

The 6th Libyan Corrosion Conference and Exhibition (6th Libyancorr 2007) 12-14 November, 2007, Tripoli (Libya)

Foreword

It is my pleasure to invite you to attend “**The 6th Libyan Corrosion Conference and Exhibition (Libyancorr 2007)**” which is to be held at Tripoli (Libya) on 12-14 November, 2007. **Libyancorr 2007** is the most important event in Libya and a reference around the world on the subjects of corrosion science and technology. The conference will comprise presentations from invited speakers as well as contributions from professionals from various parts of the world who are involved in different aspects of corrosion science and technology.

On behalf of the organizing Committee of **Libyancorr 2007** I enthusiastically invite national and international companies, universities and research centres as well as interested individuals to come to Libya and participate in the conference and in the technical exhibition.

This conference and exhibition will present challenges and opportunities for national and international organizations engaged in corrosion science and technology to meet scientists, engineers and decision makers.

I sincerely hope that you will participate in this exciting event. I would like to take this opportunity to welcome all participants to Tripoli (Libya) for this extremely rewarding and enjoyable event.

(Eng. Faraj Elmashai)
Chairman of Organizing Committee

Scientific Sessions

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Conference Topics

- Developments in Cathodic Protection.
- Developments in corrosion inhibitor technology
- Corrosion in Oil and Gas Production and Processing.
- Corrosion in Marine Environment.
- Case Studies Highlighting Corrosion Evaluation
- Corrosion of Metal in Concrete
- High temperature corrosion
- Developments in electrochemical methods in corrosion research
- Material selection and development
- Environmentally Induced Cracking; Stress Corrosion Cracking, Corrosion Fatigue, and Hydrogen Embrittlement.
- Corrosion monitoring and long term prediction
- Degradation and corrosion of materials in biologically active environments.
- Paints and Coating
- Corrosion of non-metallic materials.
- Corrosion economic and management
- Corrosion education, training and development
- Standardization, education and certification and quality control

CALL FOR PAPERS

Abstract Submission

The abstract of the papers for oral presentations related to the described sessions are welcome. Authors are kindly invited to send their 1-page abstracts. Electronic submission of abstracts is recommended. The last date for submission of abstract is 15 February, 2007.

Abstracts should be sent electronically to the following conference secretariat e-mails:

elmashai@yahoo.co.uk

or

ahmadift@yahoo.com

or

lcs@littnet.net

Instructions for Preparation of Abstracts

Abstracts should be submitted as Word (.doc) documents. Margins should be 3 cm wide on each side on an A4 paper format (210 x 297 mm). The text should be single-spaced and justified using Times New Roman 12 pt font. The title should be centred in bold 14 pt letters, followed by the name(s) of author(s) (centred, 12 pt), and

affiliations (centred, italic, 12pt). The name of the corresponding author should be underlined. Please leave one blank line between the title and the authors, the authors and the affiliations (full addresses with e-mail), and two blank lines between the affiliations and the body of the text.

The abstract should not include any drawings or graphs. The total abstract length should not exceed one page (or 350 words).

Commercialism - Material of a commercial nature is unacceptable in an abstract or in text of the technical paper. Often, generic descriptions can replace trade names.

IMPORTANT DATES

Deadline for Receiving Abstracts - 2007 , Extending to 31 March 2007

Date for Information of Scientific Committee Decision – 2007 , Extending to 15 April 2007

Deadline for Submission of Full Text of Paper – 30 June, 2007

Guidelines for Preparing Your Technical Paper

The following guidelines are designed to help you prepare a manuscript for presentation in **Libyancorr 2007**.

Format of Manuscript

To adhere to the standard format layout for **Libyancorr 2007** technical papers, it is a necessity that you use the Microsoft document format. Margins should be 3 cm wide on each side on an A4 paper format (210 x 297 mm). The text should be single-spaced and justified using Times New Roman 12 pt font. All titles and subtitles should be bold.

Content of Manuscript

Organization

Proper organization should lead the reader through your supporting data and theories to a logical conclusion. The following outline generally applies to **Libyancorr 2007** technical papers:

Title: The title should be concise, attract attention, and highlight the main point of your paper. Company names and abbreviations should not appear in the title. Below the title, include the full names and institution/company affiliations of all authors.

Abstract: Use an abstract of maximum one page (not more than 350 words) to summarize the paper, stating significant new information and conclusions.

Introduction: Outline the problem and briefly explain the solution.

Statement of Theory and Definitions: Explain theory, define terms, describe test procedures used, and outline any problems peculiar to the subject.

Description and Application of Equipment and Processes: Tell how the equipment was used and how tests were conducted. Describe any unusual test procedure(s) and discuss the development of experimental equipment, with illustrations if possible. Evaluate the equipment and its applications.

