td>Andy Kerr</td>
<td>Carbon Finance</td>
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<tr>
<td>2018.8.1</td>
<td>Matthew Brander</td>
<td>Carbon Management Seminar</td>
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<td>2018.8.2</td>
<td>Navraj Singh Ghaleigh</td>
<td>Carbon Law Enterprise Visit</td>
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<tr>
<td>2018.8.3</td>
<td>He Yiliang</td>
<td>Energy Saving and Emission Reduction Seminar</td>
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<td>2018.8.4</td>
<td>Zhang Huibo</td>
<td>Green Architecture Enterprise Visit</td>
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<tr>
<td>2018.8.5</td>
<td>Liu Jia</td>
<td>Domestic Carbon policies Seminar</td>
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<tr>
<td>2018.8.7</td>
<td>Zhao Changying</td>
<td>The Supply Chain in Green Industry Enterprise Visit</td>
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<tr>
<td>2018.8.8</td>
<td>He Yiliang</td>
<td>Domestic Carbon Trading Mechanism Seminar</td>
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<tr>
<td>2018.8.9</td>
<td>Geng Yong</td>
<td>Carbon Trading</td>
</tr>
<tr>
<td>2018.8.10</td>
<td>Liu Jia</td>
<td>The Development of Carbon Market</td>
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Application Deadline
May 1, 2018

Eligibility
The program is open to post-graduate students from all over the world.

Website
http://lcc.sjtu.edu.cn/-Data/View/357

Contacts
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Address: RM 102, China-UK Low Carbon College, No.800 Dongchuan Road, Shanghai
2018 International Summer School of Antai College of Economics and Management

Organizer: Antai College Economics Management
Time: June 27-July 8, 2018
Venue: Xuhui Campus, Shanghai Jiao Tong University

Program Overview
Antai College of Economics and Management (ACEM), Shanghai Jiao Tong University boasts a rich history and tradition which dates back to the Business School of Nan Yang Public School founded in 1903. ACEM is dedicated to cultivating economic and management talents with international competencies. It promotes scientific and academic innovation, caters to economic and social development, and supports the growth of business. After over 30 years’ unremitting efforts, ACEM has established itself as a modern business school with a good reputation and the first business school in mainland China have been triply accredited by AACSB, EQUIS and AMBA, the three largest and most influential business school accreditation associations in the world. We have held this activity for five times.

Time/Place Speaker Topic
2018.06.27-06.30 8:30-11:30 Prof. Mo Wang Multilevel Modeling
14:00-17:00 Prof. Mo Wang Social Network Analysis
2018.07.01 Break
2017.07.02-07.06 8:30-11:30 Prof. Anne S. Tsui Epistemological and Ethical Foundations of Credible Knowledge
Xin Shang Yuan 5412 14:00-17:00 Prof. Arie Lewin Satisfying New Falsifiability, Data Transparency and Replication Requirements

Eligibility
Undergraduate, graduate students in related fields

Application Deadline
May 1, 2018

Website
http://u4096131.viewer.maka.im/k/C-F19U211?version=139

Contacts
Amanda, maaman@sjtu.edu.cn

Highlights
Antai College of Economics and Management plans to hold “Frontiers of Business Management Theory and Methods” lectures, workshops and forum in summer, for AntAi students, the Yangtze river delta region and the national well-known school of management graduate students. We hope to provide chances of academic exchanges and research opportunities, to improve the graduate student’s ability of scientific research and innovation.
2018 5th International Summer School on Cultural Economy

Organizer: School of Media and Design
Time: July 2-13, 2018
Venue: Xuhui Campus, Shanghai Jiao Tong University

Program Overview
Cultural Economy International Summer School is a creative graduate education project co-organized by School of Media and Design, Shanghai Jiao Tong University and Monash University. It aims at upgrading graduate teaching and training quality, enhancing students' academic know-how and research competence, promoting international collaboration among students and faculties, and expanding international vision of postgraduate programs.

First launched in 2014, the international summer school has a different theme each year, this year being Cultural Space and City. Our core focus is the shaping of urban brands in the context of globalization. Revaluating and analyzing the current situation of the cultural space in China's metropolises, we will explore the consumerism in urban culture and its influence on the urban renewal strategy and historical preservation, to ensure the realization of iteration between the city space and the city function in the urban renewal process, promoting the integration of the economic space, cultural space, living space and ecological space.

