

Opening Remarks

27th Geant4 Collaboration Meeting,
26th - 30th September 2022,
Rennes,

Marc Verderi (LLR) & Alberto Ribon (CERN)

An “in person” meeting !



- After two virtual meetings, in reduced format, we could get together !
 - A special thanks for those who come from distant locations !
- The in person attendance is good but not as high as we could wish
 - Some strict COVID travel constraints still imposed in some areas !
 - Eg : Japan
 - Some budget limitation
 - And maybe some habit with virtual meetings
 - **In total we have 71 registrations: 38 in person, 29 remote and 4 (?)**
- Of course, we all know that the decaying COVID \neq end of (big) uncertainties and (big) troubles
 - We have to live with...



Program Committee



- For the **Program Committee**, we made an open call to the Collaboration
 - Encouraging young generation to contribute
 - Without refusing members with more mature youth ;)
- The program committee was formed of:
 - **Ben Morgan, Jonas Hahnfeld, Anna Zaborowska, Lorenzo Pezzotti, Pedro Arce**
 - A big thank to them !
 - ex-officio: **Laurent Garnier**, Alberto Ribon, Marc Verderi
- We met on 15th and 20th of July
 - Dense and constructive discussion !
 - Very much focused on the **future of Geant4** and the **transition from “old” to “young” generations**
 - Please note that *volunteering to the program committee is always and excellent opportunity to promote ideas to a wider audience !*
- Adding **Marilena Bandieramonte**, we also “colored” the Technical Forum meeting:
 - As Laurent, our host, is Vis, we decided to promote items related to imaging/geometry/...
 - In addition to more “traditional” presentations

A meeting partly unusual



- In contrast with usual meetings, **two plenary sessions** have been added
 - **Plenary 3 : *Collaboration Evolution***, today !
 - **Plenary 8 : *Internal Seminars & Generation Transfer Knowledge***, on Thursday
- Important items, we felt we should take advantage of the in person format, to foster discussion upon
- Underlying motivations:
 - Generation change is coming
 - Which comes together with change of views, change of practices...
 - What evolution ?
 - How to avoid disruption ?

Plenary 3 & Plenary 8



- **Collaboration Evolution:**

- Big and uneasy work carried out by **Anna Zaborowska, Jonas Hahnfeld, Dmitri Konstantinov, Mihaly Novak, Lorenzo Pezzotti**
 - *Many thanks to them !*
- Based on an anonymous (by default) survey
 - Which collected **suggestions, complains, frustrations...**
- Outcome of this survey will be presented and will be the basis of the discussion

- **Internal Seminars & Generation Transfer Knowledge:**

- **A special effort is needed to ensure the “Generation Transfer Knowledge”**
 - An issue that affects all Working Groups !
 - And for which a **Collaboration Wide response is worth to be considered !**
 - Will be one topic of the discussion
- Internal seminars
 - Can help with the above
 - Can improve also “internal knowledge transfer”, Collaboration spirit, emergence of new ideas...
 - How to shape these internal seminar will the other topic of the discussion
- We'll finish with an **internal seminar** by **Jonas** “An Introduction to GPUs and their Applicability to MC”

A meeting with usual goals too



- As for each Collaboration Meeting we will be discussing regular aspects:
 - Status and progress of developments
 - Possible issues
 - And how to tackle them
 - Anticipated content of next release : 11.1
 - Etc.
- We will be having a **Technical Forum** (tomorrow) and a **Steering Board** meeting (Friday)
- And much important **we will take advantage of being together for whatever additional discussions**

Let's start !



- **First let's address a big special thank to our host, Laurent !**
 - Who had and has to deal with **all the local aspects** !
- Again, let's take advantage of being together to carry on whatever needed discussion that would emerge from presentations !
- And so, let's open our

27th Geant4 Collaboration Meeting in Rennes !