Presentation of Data and Results: Present results in the clearest form, whether it is text, figures, or tables. Use the text to provide essential information on figures. Be sure to define all terms in the text and in figures and tables. Interpret clearly the data being presented.

Conclusions: State directly and briefly your conclusions and the utility of these conclusions. All conclusions should be supported by data presented in the paper.

Acknowledgements: Briefly cite or acknowledge special help from individuals or organizations.

Nomenclature: If you use symbols, define them in a formal Nomenclature at the end of the text. Symbols should conform to the IUPAC symbols and be listed alphabetically.

References: References should be numbered in the order they are cited in the text and listed in number order, not alphabetically. Information should be as complete as possible and in the following order: 1) reference number; 2) authors' last names and initials; 3) title of paper or article in quotation marks or title of book in italics; 4) publication in which the article appears in italics; 5) name of publisher and city where the publisher is located (for books only); and 6) date of publication, volume number in bold face, and beginning page. Examples:

(Reference to an article in a journal)

1. Heseltine, N.G. and Beeson, C. M.: "*Steam Injection Systems and Their Corrosion Problems*", *Mat. Pro.* (1965), **Vol. 4**, No. 10, pp. 57.

(Reference to a paper presented at a conference)

1. Ahmad, I. and Rahuma, M. N.: "*Development of Environmentally Acceptable Oxygen Scavenger for Treatment of Boiler Feed Water*", *Proceedings of Libyancorr 2005* held at Benghazi (Libya) on 14-16 November, 2005, pp. 215.

(Reference to a book)

1. Trabonelli, G. and Carassiti, G.: “*Mechanism and Phenomenology of Organic Inhibitors*”, in Fontana, M. G. and Stachle, R. W. (Eds.), *Advances in Corrosion Science and Technology* (1970), **Vol. 1**, Plenum Press, New York, NY.

Appendix: Use appendices for mathematical derivations and supporting material too detailed to include in the body of the paper. Designate multiple appendices as Appendix A, Appendix B, etc.

Tables: Tables should be used only if they present information more effectively than running text. All tables should be cited in the body of the paper. Number tables sequentially as they appear in the paper. In appendices, do not continue the numbering sequence from the body of the paper, but number tables by Appendix and numeric sequence, i.e., Table A-1, Table A-2, Table B-1, etc.

Figures: All figures should be cited in the body of the paper. The following guidelines are useful in preparing figures that convey your message clearly.

1. Make your figures as simple as possible.
2. Use horizontal orientation.
3. Use only as many grid lines as necessary to illustrate your point.
4. Although dual units (customary and SI units) are not required, you may want to present dual scales of measure on keys and axes.
5. Number figures sequentially as they are mentioned in the paper. In appendices, do not continue the numbering sequence from the body of the paper. Instead, number of figures Fig. A-1, Fig. A-2, Fig. B-1, etc. Provide brief but descriptive captions for all figures.
6. Use a minimum of ordinate and abscissa values so they do not run together.
7. Ensure that all lines in the figure are of the same intensity and that all the figures have matching intensities.

Presentations

The programme committee prefers that all oral presentations be on power point. Computers and power point projectors will be available in all the halls. Power point presentations should be given to the programme officer in the form of diskettes, CDs or flash disks.

Presenters who wish to use different media (overhead projectors, slide projectors, etc.) should inform the organisers in advance so that they can be accommodated.

Student Poster Session

In association with the convention of the Sixth Libyan Corrosion Conference and Exhibition (Libyancorr 2007), The Libyan Corrosion Society has the pleasure to introduce Poster Session for undergraduate and postgraduate students. It includes current graduation and future projects related to corrosion and protection science and technologies. This initiative came as a move to encourage and motivate creativity among young scientists and engineers who are concerned with this field and to further strengthen the ties between universities and industries.

Therefore, participants who would like to present their work as posters are welcome and requested to submit one page abstract to the Scientific Committee. The electronic submission of abstract is recommended.

The best poster will be selected among the displayed posters and will be given Best Poster Award.

The poster session(s) will be allocated sufficient time for presentation and discussion in The Technical Program of the conference. The poster should be constituted considering the following points:

1. Poster (size: 91 cm wide, 122 cm long) topics should reflect the conference defined topics.
2. Word limit of approximately 500 words
3. Include a statement of the problem, issue, or situation.
4. State the objectives of the research or project.
5. Describe the methodology used to solve the problem or implement the program.
6. Identify major findings or outcomes and their significance.
7. State the conclusions.
8. There should be a logical sequence to your display. For example: introduction, development, and conclusion.
9. Lettering should be simple, bold, and easily readable at distance of 1.5 meters.
10. Include a heading with your poster title that includes your name and your affiliation.
11. Charts, drawing, photographs, and other visuals are encouraged because they enhance the effectiveness of your presentation.
12. Hand-out materials for attendees are encouraged and should be brought with you. Each poster presenter should present during the poster session to talk to conference attendees about your work and to answer questions.