

Specific Topic: Structures and Infrastructures

Proposed Session: **Innovative Methods for Repair and Strengthening Structures**

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The majority of repairs of highway or building structures are carried out using traditional materials and methods. This session focuses on emerging innovative practices for rehabilitating structures. A range of topics can be covered in this session, e.g. results of laboratory tests, field trials, application of fiber reinforced polymers. Development could also be in the material end, e.g. stainless steel, new applications, e.g. use of powder activated nails as shear connectors in repair. The subject matter is very relevant and at the same time the field is sufficiently broad to attract quality papers from academia and industry.

Number of Papers: 4 to 6

Time: 90-120 minutes.