

Status of the Si-Rad experiment on board the International Space Station

M. Casolino, on behalf of the Si-Rad collaboration

INFN Roma Tor Vergata, University of Roma Tor Vergata, Rome [casolino@roma2.infn.it]

The Si-Rad detector is an advanced silicon telescope constituted by 32 wafers, each $8 \times 8 \times 0.38$ cm and divided in 32 strips. It aims to perform precise measurement of the cosmic ray and radiation component on the outside of the ISS in order to complement the existing Sileye-3/Alteino and the Altea facility. In this work we will describe the instrument and its observational capabilities, reporting on the status of completion and its future perspectives.