The students will speak to local policy makers and experts about the issues above, as well as visit cultural sites related.

Alongside a comprehensive program of lectures we will guest presenters from the local cultural sector and arrange field trips under guidance and field work under supervision in the cultural economy of Shanghai.

About SMD, SJTU
The School of Media and Design (SMD), Shanghai Jiao Tong University, was founded in September 2002. A series of undergraduate, master, and doctoral programs are provided in these fields. The school boasts solid foundation in theoretical research, high competitiveness in professional skills and distinctive features in discipline development, making it one of the top media and design schools in China.

About Faculty
Justin O’Connor (Monash University)
Xin Gu (Monash University)
Mark Andrejevic (Monash University)
Kari Kallioniemi (University of Turku)
Zhang Qian (Communication University of China)
Shan Shilian (Shanghai Jiao Tong University)
Li Kanghua (Shanghai Jiao Tong University)

Eligibility
This summer school is open to the master and doctoral students in Cultural Economy or other related majors. We will take in 45-50 students, including Chinese students and overseas students.

Fees
Tuition: Waived
Travel and accommodations: Participants are expected to arrange their own travel and hotel accommodations.

Application Deadline
April 30, 2018

Website
http://smd.sjtu.edu.cn/notices/id/154

Contacts
Wen Yuan (ywen@sjtu.edu.cn)

Activity Schedule
AM 9:00; PM 1:30 (site visits starting time may vary)

Date Syllabus
2nd July(Mon) Seminars: Cultural Economy, Cultural Policy and Creative City
> No.1: Brief introduction of the summer school. (Xin Gu)
> No. 2: Cultural Economy, Cultural Industries and Creative City (Justin O’Connor)
> No. 3: The tendency of cultural/creative industries in China (Shan Shilian)
Site Visit: Shanghai: old and new
3rd July(Tue) Site Visit: Cultural/creative industries clusters
4th July(Wed) Seminars: Cultural Economy – theories and practices
> No. 1: Cultural Economy – theories and practices (Justin O’Connor)
> No. 2: Chinese cultural industries policies (Li Kanghua)
> No. 3: Underground city music: a Beijing Model (Zhang Qian)
> No. 4: Urban space in the globalization (Kari Kallioniemi)
Site Visit: Urban cultural space
5th July(Thur) Site Visits: Urban cultural space
6th July(Fri) Seminars: Urban subculture
> No. 1: Sub-cultures in the city (Justin O’Connor)
> No. 2: The cultural environment of the pop music industry in Shanghai (Xin Gu)
Dialogue: Scholars vs. Underground music maker
7th July(Sat) Site visits: Independent producers’ workshop
8th July(Sun) Site visits: Solidarity economy(nakedhub)
9th July(Mon) Seminars: Public Sphere and Urban Culture
> No. 1: Public sphere and cultural industries (Justin O’Connor)
> No. 2: Big data, digital surveillance and city (Mark Andrejevic)
Site visits: Solidarity economy(nakedhub)
10th July(Tues) Site Visit: Cultural and Creative Industries Enterprises (BestV, Focuw Media, DF Robot)
11th July(Wed) Group consultation day
12th July(Thur) Field trip
13th July(Fri) Presentations
About the Organizers

School of Naval Architecture, Ocean & Civil Engineering
NAOCE consists of five departments, namely, Naval Architecture and Ocean Engineering, Engineering Mechanics, Civil Engineering, Architecture and International Shipping. The five departments all provide bachelor and master degree programs. Departments of Naval Architecture and Ocean Engineering, Engineering Mechanics, and Civil Engineering offer PhD programs of respective disciplines and host Postdoctoral Research Stations. The School also features two state key disciplines (i.e., Naval Architecture and Ocean Engineering, and Mechanics), and two Shanghai key disciplines (i.e., Fluid Mechanics and Geotechnical Engineering).

