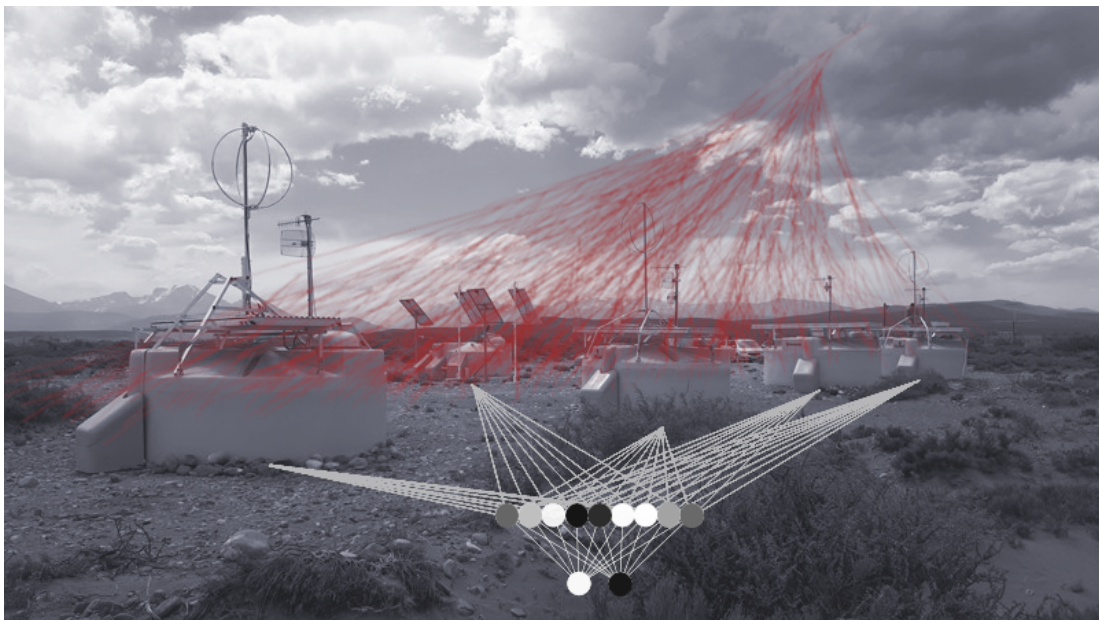


Neural network triggers at the Pierre Auger Observatory: A plausibility study



Master's thesis by

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Review and Declaration

This thesis has been accepted by the first reviewer of the master thesis.

Karlsruhe, TBD

Prof. Dr. Ralph Engel

I declare that the work in this thesis was carried out in accordance with the requirements of the university's regulations and that it has not been submitted for any other academic award. Except where indicated by specific reference in the text, the work is the candidate's own work. Work done in collaboration with, or with the assistance of, others is indicated as such.

Karlsruhe, TBD

Paul Filip

Contents

1	Introduction	1
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1 Introduction