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Application of the Acoustic Emission Method in Concrete Materials

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Deadline for manuscript submissions:
closed (10 June 2022)

Message from the Guest Editor

Although concrete is one of the oldest building materials (well-preserved Roman concrete structures can still be found standing), developments in recent years have significantly improved its properties (e.g., strength, mechanical and chemical resistance, workability, and others). At the same time, its disadvantages (e.g., fragility, negative environmental impacts) have been overcome. The acoustic emission (AE) method is already well known in the scientific community and is applied in many fields (e.g., pressure vessel inspection, aviation, engineering, and others).

Merging the two topics of acoustic emission and concrete materials offers a number of new insights for experts in both areas. It is therefore my pleasure to invite you to submit an original manuscript for this Special Issue focusing on application of the acoustic emission method in concrete materials. The aim of this Special Issue is to gather knowledge and experience in the latest advances and trends in the given areas.

Potential topics include but are not limited to the following:

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