



Contribution ID: 25

Type: **Poster**

Resolution and sensitivity improvements in the detection of positrons using CMOS technology.

Friday 6 December 2024 13:45 (3 hours)

In 2023 we published an innovative positron detection technique based on direct detection using CMOS imaging sensors. That work did set the resolution record for real-time detectors but possibly not for non-realtime devices. We present our latest improvements on the result, which yield the highest spatial resolution ever achieved while detecting positrons.

Primary author: GUATIERI, Francesco (Università degli Studi di Trento)

Co-authors: Mr DELLER-YEE, Julian (TUM / FRM II); BERGHOLD, Michael (NEPOMUC / FRM2)

Presenter: GUATIERI, Francesco (Università degli Studi di Trento)

Session Classification: Poster Session

Track Classification: Positrons