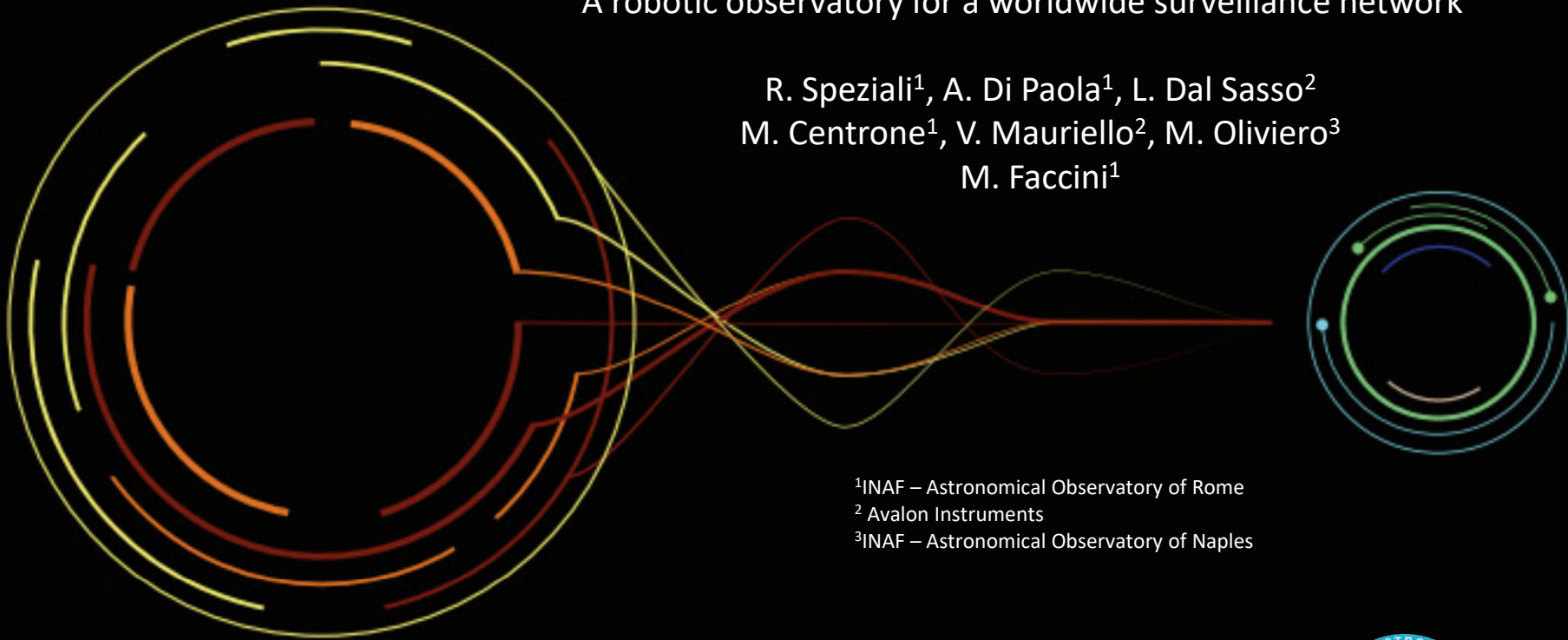


SAMM

SOLAR ACTIVITY MOF MONITOR

A robotic observatory for a worldwide surveillance network

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² Avalon Instruments
³INAF – Astronomical Observatory of Naples

