

Conference Organization

- All the presentations will be collected as videos before the Conference and published in the IGF YouTube channel
- All the participants will be allowed to watch the presentations before the Conference
- During the Conference, the authors will hold a really short presentation (max 1 minute) to show the core of their work. The Conference will be focused on the discussions.

Conference Programme

The Conference Programme will be available 10 days before the Conference (10.09.2021).

Deadlines

28.02.2021: Symposia proposal
01.03.2021-31.05.2021: Abstracts submission
15.06.2021: Abstracts acceptance notification
30.06.2021: Early bird registration
30.06.2021: Video registrations submission
21.09.2021 – 24.09.2021: Virtual Conference
30.09.2021: Papers submission (after the event)
15.10.2021: Papers acceptance

Fees

Delegates, before 30.06.2021: 200 €
Ph.D. students, before 30.06.2021: 150 €

Fees include:

- The publication of one paper on the dedicated issue of Procedia Structural Integrity
- The virtual participation to all the sessions

Each supplementary paper will imply a fees increase of 30 euros.

Registration payments

By bank transfer (free of charge for ESIS)
Payment procedure is available in the event website.

Special Issues

Special Issues of International Journals with extended versions of selected papers presented at CP 2021 will be published after the Conference:

- Engineering Failure Analysis
Special Issue on Crack Paths 2021
- International Journal of Fatigue
Special Issue on Fatigue Crack Paths 2021

Thematic Symposia Announcement

In conjunction with this announcement, we are also issuing a worldwide call to suggest thematic symposia for the Conference open to everybody. Presentations will be chosen by the symposia organizers among the abstracts submitted.

The proposal should include:

- symposium title
- name(s) and affiliation(s) of the Symposium chairperson(s)
- description (300 words) of the Symposium topic and scope
- three to five keywords that best describe the issue(s) presented

To propose a Thematic Symposium, please send an email with “*Thematic Symposium CP2021*” in the subject line to:

sabrina.vantadori@unipr.it

The deadline for the submission of proposals is February 28, 2021.



Organised by TC3
*Fatigue of Engineering
Materials and Structures*

CP 2021

The 7th Virtual
International Conference on
Crack Paths

September 21-24, 2021

Sponsored by ESIS
- European Structural Integrity Society -



cp2021.crackpaths.org

Foreword

Crack growth can take place under both static and fatigue loading. The complete solution of a crack growth problem includes the determination of the crack path. The crack path in critical components or structures where crack propagation occurs can determine whether failure is benign or catastrophic. Knowledge of potential crack paths is also needed for the selection of appropriate non-destructive testing procedures. This Conference follows the Conferences in Parma in 2003 and 2006, Vicenza in 2009, Gaeta in 2012, Ferrara in 2015, and Verona in 2018.

Chairpersons

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Main topics

Members of different industrial laboratories and scientists from all over the world are invited to contribute with presentations on any of the following topics:

- Experimental Determination of CP
- Theoretical Prediction of CP
- Integrity Assessments based on CP Evaluation
- Microscopic Aspects of CP
- CP of Surface Cracks
- CP of Short Cracks
- Effect of Large Scale Yielding on CP
- Effect of Material Inhomogeneities on CP
- Effect of Non-Proportional Cyclic Loading on CP
- Effect of Environmental Conditions on CP
- CP in Advanced Materials
- Laboratory Methods of Controlling CP
- In-Service Inspection of CP
- Application of CP Concepts and Data in Design
- CP in Additive Manufacturing Processes
- Industrial Application of CP Concepts and Data

Abstracts

Abstracts should be prepared according to the template that will be soon available in the event website.

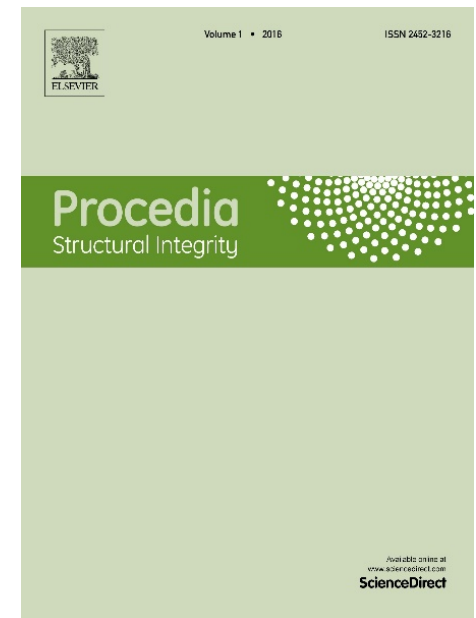
Abstract submission to:

sabrina.vantadori@unipr.it

Proceedings

All the submitted papers, after being reviewed, will be published in an issue of *Procedia Structural Integrity*.

Papers should be prepared according to the template that will be soon available on event website, and submitted just after the Conference.



Procedia Structural Integrity is an open access product focusing entirely on publishing full sets of conference proceedings, enabling fast, worldwide dissemination so that conference delegates can publish their papers in a dedicated online issue on ScienceDirect.

Each issue of *Procedia Structural Integrity* is submitted to Scopus (indexing upon approval by the Scopus advisory board), EI Compendex (indexing upon approval of the EI Compendex advisory board) and Web of Science CPCI (indexing upon approval of the Web of Science advisory board).