

# A Radioactivity Survey of Commercially Available PTFE from European Suppliers

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- **Motivation:** PTFE used in many rare-event searches  
→ radiogenic neutron backgrounds from bulk impurities



- **Study:** cross-sectionally assess bulk contaminations  
→ HPGe  $\gamma$ -ray spectrometry (@GeMSE)  
→ ICP mass spectrometry (@LNGS)



- **Result:** radiopure PTFE cannot be obtained by chance  
→ actively engage with suppliers!

**Poster 012**