School of Electronics Information and Electrical Engineering
Now the largest engineering school in SJTU, and one of the largest among all Chinese universities of similar kinds. Built upon an interdisciplinary platform, the School has considerable expertise and international recognition in 8 disciplines:
- Electrical Engineering;
- Electronic Science and Technology;
- Information and Communication Engineering;
- Control Science and Engineering;
- Computer Science and Technology;
- Software Engineering;
- Instrument Science and Technology;
- Cyber Space Security

School of Materials Science and Engineering
SJTU pioneered in setting up the discipline of Materials Science and Engineering (MSE) in China, based on the program of heat treatment of metals which was established in 1952. Nowadays, the MSE program in SJTU has been consistently ranked among the national top five, being No. 1 in 2003, as evaluated by the Minister of Education. In 2007, the MSE program of SJTU was authorized as the State Key Academic Program at Primary Discipline Level. MSE program of SJTU was ranked 27 in 2017 QS world university ranking and has been listed in the world top 0.1% discipline of ESI for years.

UM-SJTU Joint Institute
The UM-SJTU Joint Institute (JI) was jointly established by Shanghai Jiao Tong University and the University of Michigan in 2006. It is located in Shanghai, China. The goal of this partnership is to build a world-class teaching and research institute in China for nurturing innovative leaders with global visions. The joint institute upholds a unique educational philosophy of “Internationalization, Interdisciplinary, Innovation, Quality”. Over the past decade, JI has explored a shortcut to build a world-class institute in China and shaped a famous set of development models through fusing the Sino-US educational philosophy and characteristics.
Major Research Clusters:
- Biomedical Technology;
- Circuits and Devices;
- Communication, Networking and Control;
- Design and Manufacturing;
- Dynamics and Vibrations;
- Electromagnetics, Photonics and Electro-physics;
- Energy and Power Systems;
- Mechatronics and Control;
- Micro/Nanotechnology;
- Solid State Physics;
- Structure and Materials;
- Thermodynamics and Fluid Mechanics

School of Mathematical Sciences
The School of Mathematical Sciences is a prestigious department with a long history but vibrant momentum. The mathematical science at SJTU was ranked as No. 69 globally based on the latest ESI ranking for mathematical science. In 2014, the School of Mathematical Sciences was successfully selected into the project entitled “Network of International Centers of Education in China”, which will help SJTU Math to develop by following international tracks. The School of Mathematical Sciences is authorized to provide the following degree programs in both mathematics and statistics:
- Ph. D. programs in mathematics/statistics;
- Master programs in mathematics/statistics;
- Professional master in programs in applied statistics.
In addition, the School of Mathematical Sciences also provides postdoctoral programs in both mathematics and statistics, whose purposes are to incubate high-level academic researchers.
School of Biomedical Engineering
Shanghai Jiao Tong University (SJTU) established the Discipline of Biomedical Engineering (BME) in 1979, which was one of the first universities in China to establish the Discipline of BME. Since its founding, in the spirit of ‘Dare to become a pioneer, and search for excellence’, the faculty and staff of BME have made significant progress in research, education, and development. It has constantly been a leading BME program in China. The Discipline is a Key Discipline of the Nation, which has been ranked in the top three in all of the three national evaluations since 2002. The Discipline of BME has become a ‘Star Discipline’ of SJTU. On April 8, 2011, the University’s 115th anniversary, the School of BME was established by the merger of SJTU Med-X Research Institute, an institute dedicated to interdisciplinary research on medicine and engineering/physical sciences, and the former SJTU Department of BME. With the combined resources, the School of BME has reorganized its research and educational programs with great emphasis on ‘Translational Research’ and ‘Internationalization’ as its key developmental strategies towards international excellence.

In the School of BME, currently there are 80 primary faculty members, including 19 full professors and 39 associate professor. Currently, there are 187 undergraduate students and 191 graduate students in the School of BME. There are six academic areas in the school, including Biomedical Instrumentation, Neuroscience and Engineering, Medical Imaging and Informatics, Nano-Biomaterials, Systems Biology and Medicine, and Biological Sciences and Diseases, on a broad interdisciplinary basis.

School of Pharmacy
Shanghai Jiao Tong University School of Pharmacy is one of the youngest but rapidly growing pharmacy schools in China. The school was founded in 2000, the beginning of the new century and the new millennium. The School of Pharmacy now has 85 academic, administrative and technical staff members. Unlike many new pharmacy schools in China which focus only to some areas of studies, SJTU School of Pharmacy has 17 research and teaching laboratories covering the complete spectrum of curriculum and disciplines of pharmacy education and research including medicinal chemistry, pharmacology, pharmaceutics, pharmaceutical microbiology and biochemistry, pharmacognosy, and traditional Chinese medicine. The school also differs from many traditional pharmacy schools in China by having developed systematic research and education programs to investigate and teach in the newly emerging therapeutic areas and next generation medicines.

