

Part 1: Underground Laboratories and Test-Sites

D770 | EGU2020-22403

Six Underground Laboratories (ULs) Participating in the Baltic Sea Underground Innovation Network

Mats Ohlsson, Jari Joutsenvaara, **Marcus Laaksoharju**, and Eija-Riitta Niinikoski

D771 | EGU2020-20808

The Gran Sasso National Laboratory

Matthias Laubenstein

D772 | EGU2020-21709

Helmholtz Innovation Lab 3D-Underground Seismic Lab

Katrin Jaksch and Rüdiger Giese

D780 | EGU2020-8989

Research and Education Mine Reiche Zeche in Freiberg, Germany

Toni Mueller, Helmut Mischo, **Vera Lay**, and Stefan Buske

D773 | EGU2020-11769

Cheshire Energy Research Facility Site (CERFS): A new experimental observatory location for geoscience energy research.

Andrew Kingdon, Michael Spence, and Mark Fellgett

D777 | EGU2020-20255

Global network of underground research – Literature metadata analysis by Geographic Information Systems (GIS)

Ossi Kotavaara, Jari Joutsenvaara, Eija-Riitta Niinikoski, Pertti Martinmäki, and Ursula Heinikoski

Part 2: Experiments and experimental setups

D788 | EGU2020-14117

The STIMTEC experiment at the Reiche Zeche ULab

Carolin Boese, joerg Renner, and Georg Dresen and the STIMTEC Team

D787 | EGU2020-13477

CHENILLE : Coupled beHaviour undErstaNdIng of fauLts : from the Laboratory to the fiEld

Audrey Bonnelye, Pierre Dick, Stefan Lüth, Jan Henniges, Grzegorz Kwiatek, Anja Schleicher, Alexandre Dimanov, Jérôme Fortin, and Fabrice Cotton

Part 3: What makes the underground laboratories and test-sites to tick?

D778 | EGU2020-1451

| **Highlight**

Developing Business Models for the Underground Labs

Päivi Aro and Helena Ahola

D779 | EGU2020-21767

Innovation Management of BSUIN Underground Laboratories

Rüdiger Giese and Katrin Jaksch

D775 | EGU2020-4437

Conceptual design of underground laboratory under dynamic load condition in deep copper mine

Krzysztof Fulawka, Marcin Szumny, Witold Pytel, and Piotr Mertuszka

D774 | EGU2020-22309

Multi-Dimensional Information Modelling Method for Underground Tunnel Spaces

Rauno Heikkilä, Jorma Hopia, and Anssi Rauhala

Part 4: Underground Environment

D782 | EGU2020-2891

| **Highlight**

Working environment: requirements and restrictions at Underground laboratories

Andrus Paat and Veiko Karu

D783 | EGU2020-20188

Safety issues when using a museums in unused mining workings

Andrei Ivanov, Kirill Shekov, Vitali Shekov, Krzysztof Fuławka, and Witold Pytel

D786 | EGU2020-8120

Multiscale 3D stress field modelling for the URL 'Reiche Zeche' using a discontinuum model approach

Sebastian Rehde and Prof. Dr.-Ing. habil. Heinz Konietzky

D785 | EGU2020-14254

The use of parametric modeling as the geological description of the surrounding rocks in the workings. **Vitali Shekov** and Andrei Ivanov

Part 5: Natural background radiation

D790 | EGU2020-2979

Characteristics of natural radiation background at the Callio Lab (Finland) performed within the BSUIN project

Jan Kisiel, Kinga Polaczek-Grelik, Katarzyna Szkliniarz, Agata Walencik-Łata, Jari Joutsenvaara, Hannah Puputti, Marko Holma, and Timo Enquist

D776 | EGU2020-2980

Characteristics of natural radiation background at the Research and Education mine Reiche Zeche (Germany) performed within the BSUIN project.

Katarzyna Szkliniarz, Kinga Polaczek-Grelik, Agata Walencik-Łata, Jan Kisiel, Toni Mueller, Falk Schreiter, and Robert Hildebrandt

D789 | EGU2020-3353

Characteristics of natural neutron radiation background performed within the BSUIN project.

Karol Jedrzejczak, Marcin Kasztelan, Jacek Szabelski, Przemysław Tokarski, Jerzy Orzechowski, Włodzimierz Marszał, and Marika Przybylak

Not Presented

D781 | EGU2020-22053

Ruskeala underground laboratory for the study of natural waters (Karelia, Russia) not presented

Galina Borodulina

D784 | EGU2020-4443

Cautions blasting in vicinity of underground laboratories

Marcin Szumny, Krzysztof Fuławka, and Piotr Mertuszka