

Forum on Tracking Detector Mechanics 2017

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Book of Abstracts

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Alpine stave mechanical proposal for the ATLAS pixel upgrade project

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CMS Flat Barrel outer tracker for HL-LHC

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CMS Phase 1 FPIX: Lessons Learned

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CO₂ superheating and boiling onset measurements in the ATLAS IBL CO₂ cooling system

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Characterization of materials for HL tracker upgrades

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Design and prototyping of the Endcaps for the CMS Tracker Upgrade

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Diamond-like Heat Spreaders in the Form of Cheap Synthetic Graphite Tape for Cooling of Instrumentation in Radiation Intense Environments

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Fiber optic-based sensors for relative humidity monitoring in the experiments running at CERN

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Mechanical concept, design and prototyping of the Silicon Tracking System for the CBM Experiment at FAIR

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Micro-channel cooling INSIDE silicon sensors

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Radiation length imaging with high resolution telescopes

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Reduced temperature cooling and heat transfer measurements in C₂F₆/C₃F₈ zeotropic blends, and custom ultrasonic instrumenta-

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Thermal QC of ATLAS upgrade forward pixel rings

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