



ABSTRACTS

1. Nicolas POITRINEAU, Eric GASTINE, Marie Laure EL GAMMAL: *Safe Tunnelling Involves Real Time Accurate Monitoring Systems*

The digging of a tunnel in an urban environment causes movements in the underground and on the surface. These can't have a significant impact on existing structures such as buildings, drains, water and gas mains, etc. To avoid, or at least limit possible damage, the installation of a real-time monitoring system suited to respond to the dynamic of the soil-structure combination is desirable.

Organisers



Technical University of Civil Engineering Bucharest
Faculty of Geodesy



International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure
FIG COMMISSION 7
Local and Urban Management
FIG COMMISSION 8
Local Planning and Development
FIG COMMISSION 9
Education and the Management of Real Estate



Partners



Universitatea
de Arhitectură și Urbanism
"Ion Mincu"

