

Interactive comment on “A new-type flexible rock-shed under the impact of rock block: experimental investigation” by S. Shi et al.

S. Shi et al.

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We would like to thank the reviewer for the invaluable comments. These have enabled us to revise and upgrade the presentation of materials in the paper. All the comments are considered seriously and corresponding modifications have been made in the new version of the manuscript.

1. P.4064, Lines 15-19: The Sentences could be removed. They just stand for a typical introduction into rockfall and are not directed to the content of the contribution.

Response: The sentences in the lines 15-19 was removed in the new version of the manuscript.

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2. Actual research on gallery roofs have been published by Schellenberg, K.,(2009). On the design of rockfall protection galleries - An analytical approach for a performance based design, SVH, 196 pp.

and (using net systems, in German)

Wendeler, C.; Volkwein, A., 2010: Pontis Sud, eine flexible Galerie im Hohen ergiebereich. Felsbaumagazin. 6: 351-354.

or

Wendeler, C.; Volkwein, A.; Biedermann, B., 2013: Eine flexible Steinschlaggalerie im Hochenergiebereich als Variante zu einer Betongalerie oder Tunnellösung- Bemessung und Anwendungsbeispiel. Zeitschrift für Wildbach-, Lawinen-, Erosions- und Steinschlagschutz 77, 171: 90-97.

Response: The articles above were added as references in the new version of the manuscript.

3. Page 4068, Line 16: Which sample rate did you use for the tests?

Response: The sample rate used for the tests is 50 KHz.

4. Please, correct/improve English/Spelling.

Response: We thoroughly checked typo and grammar error and improved writing English in the new version of the manuscript.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 1, 4063, 2013.

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