

Dear ROBOMINERS LTPs,

At the [EGU 2021](#) General Assembly, there will be a scientific session on 'Automation and robotics for raw materials exploration and production'. The session targets current research helping operation of an autonomous or semi-autonomous underground platform in mineral exploration or extraction. This is an extremely challenging task for which potential solutions can be proposed from collaboration of robotic experts, mining engineers, mineralogists, geochemists, geophysicists and geologists. The challenges are diverse and among others, comprise locomotion techniques in water or slurries, localization and mapping in relationship to an orebody, automated ore following and extraction planning, optimization of extraction tools, and real-time selective mineralogy.

In the name of the conveners, I would like to encourage you to participate in the session and submit abstracts. Details of the abstract submission are described below.

I also kindly ask you to disseminate this information within your communication network.

Kind regards,
Eva Hartai



CALL FOR ABSTRACTS IS NOW OPEN!

#vEGU2021 Session ERE 5.2: "Automation and robotics for raw material exploration and production"

- ✓ Visit <https://egu.eu/1460U1/> and take a look at the Provisional Programme.
- ✓ For information on how to submit the abstract visit:
https://egu21.eu/abstracts_and_programme/how_to_submit_an_abstract.html
- ✓ Submit your abstracts at the following link:
<https://meetingorganizer.copernicus.org/EGU21/session/38887>
- ✓ Make sure you submit your abstract by **13th January 2021 at 13:00 CET!**

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EGU General Assembly 2021

#vEGU21 Gather Online | 19-30 April 2021

Call For Abstracts

Automation and robotics for raw material exploration and production

DEADLINE: 13TH JANUARY 2021

Session Energy, Resources and the Environment (ERE5.2)

Convener: Claudio ROSSI
Co-conveners: Christian BURLET, Eva HARTAI, Giorgia STASI^{ECS}, Michael BERNER^{ECS}