SJTU School of Pharmacy has not only developed scientific programs but also nurtured an educational and research environment that is liberal and innovation-orientated. The school has now become a leading center and an ideal place for pharmacy education and pharmaceutical research in the nation.

China-UK Low Carbon College
The college will closely integrate with China’s green development strategy and provide China with talent, technology and industry support for its deep participation in global governance, for China’s low-carbon and sustainable development, and for China’s solution to global climate change. The college will bring world-class experts together in the low-carbon field to build a teaching and research institute with international influence and cross-cutting disciplines in the low-carbon field. The college is committed to cultivating the top and new international talents in the low-carbon field, organizing advanced and low-carbon training in advanced and systematic fields, conducting cutting-edge and innovative scientific research, promoting the development of low-carbon technologies.

Antai College of Economics and Management
Antai College of Economics and Management (ACEM), Shanghai Jiao Tong University boasts a rich history and tradition which dates back to the Business School of Nan Yang Public School founded in 1903. ACEM is dedicated to educate economic and management talents with international competencies. It promotes scientific and academic innovation, caters to economic and social development, and supports the growth of business. After over 30 years’ unremitting efforts, ACEM has established itself as a modern business school with a good reputation home and abroad, and the first business school in mainland China to have been triply accredited by AACSB, EQUIS and AMBA, the three largest and most influential business school accreditation associations in the world.

School of Media and Design
The School of Media and Design (SMD), Shanghai Jiao Tong University, was founded in September 2002. The school boasts solid foundation in theoretical research, high competitiveness in professional skills and distinctive features in discipline construction, making it one of the top media and design schools in China. SMD features its teaching in aspects of high interaction of arts and science, interdependence of theory and practice, interconnection of technology, academic research and arts, internationalization, digitization, and integration of Industry-University-Research. It orients itself toward setting up cluster of disciplines where journalism and communication, arts and management interact and complement each other. SMD aims at training and educating a new generation of “multi-talented graduates” who are not only equipped with advanced communication theories and techniques, but also with creative design thinking and capability.

SMD consists of four departments, i.e., Journalism and Communication, Film and Television, Design, and Cultural Industry and Management. A series of undergraduate, master, and doctoral programs are provided in these fields. To date, SMD has more than 600 undergraduates, over 300 master students, about 50 doctoral students, and 200 oversea students in various programs.

The school is staffed by about 90 faculty members who are strong in teaching as well as research and professional experiences. Among the faculty, there are 27 professors, 15 supervisors of doctoral candidates, and 38 associate professors. More than half of the faculty members hold Ph.D. degrees from first-rate universities in China, U.S., U.K., and etc.

The school boasts solid foundation in theoretical research, high competitiveness in professional skills and distinctive features in discipline construction, making it one of the top media and design schools in China.

Bio-X Institutes
Bio-X Institutes of Shanghai Jiao Tong University was founded in 2005 by merging the Neuropsychiatric and Human Genetics Group (NHGG), which was established in 1996, and the Bio-X Life Science Research Institutes, which was established in April 2000. The current director of the Institutes is Prof. Lin He, fellow of the Chinese Academy of Sciences and fellow of the Third World Academy of Sciences, and the honorary director is Prof. Steven Chu, Fellow of American Academy of Sciences and Nobel Laureate in Physics. The Institutes consists of a number of “core” and “satellite” groups led by dozens of distinguished scientists and specially appointed professors from China and abroad. Bio-X Institutes has cutting-edge facilities and a working space of over 5000 square meters, including the Little White House in Xuhui Campus, part of Genomics Building, the Big Red House in Minhang Campus, a now integrating Shanghai Mental Health Center and many other affiliated mental disease hospital nationwide. Meanwhile, the Key Laboratory for Genetics Development and Neuropsychiatric Disorders (Ministry of Education) resides in the Bio-X Institutes. By taking advantage of interdisciplinary studies, Bio-X Institutes is focusing on work with vigor and feature and participating enthusiastically in international competitions.