



**2019 船舶海洋与建筑工程学院
全球青年学者思源论坛**

**Si Yuan Global Young Scholars Forum
2019**

June 26-28 2019
Shanghai

Organized by
School of Naval Architecture, Ocean and Civil Engineering,
Shanghai Jiao Tong University

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Overview

Situated in Shanghai, the most renowned center of China's economy, transport, technology, industry, finance and shipping, Shanghai Jiao Tong University (SJTU) has been playing an important role in the world and achieved tremendous success through its own history in the last 120 years. Today, SJTU has become a comprehensive, research-oriented and international university after going through these extraordinary years.

With a sense of gratitude and responsibility, School of Naval Architecture, Ocean & Civil Engineering (NAOCE), while continuing to uphold the tradition and motto of SJTU, is proud to set benchmarks for China's naval architecture and ocean engineering in modern education and scientific research. It consists of 4 departments including Naval Architecture & Ocean Engineering, Engineering Mechanics, Civil Engineering and Transport and Traffic Engineering.



The School features two “Double First-class” disciplines by Ministry of Education of the People's Republic of China (Naval Architecture & Ocean Engineering and Civil Engineering), two “State Key” disciplines (Naval Architecture and Ocean Engineering, and Mechanics), and two “Shanghai Key” Disciplines (Fluid Mechanics and Geotechnical Engineering). NAOCE also welcomes postdoctoral research fellows to work with our distinguished professors in the research fields of Mechanics, Naval Architecture & Ocean Engineering and Civil Engineering. Remarkably, Naval Architecture and Ocean Engineering topped the ranking in 2017&2018 Shanghai Ranking's Global Ranking of Academic Subjects and Civil Engineering rose to 32nd in 2017 QS World University Rankings.

To date, NAOCE has made tremendous amount of breakthrough achievements in various research fields and has congregated the most powerful research force in China by establishing the Collaborative Innovation Center for Advanced Ship and Deep-Sea Exploration, State Key Laboratory of Ocean Engineering, National Large-scale Scientific Facility Center of Deepwater Technology Experiments and providing many high-level research platforms.

For the purpose of optimizing the faculty structure and the construction of high-level teaching faculty, NAOCE has always been providing top strategic priorities to faculty development over the years. In order to implement the strategy of enhancing NAOCE by attracting all of the talents that it has to offer, we sincerely invite young talented scholars from all over the world to attend “ Si Yuan Global Young Scholars Forum 2019”, an advanced exchange platform designed for young talents in relative disciplines and fields. In the spirit of being world first class, we will jointly discuss some most popular issues in the academic frontier; promote exchanges and collaborations by means of keynote speech, academic discussions and lab visits.

Who Should Attend

Those conducting researches in the areas of naval architecture & ocean engineering, engineering mechanics, civil engineering, transportation engineering, and other related fields and satisfying the following criteria:

- A** Under 40 years old (including 40), obtained a PhD degree from world-class universities/ institutions/ disciplines abroad or in China;
- B** Gained research achievements in Naval Architecture & Ocean Engineering, Mechanics, Civil Engineering, Transportation Engineering and related fields or enjoys development potential.
- C** Possessing a strong academic potential and demonstrated interest in education and scientific research in academia.

Registration

Registration Process

Submit the application form and upload a curriculum vitae (CV) before May 10st, 2019 P.S. The online application opens at the beginning of March 2019, please follow the link below to fill out the form.

<http://sy-gysf.sjtu.edu.cn/Data/Registration>

Detailed forum schedule and agenda will be available before June 1st, 2019

Financial Support

Accommodation, meal expenses and round trip tickets(economy class) to Shanghai relating to the forum will be covered by the forum organization for all invited scholars. Application Deadline is May 10st, 2019. Please sign up ASAP.

Forum Topics

The forum focuses on Naval Architecture & Ocean Engineering, Engineering Mechanic, Civil Engineering and Transport and Traffic Engineering. The following are examples of specific topics in each academic subject.

