

# Tests Organge

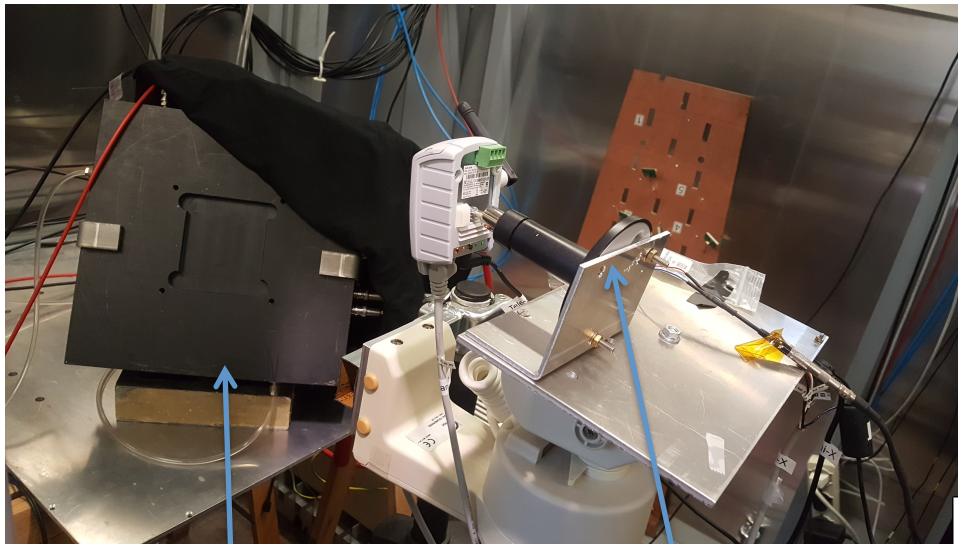
D. Piccolo

L. Benussi

L. Passamonti

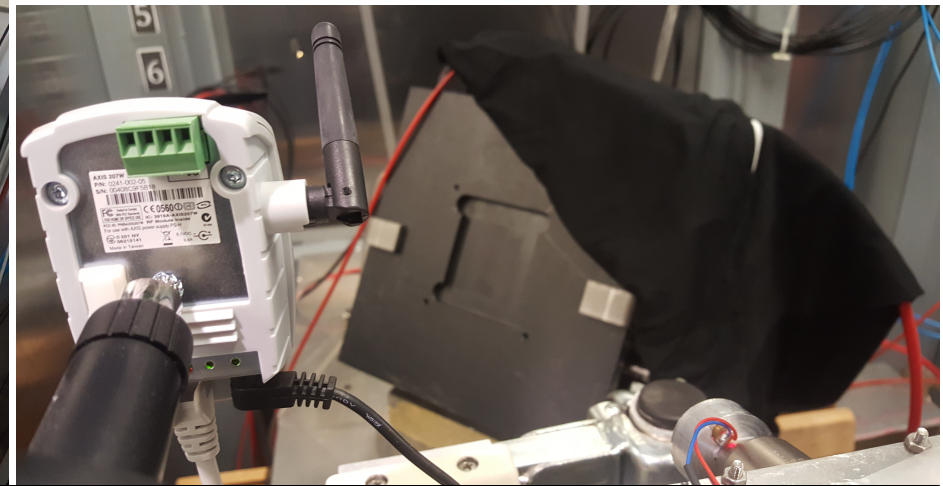
D. Baracchini

# Setup con Xray gun

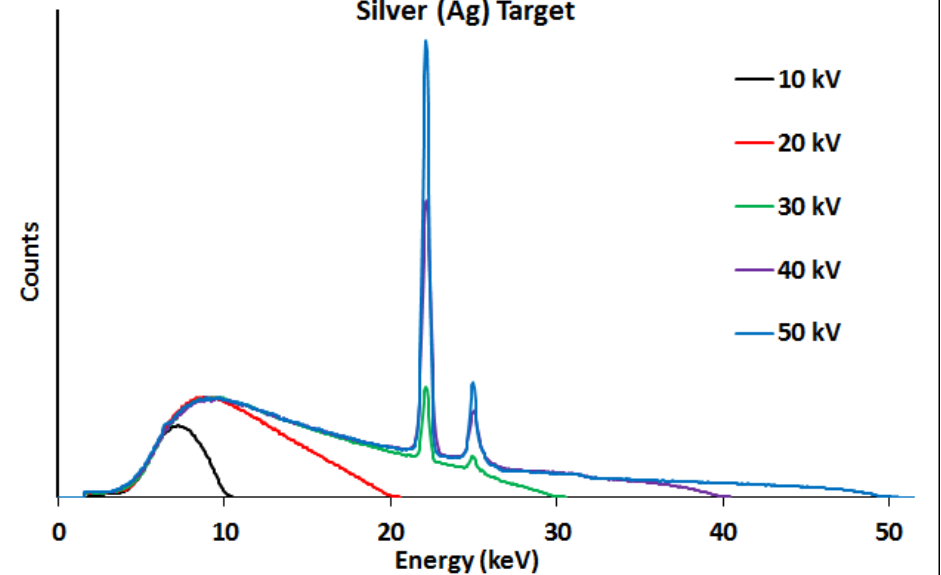


Orange  
4-gem

Xray gun



Mini-X Output Spectrum at Different Voltages:  
Silver (Ag) Target



# Plans

- Misure per verificare il setup:
  - Ar-CO<sub>2</sub> (70-30)
  - Acquisizione corrente GEM4
  - Acquisizione corrente PMT
  - Chiara correlazione  $I_{\text{GEM}} \text{ vs } I_{\text{PMT}} \text{ vs } I_{\text{xray}}$
- Next steps:
  - misure piu sistematiche Ar-CO<sub>2</sub>
  - Misure He-CF<sub>4</sub> (60-40; 70-30; 80-20)
  - Test new mixtures:
    - Replace CF<sub>4</sub> with HFO1234ze (C<sub>3</sub>H<sub>2</sub>F<sub>4</sub>)