

Special Edition on Science and Technology of Construction Materials

In 2012, Ambiente Construído (Built Environment) will launch a Special Edition on Science and Technology of Construction Materials. The objective of this Edition is to present a broad view of the state-of-the-art on this topic both in Brazil and worldwide.

The articles for this Special Edition should relate to the following topics:

- (a) cement, cementitious materials and correlated materials, such as concrete and mortar;
- (b) wood based materials;
- (c) metallic based materials;
- (d) polymeric materials;
- (e) materials for paintings;
- (f) bituminous materials;
- (g) ceramics and glasses;
- (h) composites and nanocomposites;
- (i) non-conventional materials;
- (i) other materials in general with an interest towards civil construction, especially those leading towards sustainability and innovation.

Articles that will be accepted for submission can be related to scientific and technological research, development or application of construction materials. Original contributions about microstructure, methods for testing and characterization, fracture mechanics, topics of durability, structural properties, modeling of performance, fabrication and practical applications of the construction materials are very welcome. Contributions related to in situ performance of the material, correlation between performance and building techniques and behavior of the materials applied to components and structures can also be submitted.

The main purpose for this Special Edition is to strengthen Ambiente Construído, which is the Brazilian Association of the Built Environment Technology - Antac, as the leading Brazilian journal in the area of built environment.

All manuscripts will be reviewed by at least two referees chosen amongst members of the Editorial Board or of the Referees Committee, considering the Ambiente Construído existing procedure for peer reviews.

This is the schedule for this Special Edition:

- (a) Submission of the manuscripts: from 1st October 2011 until 30th June 2012;
- (b) Evaluation by the Editorial Board: until Sep 15th, 2012;
- (c) Submission of revised versions of the manuscripts with the necessary revisions: Oct 30th, 2012;
- (d) Publication of the Issue: Dec 31st, 2012.

The papers should contain up to 7000 words, unless in special situations that are authorized by the editorial Board. Additional information regarding the submission of manuscripts is available at the Ambiente Construído website, www.antac.org.br/ambienteconstruido.

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