

16th International Corrosion Congress

First Announcement and Call for Papers

Beijing · China

September 19-24, 2005



Organized by

Chinese Society for Corrosion and Protection

By-organized by

**Institute of Metal Research, Chinese Academy of Sciences
University of Science and Technology Beijing**

Sponsored by

China Association of Science and Technology
Ministry of Science and Technology, China
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INVITATION

The 16th International Corrosion Congress will be held from September 19 to 24, 2005 in Beijing, China. As the local organizer, the Chinese Society for Corrosion and Protection welcome our international friends to Beijing.

The 16th International Corrosion Congress provides international scientists and engineers opportunities to share common interests and to experience a rapidly changing China.

We hope that the events of the Congress will contribute to the professional advancement of the participants and that they will enjoy the beautiful landscape and ancient culture of China.

16th INTERNATIONAL CORROSION CONGRESS

The International Corrosion Congress is the major event of the International Corrosion Council (ICC), an international body composed of representatives from more than 70 countries. China welcomes all to Beijing for the celebration of the 16th anniversary of this International Corrosion Congress.

TECHNICAL PROGRAMME

The technical sessions of the congress will include invited lectures, keynote speeches, oral and poster presentations, and exhibitors. The theme of the

meeting is Corrosion and Protection in the High Technology Era. This Congress will extend for five days including one day for a city tour including the Great Wall.

TOPICS

1. Corrosion problems and countermeasure in modern high-tech industries
2. Corrosion and protection in advanced materials (nano structured materials, composites, etc.)
3. Corrosion and protection in light alloys
4. Integrity of pipelines
5. Corrosion and protection in natural environments (atmosphere, water and sea water, soils, microorganisms)
6. Corrosion and protection in industrial environments (petroleum, chemical, energy source, aeronautics and astronautics, constructions, communication, power and other industries)
7. Corrosion and protection in polluted water
8. Corrosion of concretes
9. Local corrosion (pitting, crevice corrosion, intergranular corrosion, etc.)
10. Hydrogen embrittlement and stress corrosion cracking
11. Corrosion fatigue
12. Corrosion erosion
13. High temperature corrosion and protection
14. Corrosion electrochemistry and electrochemical testing techniques
15. Cathodic protection and anodic protection
16. New corrosion resistant materials
17. Inhibitors
18. Surface protection techniques
19. Surface analytical techniques
20. Industrial examining and monitoring
21. Computer applications in corrosion and protection fields
22. Corrosion databank and information system
23. Failure analysis and industrial serving
24. Corrosion testing methods and standards
25. Duration and life prediction

26. Corrosion education and training
27. Corrosion economics and management

PROGRAM FORMAT

Five-day congress.

Plenary lectures given by distinguished speakers.

Keynote lectures.

Several simultaneous technical sessions each day.

THE VENUE

Beijing

CALL FOR PAPERS

The 16th International Corrosion Congress is open to all who are interested in corrosion science and technology. Papers selected could be presented orally or at a poster session. All papers will be included in the congress proceedings.

A 300 to 500 words abstract and the Application Form (included in this brochure) must be received at the Congress Secretariat by December 30, 2004. Information regarding the abstract preparation instructions will be available at the congress website <http://www.16ICC2005.com> or at the Congress Secretariat.

IMPORTANT DATES

First announcement	December 1, 2003
Deadline for abstracts submission	December 30, 2004
Acceptance of papers	February 28, 2005
Second announcement	February 28, 2005
Deadline for full paper manuscripts submission	May 31, 2005
Final program	July 2005
Conference	September 19-24, 2005

PROCEEDINGS

LANGUAGE

The official language of the congress (manuscripts, presentations, etc.) is

English.

EXHIBITION

A trade exhibition will be associated with the 16th international Corrosion Congress. The exhibits will be located near the meeting rooms to encourage the traffic flow of the visitors through the exhibiting area. This exhibition provides an opportunity to corrosion and corrosion protection firms, universities, research companies, associations and editorials to display their products, facilities and expertise to people working in the corrosion field worldwide. Those who are interested in taking part in the exhibition are asked to fill in and return the relevant section of the attached Application Form.

REGISTRATION INFORMATION

Registration can be made by filling up the registration form or by the website <http://www.16ICC2005.com>

Pre-registration (before July 30, 2005): \$700

Late registration (after August 1, 2005): \$750

ICC member registration: \$500

Student registration: \$400 (without proceedings)

Full registration fee includes participation in all technical sessions, a proceeding (Abstracts), a proceeding in CD-ROM, a welcome reception, four lunches, a banquet, refreshment breaks, one-day local tour.

SOCIAL PROGRAMME

The Conference will organize a number of social programs

- Welcome Reception
- Conference Dinner
- One-Day Excursion (to the Great Wall)

Social programs for accompanying persons will also be organized, with English speaking guides

Post-conference tour is also available organized by travel agency

