

★ 研究生英语课程系列教材

# English Textbook Series for Graduates of Non-English Majors

总策划 张亚非

总主编 张锦涛

## 国际学术交流英语教程

主编 吴 苓



南京大学出版社

International Communication English  
International Communication English

第1册 第1册  
第2册 第2册

# 国际商务交流英语教程

中国对外翻译出版公司



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研究生英语课程系列教材

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# 前 言

《国际学术交流英语教程》是解放军理工大学联合多所军队院校开发的《研究生英语课程系列教材》之一。本套系列教材主要供非英语专业研究生使用,包括《初级英语综合教程》、《初级英语视听说教程》、《中级英语综合教程》、《中级英语视听说教程》、《高级英语综合教程》和《国际学术交流英语教程》。

利用英语进行国际学术交流是英语应用能力的重要组成部分,是高层次人才了解最新科研动态、把握相关学科前沿、从事国际间学术交流与合作、开展科研和理论创新所不可或缺的重要工具。

《国际学术交流英语教程》以参加国际学术会议的全过程为主线,以国际学术交流的主要环节为重点内容而编写。在介绍国际学术会议基本知识的基础上,以国际学术会议信息收集、论文撰写、申请信函撰写、会议发言与论文宣读等技能训练为重点,培养综合运用英语从事与本人专业相关的科学研究、国际学术交流与合作的能力,促进英语综合应用能力、人文素质、中西文化修养和跨文化国际合作与交流能力的不断增强与全面提高。

本教程按内容由4章组成,每章再分为若干单元,共14单元。每单元根据需要按内容组成若干节,各节设有标题及相关内容。单元标题后和各节标题后加列本单元和本节所涉及的主题情况介绍。文中涉及的各类知识点、长难句及其译文采用尾注形式,按文中顺序统一排序。每单元末尾设若干道“应用练习题”,以培养国际学术交流中的英语获取、处理、综合、与交流信息的能力。

本教程在编写过程中参阅了国内外大量有关文献,谨在此致以衷心的感谢。

本教程虽几易其稿力求完善,但由于我们的水平有限,不当之处在所难免,诚望各位同行和读者提出批评和建议。

编 者  
2014年6月

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## Chapter One

# International Academic Conference ABC

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Every day, when you watch TV, read newspapers, skim through<sup>①</sup> magazines or browse the Internet, you may come across news about international conferences in different fields.

① In fact, as a scholar, so long as you follow with interest<sup>②</sup> the information sources about academic conferences, you would get much information about the international academic conferences in your own field held, being held or to be held in some place of the world. Participation in the international academic conference is an important way of keeping yourself informed of the latest development in your field, getting acquainted with other experts and scholars in the academic circles, and acquiring opportunities to hold exchanges and cooperation with them so as to broaden your eyesight and improve your academic studies. This chapter consists of three units, designed to help you get acquainted with the general information about international academic conferences. Unit One introduces such common sources as the Internet, professional journals and conference literature for getting academic conference information. Unit Two presents general knowledge about international academic conferences. Unit Three introduces the common preparations to be made for attending an international academic conference.

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① skim through: 浏览

② follow with interest: 关注





# Unit One

## Sources for Academic Conference Information

Whether or not you are delivering a paper, it is beneficial to attend a professional conference in your field. It will also do you much good to read the information about or the prints of an academic conference, even if you do not have the opportunity to attend it. Participating in professional conferences and reading conferences literature<sup>③</sup> should become an important part of your professional **agenda**. In this unit, you will find some useful sources for international academic conferences.

### 1. The Internet

We live in the e-era of information age. The Internet is a popular source of information. There are over one billion pages available on the World Wide Web<sup>④</sup>. When you are thinking of taking part in some professional activities, you'll need to use a search engine<sup>⑤</sup> to find information you need.

Internet search engines are tools that use computer programs to gather information automatically on the Internet. With this information, they create a **database**. ② Each of the major search engines attempts to do the same thing — namely, index the entire Web — so they handle a huge amount of data which are frequently updated. The search engines give access to very large collections, and provide the most comprehensive search results.