For more information regarding research group and departments, please refer to the following link.

http://naoce.sjtu.edu.cn/en/content.aspx?info_lb=26&flag=3

Naval Architecture & Ocean Engineering

- Marine Design and Research
- Underwater Engineering Research
- Ship Structures
- Ship Hydrodynamics
- Ocean Engineering
- Ship Performance
- Power Plants and Automation
- Underwater Acoustics Engineering
- Marine Equipment and System
- Harbor, Waterway and Coastal Engineering
- Advanced Computational Grou

Civil Engineering

- Tunneling and Underground Space
- Soil Mechanics and Foundation Engineering
- Hydraulic Geotechnical Mechanics
- Reliability of Engineering Structures
- Steel Structures
- Engineering Safety and Disaster Prevention
- Space Structures
- Green Building Materials and Modern Building Structures
- Building Information Modelling
- Structural Engineering
- Geotechnical Engineering
- Disaster Prevention and Mitigation Engineering
- Building Materials

Engineering Mechanics

- Fluid Mechanics
- Solid Mechanics
- General Mechanics
- Experimental Engineering Mechanics

Transportation Engineering

- Marine Transportation and Modern Logistics
- Transportation Planning and Management
- Traffic and Environment
- Construction and Management of Transportation Infrastructure

Program

The forum will take place from June 26th to 28th, the general agenda is as follows:

June 25 th	Registration
June 26 th Morning	Opening ceremony and symposium. Keynote report and Topic report
June 26 th Afternoon	Sub-forum symposium
June 27 th	Campus tour and discipline & group interview
June 28 th	All-day talents meeting

Travel and Accommodation

Transportation

Airport-SHA (虹桥国际机场)

Shanghai Hongqiao International Airport

To Minhang Campus

By taxi: Around 100 RMB through highway (40 minutes during off-peak time)

By metro (1.5hours) :

Line 10: Hongqiao International Airport to Hongqiao Road

Line 3: Hongqiao Road to Shanghai South Railway Station

Line 1: Shanghai South Railway Station to Xinzhuang

Line 5: Xinzhuang to Dongchuan Road

By bus (1.5hours during off-peak time):

Hongqiao Shuniu 4 (虹桥枢纽 4 路): Shanghai Hongqiao International Airport to Dongchuan Road Yongping Road near Siyuan Gate of SJTU

Airport-PVG (浦东国际机场)

Shanghai Pudong International Airport

By taxi: Around 160 RMB through highway (50 minutes during off-peak time)

By metro (2.5hours) :

Line 2: Pudong International Airport to People’s Square (or stop at Longyang Road and change to Maglev and save half of an hour)

Line 1: People’s Square to Xinzhuang

Line 5: Xinzhuang to Dongchuan Road

Quick Links:

Shanghai Metro

<http://www.shmetro.com/>

Shanghai Airport

<http://www.shairport.com/>

Railway Official Website

<https://www.12306.cn/index/>

Accommodation

Accommodation is provided inside SJTU Minhang Campus. The Si-Yuan’19 Service Team will help each selected candidate to reserve the accommodation.

Trip in Shanghai

Passport

Please keep your passport safe. You may prefer taking a photocopy, and leave your passport in your room. In case of loss, you should immediately inform the Public Security Bureau and coordinators. You must then go to the Exit and Entry Administration to get a document entitled Confirmation of Lost Passport. It is a required document to apply for a new passport at your embassy or consulate.

Currency Exchange

Foreign currencies can be exchanged at most banks in China with their official exchange rate. (Check official rate: <http://www.x-rates.com/>) Do not exchange money with people outside the bank. Although traveler's checks can be changed in China, not all banks accept traveler's checks. Transaction fee is charged for cash withdrawals and the amount varies depends on your credit card company. Not all credit cards are accepted in China. It has to be the ones with the “Visa” or “Mastercard” logos on them.

Telecommunication

We recommend you to buy a new SIM card at local telecom service for cheaper cost. There are three local telecommunication suppliers: China Mobile, China Unicom and China Telecom. Please pay attention to the brand (China Mobile/China Telecom/China Unicom). The brand of your SIM card and your recharging card should be the same. Chinese government practices real-identity registration system, so please bring your passport with you

when you apply for a SIM card. In case of any problem, You can call the service number of your SIM card supplier. China Mobile: 10086 (24 hours service) China Unicom: 10010 (24 hours service) China Telecom: 10000 (24 hours service) All offer English services. You can ask any related questions.

Others

Electricity: The voltage is 220V in China.

Tips & Tax: Tipping are not generally expected or commonly practiced in China. Taxes are already included in the stated prices.

Telephone Directory from Hotel Room: The country code for China is +86. The regional code for Beijing and Shanghai are 010 and 021.

