

New working group: SFGD Mechanics

**D. Sgalaberna
E. D. Zimmerman
CERN**

3 February 2020

New working group: SFGD mechanics

- Welcome to the new SFGD mechanics working group. This group's charge is being finalized, but it's intended to coordinate development of the SFGD mechanical structure:
 - Design the SFGD box
 - Design the support for the box in the basket
 - Design the interface with the calibration and readout systems
 - Design the assembly fixture for the SFGD
 - Design any lifting fixtures needed
 - Arrange for the production of all the parts above

SFGD mechanics

- We are identifying people/resources for the various tasks. What we know so far:
 - Larry Bartoszek will lead the box design and the support/fixation to the basket
 - CERN drafting resources have been identified
 - Franck Cadoux will lead the FEA efforts