Search engines are the best tools to use when you are looking for very specific information or when you explore for possible conferences to be held in your own field. Usually when you need information on a very detailed or **multifaceted** subject, a search engine will give you not only more information, but also the most precise and up-to-date information possible. If you are looking for a specific meeting or possible **forthcoming** conferences, a

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③ conferences literature: 会议文献

④ the World Wide Web: 互联网

⑤ search engine: 搜索引擎



search engine is the best place to start. And you would be smart to use more than one, because each engine gives different results, for although most of the major search engines attempt to index the entire web, each one has a different way of determining which pages are most relevant to your search request. In one database of a search engine, a relevant document may be the 100<sup>th</sup> on the list; in another database, the same document may be the first. In order to **retrieve** the most relevant documents, you should become familiar with many search engines and their features and learn to use the Internet and the World Wide Web effectively and efficiently to get the most from the resources and services available online.

The following are some of the most popular search engines available on the Internet:

<http://www.google.com>

<http://www.baidu.com>

<http://www.excite.com>

<http://www.yahoo.com>

<http://www.hotbot.com>

<http://www.lycos.com>

<http://www.northernlight.com>

<http://www.nbc.com>

<http://www.webcrawler.com>

<http://www.infoseek.com>

<http://www.about.com>

<http://www.ask.com>

When you search for information for a specific conference, you may take the name of the conference as the chosen keywords; if you are searching for some possible forthcoming conference, words that describe the important concepts of your search, such as “satellite communication”, “cognitive radio”, plus one of the following search terms: meeting, conference, **congress**, **convention**, **symposium**, **forum**, call for papers<sup>⑥</sup>, call for abstracts<sup>⑦</sup>, **announcement**, activities, **calendar**, etc. Or you may specify a year, such as 2015, in hopes of finding something to be held in the chosen year.

The following is an example about the results searched from the Internet by “google” — the upcoming conferences organized by IASTED (The International Association of Science

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⑥ call for papers: 论文征稿启事

⑦ call for abstracts: 摘要征稿启事



and Technology for Development):

## Welcome!

The International Association of Science and Technology for Development (IASTED), is a non-profit organization founded in **Zurich**, Switzerland in 1977. The purpose of IASTED is to promote economic development through science and technology. This goal is achieved through more than 300 conferences IASTED has organized in over 25 countries around the world. ③ After 25 years, IASTED continues to bring top scholars and members of industry together to develop and share new ideas, facilitate cultural exchange and encourage international unity.

### UPCOMING CONFERENCES

#### June 2014

Robotics Applications, Zurich, Switzerland

Biomedical Engineering, Zurich, Switzerland

#### July 2014

Computers and Advanced Technology in Education, Banff, Canada

Modelling, Simulation, and Identification, Banff, Canada

Environmental Management and Engineering, Banff, Canada

#### September 2014

Environment and Water Resource Management, Gaborone, Botswana

Modelling and Simulation, Gaborone, Botswana

Power and Energy Systems, Gaborone, Botswana

Health Informatics, Gaborone, Botswana

If you are interested in an upcoming conference planned by The International Association of Science and Technology for Development (IASTED), you can click it and get more information about it.

If the results are not satisfactory, try the same subject terms in a different search engine. Some search engines, such as Excite and Hotbot, support concept searching; that is, the search engine automatically searches for **synonyms** of the words you enter. For example, if you asked for “symposium”, it might return results with the word “**workshop**” or



“conference” as well. Hotbot and some other engines are good for very specific searches because they have the capability to limit searches by date.

If you're new to the Internet, you may want to try each of the above or other search engines to see which one can help you get the most relevant results for the same search request. If you want to save time in the long run<sup>⑧</sup>, however, it is a good idea to follow a certain strategy, especially when you're new to a particular search engine. A basic search strategy can help you get used to each search engine's features and ensure good results if your search is multifaceted. When you're using the Internet you need to remember you're sharing a resource that's spread throughout the world. There will be times when the net does not work perfectly. In any case, be persistent and be ready to learn new things.

As you can see, from the above announcement, you can get the expected date of the symposium and the main theme, the organizers of the conference and the contact details. With this information, you could make much earlier preparations if you are interested in attending it. You may find such kind of information from the Internet if you explore it with a purpose. In going over these web pages, or the list of thousands of related web page links, you may fortunately find out the conferences you are most interested in or at least get an idea about what is happening and what will happen in your field.

