Preparation of papers for CACRCS DAYS 2023 WORKSHOP (The title should not exceed 120 characters and contain no abbreviations)

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Abstract

This document is a template which you should use for preparing full papers for the conference. Do not change the font sizes or line spacing to squeeze more text into a limited number of pages. Do not cite references in the abstract. The abstract of the paper should clearly state the motivation for your research, the key goal of your project and the methods (experimental and/or numerical) used in order to reach the goal. The focus should be placed on the results, summarizing these in approximately 2 to 3 sentences. The abstract should not exceed 750 characters. For the formatting please use the format “004.Abstract”.

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**Awards**

*Indicates with* ***X*** *the category in which the Author wants to partecipate*

* paper presented by a fib young member
* the most excellent paper presented by a senior

**Session**

*According to your opinion, indicates with* ***X*** *the session in which the paper could belong*

* A1) Derivation of reliable material models for the analysis of corroded structures
* A2) Models for deteriorated materials: constitutive relationships to be implemented in structural models
* B1) Structural analysis for determining the bearing capacity of structures with corroded steel
* B2) NLFE models for the capacity assessment of corroded members
* C1) Long-term behaviour of corroded concrete structures and determination of the residual service life
* C2) Upgrading of deteriorated structures by reactive and proactive interventions