



## ABSTRACTS

### 14. Ioel VERES, Dacian MARIAN, Klaus FISSGUS, Nelu STEFAN: *Analysis of Surface Subsidence for Establishing the Location of a Gas Pipeline*

*The phenomenon of the terrain deformation as a result of underground mining is a major problem in most countries with underground mining operations, this problem is a concern of numerous specialists worldwide. Underground mining lead to significant disturbances in the rocks equilibrium from the roof and sometimes bottom floor of the mined coal seam. Finally, under certain conditions, this movement is transmitted to the surface, causing surface damage and damage of the objectives situated in the area of influence*

*Planning, execution and location of natural gas pipelines, must follow certain safety rules so that their integrity is ensured for a longer period of time. Therefore, in areas with mining activity it is required to realise a study on surface stability and hence stability of civilian and industrial objects located in the area of influence of exploitation.*

#### Organisers



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