

## 第二届海洋研究暑期学校暨博士生学术论坛第一轮通知

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第二届海洋研究暑期学校暨全国博士生学术论坛  
海洋与海底地质-化学-生物过程及交叉科学的研究前沿  
第一轮通知2nd International Ocean Sciences Summer School & PhD Student Forum  
Multidisciplinary Research of Geo-Bio-Chemical Interactions in  
the Ocean and at the Seafloor  
1st Announcement

July 1-9, 2011 Xiamen · China

## 资助与支持单位/Supporting Organizations

近海海洋环境科学国家重点实验室 (厦门大学)

State Key Laboratory of Marine Environmental Science (Xiamen University)

教育部学位管理与研究生教育司

Ministry of Education

国际中国地球科学促进会

International Professionals for the Advancement of Chinese Earth Sciences (IPACES)

## 承办单位/Hosting Institutions:

近海海洋环境科学国家重点实验室 (厦门大学)

State Key Laboratory of Marine Environmental Science, Xiamen University

厦门大学海洋与环境学院

College of Oceanography and Environmental Science, Xiamen University

中国海洋科学卓越教育伙伴计划

Centers for Ocean Sciences Education Excellence - China

## 举办地点/Venue

厦门大学近海海洋环境科学国家重点实验室

The summer school will take place at the State Key Laboratory of Marine Environmental Science (MEL) of Xiamen University, Xiamen, China.

### 背景与宗旨/Background and Objectives

本次暑期学校及博士生论坛将以研究生、博士后及青年科学家为主，以“海洋与海底地质-化学-生物过程及交叉科学的研究前沿”为主题，采用特邀主题报告、学术报告与集中讨论相结合、特邀资深专家点评、经验分享等形式，旨在为培养高水平的跨学科海洋科技人才，加速中国在海洋及深海科学和技术领域的突破性发展。

The themes of the summer school and the PhD student forum focus on multidisciplinary research of geo-bio-chemical interactions in the ocean and at the seafloor. The summer school will host thematic lectures by leading scientists, presentations by young researchers and students, and a series of activities to stimulate discussions between researchers and students. The goals are to discuss cutting-edge research subjects, to encourage and facilitate young scientists and students to conduct interdisciplinary research, and to promote ocean science and technology development in China.

### 发起人/Conveners

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### 博士生委员会/PhD Student Committee

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### 参会人员/Participants

面向国内外招生，欢迎相关高校、研究所从事海洋科学研究的研究生、博士后以及青年学者通过个人报名、单位推荐等方式参加。请申请者访问网页（<http://mel.xmu.edu.cn/summerschool>，于2月21日开通）进行申请，参加博士生学术论坛须提交摘要。为保证暑期学校及博士生论坛的充分交流，参会学员将限制在150人以内。

Graduate students, post-doctoral researchers, and young scientists who are interested in ocean sciences are welcome to attend the summer school. To ensure effective interactions, the number of participants will be limited to 150. Please visit our website (<http://mel.xmu.edu.cn/summerschool>) to apply online.

## 时间节点/Timeline

February 21, 2011	网上注册系统开放/Registration open
May 20, 2011	网上注册系统关闭/Registration closed
July 1, 2011	现场报到/Check-in & icebreaker
July 2-9, 2011	暑期学校及博士生学术论坛/Summer School & PhD Student Forum

## 费用/Fees

组委会视资金筹措情况，可能收取一定费用。

A certain fee will be charged according to the funding situation.

## 主题及日程安排/Themes and Agenda

暑期学校及博士生论坛活动将包括：主题报告、讨论互动、学者沙龙、青年学者/学生口头报告及墙报、现场实验、野外考察、公众教育讲座及其他交流环节。

The activities will include keynote lectures, interactive discussions, young scientists/students oral and poster presentations, laboratory hands-on study, field study, outreach lectures, and other interaction sessions.

## 初定主题/Tentative themes

### 1. 了解地球系统中的海洋

Introduction: Understanding the ocean in the Earth system

### 2. 深海地圈：海底及海底下的地层——一个黑暗的深层地质生态系统

The deep sphere: Seafloor and sub-seafloor as a deep and "black" geological and ecological system

### 3. 海床与海洋的能量、化学及生物学过程的相互作用

Seafloor-ocean interactions: Energy, chemical, and biological

### 4. 中层海洋或弱光海洋：最大的海洋未知水体

Meso-pelagic system: The largest unknown ocean

### 5. 上层海洋、海气交换及其在气候变化中的角色

Upper ocean and air-sea interactions: Their roles in climate changes

### 6. 总结：地圈集成系统地质与生物作用过程研究进展

Summary: Progress towards a holistic view of the Earth as an integrated system of spheres and between geological and biological processes

## 语言/Language

中文及英文

Chinese and English

## 联系人/Contact Us

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