

Abstract for the Seventh Colloquium  
Unilateral Problems in Structural Analysis  
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Title: **Unilateral structural analysis of monuments.**

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**Abstract**

Unilateral contact effects arise in the structural analysis of monuments. Current developments in computational mechanics and software allow us study real life applications. Furthermore, classical and less classical questions arising in connection with limit analysis, collapse behaviour, and strengthening can be studied with the usage of unilateral contact theory and recent developments of structural optimization techniques.

Recent experience of the authors on the study mainly of masonry bridges will be presented and commented during the talk.