

The 2nd workshop on Material Development for the Homogeneous Hadronic Calorimeter Detector Concept

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Book of Abstracts

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Search for Scintillation in Doped Lead Fluoride Crystals for the HHCAL Detector Concept

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Search for scintillating glasses and crystals for hadron calorimetry

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Summary:

Large numbers of scintillating glass samples will be fabricated and tested at Berkeley Lab

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Scintillating Materials for Homogenous Hadron Calorimetry

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Study of dense scintillating glass samples

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A CERN contribution to the dual readout calorimeter concept

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Crystal development for HHCAL: physical and technological limits

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Development of Halide Scintillation Crystals for the HHCAL Detector Concept

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Status of Scintillating Ceramics and Glasses at SIC and their potential applications for the HHCAL Detector Concept

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Summary:

Research development of potential scintillation materials of Ce doped YAG and LYAG scintillation ceramics and bithmuth silicated based scintillation glasses in SIC will be introduced and discussed in the concept of HHCAL detector.

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R&D on Scintillation Crystals and Special Glasses at BGRI

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BSO Crystals Development with the Modified Multi-crucible Bridgman Method for the HHCAL Detector Concept

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Fermilab' s History in the Development of Crystals, Glasses and Si Detector Readout for Calorimetry

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Discussions

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Some thoughts about homogeneous dual-readout calorimeters

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