Some specialized databases often hold their information in some **format** different from HTML<sup>⑨</sup>. So search engines do not index these sites. There are some special meta-search tools that in a number of cases can direct you to an alternative for the major search engines like yahoo and Hotbot. The major meta-search engines<sup>⑩</sup> available on the Internet are:

<http://www.fossick.com>

<http://www.search.com>

<http://www.dogpile.com>

<http://www.invisibleweb.com>

<http://www.metacrawler.com>

<http://www.abcsearch.com>

<http://www.AllSearchEngines.com>

<http://www.leidenuniv.nl>

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⑧ in the long run: 最终

⑨ HTML: Hypertext Markup Language 超文本链接标示语言

⑩ meta-search engine: 元搜索引擎



④ Some of the above meta-search engines are **discipline-** or subject-specific, while others are collections of national or regional search engines. They aim to help users locate the best search tools for their search needs, resulting in faster and more accurate search results.

The following is an example about the results searched from the Internet by “excite” — the upcoming conferences sponsored by ASME (the American Society of Mechanical Engineers):

### ASME 2014 International Design & Engineering Technical Conferences and Computers & Information in Engineering Conference

Buffalo, New York  
August 17 - 20, 2014

The ASME 2014 International Design & Engineering Technical Conferences and Computers & Information in Engineering Conference (IDETC/CIE 2014) will take place during August 17 - 20, 2014 in Buffalo, NY. ⑤ This event is the flagship international meeting for Design Engineering and its affiliated conferences listed below. This year IDETC/CIE 2014 will also **collocate** with the ASME 2014 Advanced Design & Manufacturing Impact Forum.

- 16th International Conference on Advanced Vehicle Technologies (AVT)
- 34th Computers and Information in Engineering Conference (CIE)
- 40th Design Automation Conference (DAC)
- 11th International Conference on Design Education (DEC)
- 2nd **Biennial** International Conference on Dynamics for Design (DFD)
- 19th Design for Manufacturing and the Life Cycle Conference (DFMLC)
- 26th International Conference on Design Theory and Methodology (DTM)
- 38th Mechanisms and Robotics Conference (MR)
- 8th International Conference on Micro- and **Nano-systems** (MNS)
- 10th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC)
- 26th Conference on Mechanical Vibration and Noise (VIB)
- 7th Frontiers in Biomedical Devices (BIOMED)
- Tutorials and Workshops
- Additive Manufacturing Forum
- Medical Devices Forum



Technical papers describing research results are **solicited** for the 2014 IDETC/CIE which will also include plenary sessions, keynote lectures, and tutorials on topics related to engineering design and computers in engineering. These conferences provide a unique forum for the sharing of recent research results as well as networking with friends and colleagues. Industry participation is particularly encouraged so that the conferences may provide opportunities for fruitful exchanges between the research and industrial communities.

We look forward to welcoming you to Buffalo, NY in August, 2014!

The following is an announcement for an International Conference on Communications and Telecommunications Engineering to be held in 2014 in Paris.

**ICCTE 2014: International Conference on Communications and  
Telecommunications Engineering**

Paris, France

July 21 – 22, 2014

**Conference Objectives**

The ICCTE 2014: International Conference on Communications and Telecommunications Engineering aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Communications and Telecommunications Engineering. It also provides the **premier** interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Communications and Telecommunications Engineering.

**Call for Submissions**

We encourage you to contribute to and help shape the conference through paper submissions. For the technical research track, we invite high quality submissions of papers describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of Communications and Telecommunications Engineering. The conference solicits contributions of full-length



papers, short papers, posters and abstracts, that address the themes and topics for the conference, including figures, tables and references of novel research material. Please review the submission and formatting instructions carefully. Submissions that do not comply with the instructions and size limits will be rejected without review.

### **Conference Proceedings**

All submitted conference papers will be blind peer reviewed by three competent reviewers. The post conference proceedings will be published in the International Science Index and submitted to be indexed in the Thomson Reuters, CiteSeerX, Google Books and Google Scholar, EBSCO, SCOPUS, ERA and ProQuest. The conference proceedings book & CD and certificate of presentation will be distributed to the conference participants at the conference registration desk.

