

Changing Geant4 Model Parameters

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Goal of the Meeting

- We have already discussed this issue, without finding an agreement, given that we have different opinions
- The only way forward is, within the hadronic working group, to come up with a list of options and then vote
- The most voted option will be presented to the Steering Board, possibly on 17 December

- If time remains today, and in any case not to be exposed to the Steering Board, we can discuss how technically we want to access the model parameters
 - Either for the developers or for the users

List of Options

- Unless strictly needed, we should avoid to discuss once again about the issue, but focus instead in creating a list of options which include everybody position
 - The number should be reasonable, let's say between a minimum of 3 and a maximum of 10
- I propose to start with the 3 options of Okinawa, and then improve them and add new ones

- Then, next week I will send an email with the options we have agreed today and ~1 week to vote
 - Sending to Dennis and I an email with your choice
 - If two or more options get the same score, then we could have a quick second (and last) round of votes between these options, with eventually final decision by Dennis and I to avoid infinite loops!

3 Proposals from Okinawa

1. Geant4 **supports** the users who wish to change the model parameters according to the documentation
2. Only in **exceptional** cases, to be evaluated by the hadronic group, Geant4 supports changes of the model parameters by users
3. Geant4 does **not** support any user change of the model parameters