SAMM SOLAR ACTIVITY MOF MONITOR

A robotic observatory for a worldwide surveillance network

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Two channel spectropolarimeter based on Magneto Optical filters for the simultaneously production of magnetograms and doppelgrams at high cadence and high space resolution.

Prototype of netork point for Space Weather providing of dedicated services.

Scientific collaboration between INAF and Avalon Instruments

R&D activity entirely financed by Avalon
Four Channel Project
SAMM situation

Fully engineered product ready to be replicated in a network ...
First data

Magnetograms on dopplergramms on small active regions

SAMM KI

HMI/SDO Fe I

Oct 10th 2019
First data

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Jan 27th 2020