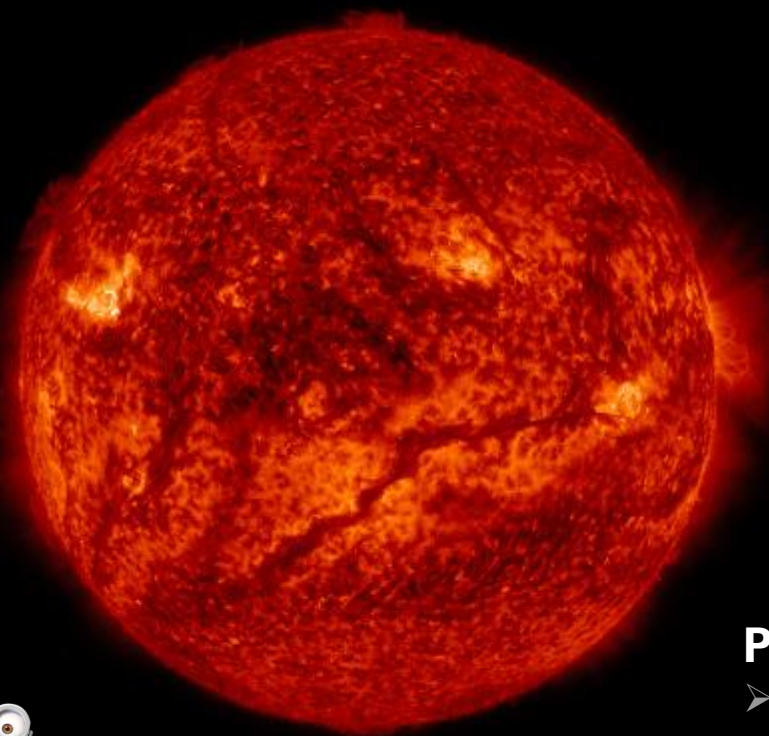


The $^{12}\text{C}+^{12}\text{C}$ reaction at the Bellotti Ion Beam Facility - The setup development

Steffen Turkat, F. Ferraro, R. Gesuè and D. Piatti on behalf of the LUNA collaboration



Motivation

- Crucial for nucleosynthesis of heavy elements

Organization

- LUNA collaboration using 3.5MV Singletron @ Bellotti IBF

Investigation

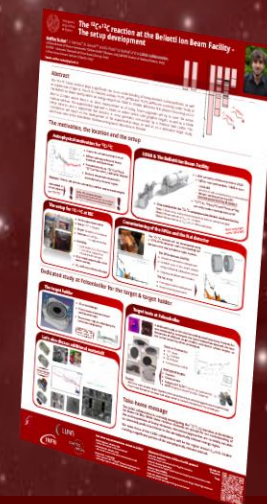
- ^{12}C beam on solid graphite targets

Observation

- Detection of γ -rays with HPGe and NaI

Presentation

- Let's meet at poster #181



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Poster #181