

Interactive comment on “Real-time setup to record radon emission during rock deformation: implications for geochemical surveillance” by P. Tuccimei et al.

P. Tuccimei et al.

paola.tuccimei@uniroma3.it

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Dear colleague, thanks for your revision. We are replying to your comments, as requested.

(1) Comments from referees/public The submitted manuscript addresses the relevant scientific topic of relating the geochemical behaviour of radon/thoron with rock deformation mechanisms. The uniaxial testing apparatus, the high sensitive radon/thoron monitor and the general experimental setup are appropriate to the goal of the research, as well as the decision to study the thoron behaviour, due to its short half-life. Technical

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corrections: page 41, line 18: 'measurements needed for long counting cycles up to 200 min in duration that' should be replaced by 'measurement cycles lasting up to 200 min' page 47, line 22: 'A great deal' should be replaced by 'A large number' page 49, line 3: 'at constant relative humidity' should be added after 'detection temperature'

2) author's response and (3) author's changes in manuscript

We have corrected the technical adjustments that you have suggested and resubmitted the manuscript in PDF format to the journal. Corrections are evidenced in red.

Sincerely Paola Tuccimei on behalf of all coauthors

Please also note the supplement to this comment:

<http://www.geosci-instrum-method-data-syst-discuss.net/5/C7/2015/gid-5-C7-2015-supplement.pdf>

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 5, 39, 2015.

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