



## ABSTRACTS

### 3. Dumitru-Filip TIVIG, Costin-Sebastian MANU, Cosmin-Ion CIUCULESCU: *Tracing and Traking Mining and Auxiliary Work at Tismana Open Pit Mine*

*Exploitation of useful mining substances from ore body deposits was made since in ancient times both by surface mining and underground mining. In the last hundred years due to technical and technological development, new techniques and methods have emerged for the exploitation of useful mining materials through surface mining which have led to a high efficiency in exploitation. We will continue to talk about surface mining and the work that is being carried out in these open pit mines, in order to avoid stationary periods of the used machinery. The design and tracking of the mining works are carried out by topography engineers using the mining topography methods that will be presented in the following rows.*

#### Organisers



Technical University of Civil Engineering Bucharest  
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