Room Charges: Participants are responsible for additional charges except accommodation fees during the program, such as mini-bar, laundry, and phone charges. Please refer to the guideline in your hotel room.

Contacts

Any subject-related query, please contact the respective subject head:

- Prof. Wang Xuefeng,

Head of Department of Naval Architecture & Ocean Engineering

Email: wangxuef@sjtu.edu.cn

- Prof. Wang Benlong,

Head of Department of Engineering Mechanics

Email: benlongwang@sjtu.edu.cn

- Prof. Chen Jinjian,

Head of Department of Civil Engineering

Email: chenjj29@sjtu.edu.cn

- Prof. Zhang Daxue,

Deputy Head of Department of Civil Engineering

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- Prof. Li Chaoyang,

Head of Department of Transport and Traffic Engineering

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Any forum-related query, please contact:

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2019 船舶海洋与建筑工程学院

全球青年学者思源论坛

位于中国最重要的经济、交通、科技、工业、金融和航运中心——上海交通大学，风云两甲子，弦歌三世纪，经过一百二十二年的峥嵘岁月，已经成为一所综合性、研究型并具有重要国际影响力的高等学府。饮水思源，爱国荣校。船舶海洋与建筑工程学院秉承交大的优良传统与办学理念，是中国船舶与海洋工程领域现代教育和科研的策源地，下设船舶与海洋工程系、工程力学系、土木工程系和交通运输工程系 4 个系，拥有 2 个教育部“双一流”建设学科（船舶与海洋工程、土木工程）、2 个一级学科国家重点学科（船舶与海洋工程、力学）、2 个上海市重点学科（流体力学、岩土工程），并建有力学、船舶与海洋工程、土木工程博士后流动站。船舶与海洋工程学科在 2017 软科世界一流学科排名位列世界第一，土木工程学科跻身 QS 世界大学学科排名第 32 名。



多年以来，学院始终将师资队伍建设摆在优先战略地位，致力于师资队伍结构的优化，建设高水平师资队伍。为进一步推进“人才强院”战略，纳百川之志，聚群贤英才，上海交通大学船舶海洋与建筑工程学院诚挚邀请海内外青年才俊参加“2019 船舶海洋与建筑工程学院全球青年学者思源论坛”，旨在为海内外相关学科领域的优秀青年学者搭建高端学术交流平台，通过主题报告、学术研讨和参观考察等形式，共同探讨学术前沿热点问题，促进交流与合作，共创世界一流。

论坛主题

本次论坛围绕船舶与海洋工程、工程力学、土木工程和交通运输工程四个学科及以下领域的团队：

船舶与海洋工程

- 船舶设计
- 水下工程
- 船舶结构
- 船舶流体
- 海洋工程
- 船舶性能
- 轮机工程
- 水声工程
- 海上装备与系统
- 港口工程
- 先进计算研究

土木工程

- 隧道与地下空间
- 土力学与地基基础
- 水工岩土力学
- 工程结构可靠性
- 钢结构
- 安全与防灾工程
- 空间结构
- 绿色建材与现代建筑结构
- 建筑信息模型
- 结构工程
- 岩土工程
- 防灾减灾工程
- 建筑材料

工程力学

- 流体力学
- 固体力学
- 一般力学
- 实验力学

交通运输

- 海洋运输与现代物流
- 交通运输规划与管理
- 交通与环境
- 交通基础设施建设与管理

报名条件

年龄不超过 40 周岁(含)，获得世界一流大学或一流学科的博士学位，在船舶与海洋工程、力学、土木、交通运输工程等相关学科领域取得一定成绩或具有发展潜力的优秀青年学者。有很强学术潜力并有志在高校从事教学和科研工作。

报名方式

2019年5月10日前完成网上报名并上传个人简历

2019年6月1日前通知会议详细日程及行程安排

日程安排

本次论坛召开拟定在2019年6月26日至28日，大致安排如下：

● 2019年6月25日

全天报到

● 2019年6月26日上午

开幕式及主论坛专题报告会 主旨报告及
专题报告

● 2019年6月28日 学院综合面试

● 2019年6月26日下午

分论坛学术研讨会

● 2019年6月27日

校园参观及学科、团队面谈

资助方式

本次论坛将为被邀请的参会学者统一安排食宿及往返上海差旅补贴（经济舱），报名截止日期5月10日，报名从速。

联系方式

学科联系人：

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土木工程系

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