AVALON
INSTRUMENTS



SAMM



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

Prototype of network 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



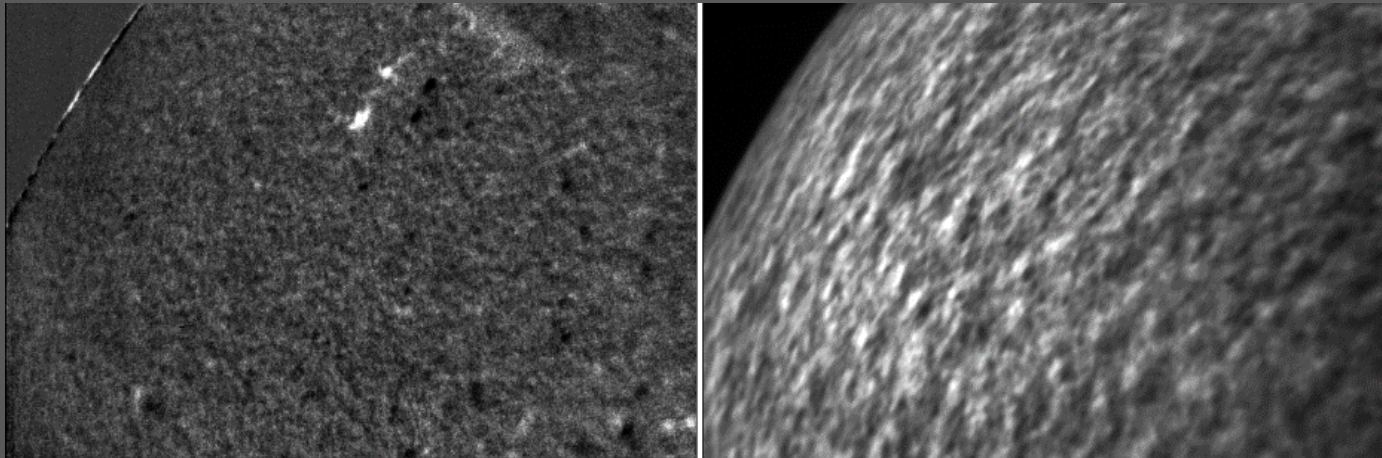
SAMM situation

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



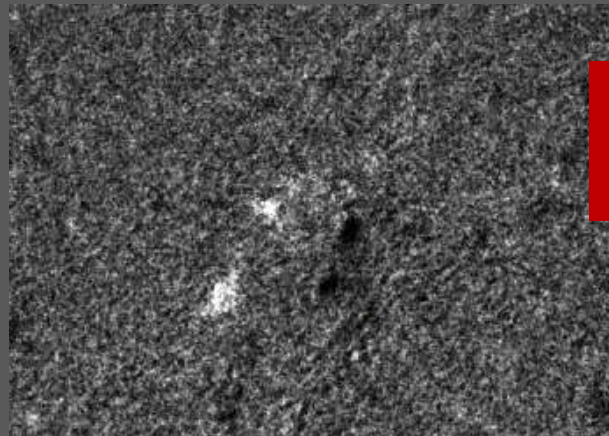
First data

Magnetograms on dopplergramms on small active regions

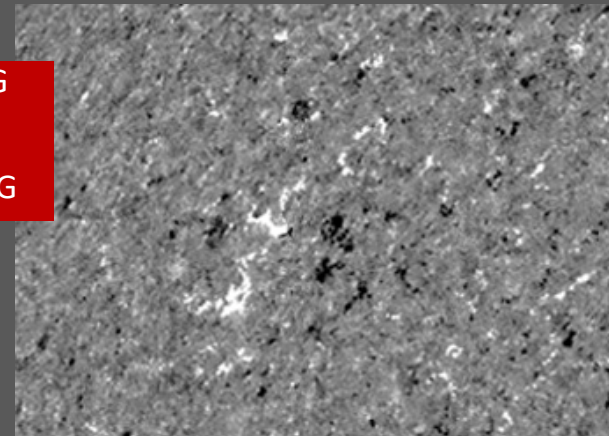


Oct 10th
2019

SAMM
KI



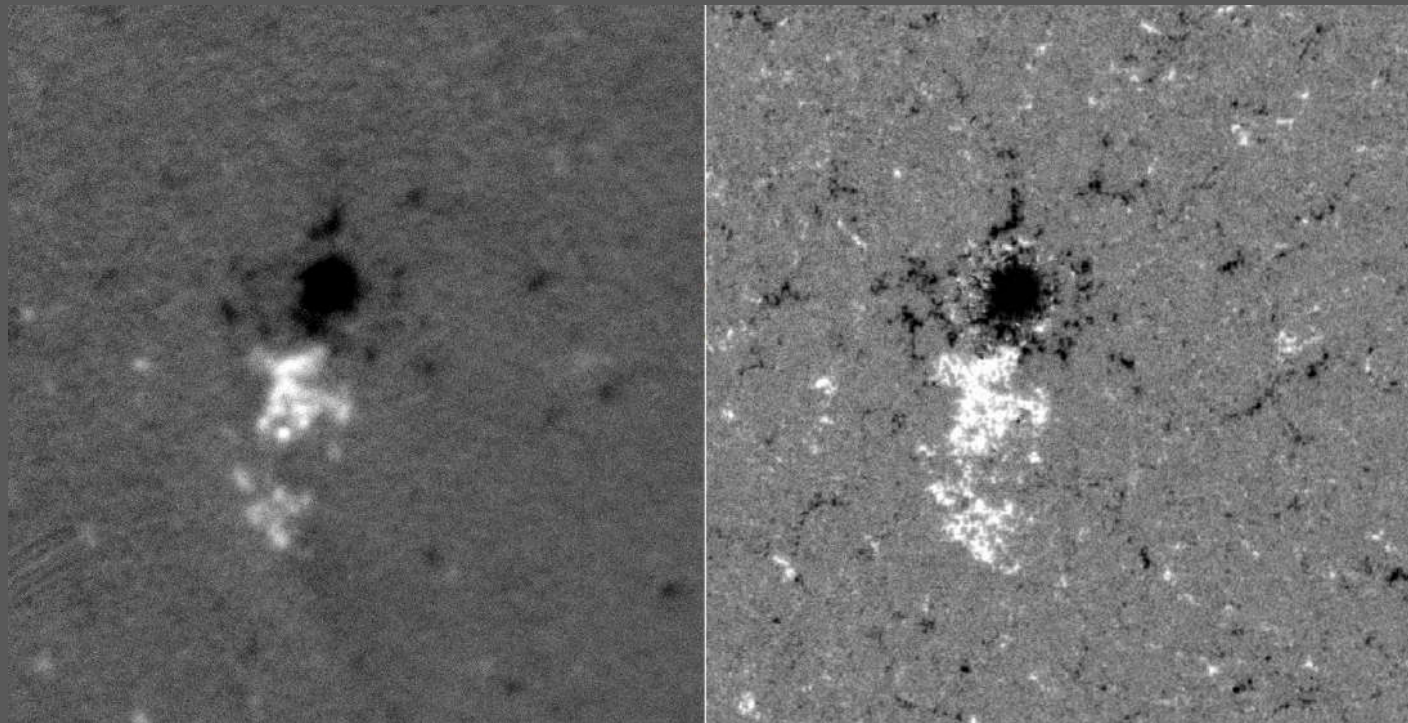
30G
÷
500G



HMI/SDO
Fe I

First data

Magnetograms on dopplergramms on small active regions



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Jan 27th
2020

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