

HEP-TEC-2026

High Energy Physics. Theoretical
and Experimental Challenges.



Contribution ID: 4

Type: **talks**

PROPOSAL FOR UPGRADE OF TRACKING SYSTEMS BY MAPS. FOR EXPERIMENTS CBM AND PANDA (FAIR/GSI)

Thursday, January 15, 2026 10:20 AM (20 minutes)

The international laboratories CBM and PANDA (GSI/FAIO, Darmstadt) plan to begin physical research at the new accelerator complex in 2028. A joint decision was made to join efforts to prepare experimental setups. The report presents a proposal for upgrading the tracking systems of these setups using the latest monolithic micropixel detectors (MAPS).

Author: PUGATCH, Valery (Institute for Nuclear Research, National Academy of Sciences of Ukraine(KINR))

Presenter: PUGATCH, Valery (Institute for Nuclear Research, National Academy of Sciences of Ukraine(KINR))

Session Classification: Session Contributed talks