### **Special Journal Issues**

ICCTE 2014 has teamed up with the Special Journal Issue on Advances in Communications and Telecommunications Engineering. A number of selected high-impact full text papers will also be considered for the special journal issues. All submitted papers will have opportunities for consideration for this Special Journal Issue. The paper selection will be carried out during the peer review process as well as at the conference presentation stage. Submitted papers must not be under consideration by any other journal or publication. The final decision for paper selection will be made based on peer review reports by the Guest Editors and the Editor-in-Chief jointly. Selected full text papers will be online published as free of charge.

### **Conference Sponsor and Exhibitor Opportunities**

The Conference offers the opportunity to become a sponsor or exhibitor in the Conference, please download and fill in the **Conference Sponsorship Request Form**.

### **Important Dates**

Paper submissions	May 31, 2014
Notification of acceptance	June 10, 2014
Final paper submission and authors' registration	June 21, 2014
Conference Dates	July 21 - 22, 2014

### **Related Conferences**

ICCTE 2014: International Conference on Communications and Telecommunications Engineering, Singapore, SG



ICCTE 2015: International Conference on Communications and Telecommunications Engineering, Singapore, SG

ICCTE 2016: International Conference on Communications and Telecommunications Engineering, Singapore, SG

### **Selected Conference Papers**

Relay Node Selection Algorithm for Cooperative Communications in Wireless Networks

Cryptanalysis of Yang-Li-Liao's Simple Three-Party Key Exchange (S-3PAKE) Protocol

Turkic-Indian Lexical Parallels in the Framework of the Nostratic Language's Macrofamily

Optical Wireless Sensor Networks Based on VLC with PLC-Ethernet Interface

Attacks Classification in Adaptive Intrusion Detection using Decision Tree

A Balanced Cost Cluster-Heads Selection Algorithm for Wireless Sensor Networks

Client Server System for E-Services Access Using Mobile Communications Networks

## **2. Professional Journals<sup>①</sup>**

Besides the Internet, professional journals are also good sources for conference information.

You can often find in a journal some **circulars**, announcements or calls for papers and calls for abstracts, **posters** or proposals for very specific conferences to be held in your field.

The following is an announcement for 16th Conference on Mountain Meteorology to be held in August, 2014 in San Diego.

### **CALL FOR PAPERS**

#### **16th Conference on Mountain Meteorology**

18 – 22 August 2014

The 16th Conference on Mountain Meteorology, sponsored by the American Meteorological Society (AMS) and organized by the AMS Committee on Mountain

① professional journal: 专业期刊





Meteorology, will be held in San Diego, CA at the Catamaran Resort (<http://www.catamaranresort.com>). Hotel information will be posted soon, preliminary programs, registration, hotel, and general information will be posted in late May (<http://www.ametsoc.org>).

Papers and posters for this conference are solicited on all aspects of weather and climate over complex **topography**, including but not limited to:

- Stable and convective orographic precipitation
- Boundary layers and turbulence in complex terrain
- Slope flows and cold pools
- Mountain air quality and chemistry
- The effect of the planetary boundary layer on aerosol and chemical measurements at high-elevation sites
- Mountain waves, rotors, and terrain induced windstorms
- Barrier jets and their impacts
- Mountain climate and climate change
- NWP and data assimilation in complex terrain
- Influence of terrain on meso- and synoptic scale predictability
- Wind resource assessment in complex terrain
- Hydrological processes in complex terrain
- Water-vapor transport in complex terrain
- Lake breezes, land/sea breezes, and other complex-topography effects
- Results from recent field campaigns: HyMeX, Materhorn, HMT, DeepWave, CalWater, etc.

The deadline for abstracts has passed. Authors of accepted presentations will be notified via e-mail in late May. Instructions for formatting extended abstracts will be posted on the AMS website. These extended abstracts (file size up to 10 MB) must be submitted electronically by 22 **September** 2014. All abstracts, extended abstracts, and presentations will be made available on the AMS website.

For further information, please contact the program co-chairs: Daniel Kirshbaum ([daniel.kirshbaum@mcgill.ca](mailto:daniel.kirshbaum@mcgill.ca)), F. Martin (Marty) Ralph ([mralfh@ucsd.edu](mailto:mralfh@ucsd.edu)).