

# Geant4 X : hadronics

A. Ribon  
CERN

D. Wright  
SLAC

# Geant4 X : hadronics

- Nearly all of the hadronic activities
  - Improvements of models (and cross sections)
  - Tuning and Validation
  - Revisions and improvements of the Hadronic Frameworkare **not** affecting directly the **user interfaces**
- The major changes in the use of hadronics for Geant4 users are expected only “indirectly” via the developments in **physics lists**
- Proposed changes in hadronics for Geant4 X are:
  - Removal of Geisha-based models, **LEP** and **HEP**
    - Should we keep LHEP still for developers (e.g. CPU, reproducibility)?
  - Removal of **CHIPS** package
    - Still available for special users (e.g. Jefferson Lab)?
  - Data-size reduction of (at least) **neutron libraries**