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Photon-hadron discrimination with CNNs

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In this contribution we study the performance of convolutional neural networks discrimination of photon induced events from the hadronic background. We use simulated showers for the SD-1500 detector. We also investigate the influence of different input information and try to understand of which information the network is making use of.

Primary author: ELLWANGER, Fiona (Karlsruhe Institute of Technology - Institut für Astroteilchenphysik)

Co-authors: Dr VEBERIC, Darko (Karlsruhe Institute of Technology - Institut für Astroteilchenphysik); Dr SCHMIDT, David (Karlsruhe Institute of Technology - Institut für Astroteilchenphysik); Dr ROTH, Markus (Karlsruhe Institute of Technology - Institut für Astroteilchenphysik); Prof. ENGEL, Ralph (Karlsruhe Institute of Technology - Institut für Astroteilchenphysik)

Presenter: ELLWANGER, Fiona (Karlsruhe Institute of Technology - Institut für Astroteilchenphysik)

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