

THEMIS solar telescope: a new era begins

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THEMIS, the French 1-m class solar telescope, has benefited from profound renovations and modification of its light path over the last 10 years. Thanks to a state-of-the-art solar adaptive optics, THEMIS observations can now reach the diffraction limit at 0.15", enabling to resolve details on the scale of 100 km on the Sun. In the last two years, THEMIS spectro-polarimetric mode has also been renewed and is now being tested. Unprecedented observations are thus now being obtained by THEMIS. The new capabilities of THEMIS will be presented, as well as some recent observations. Upcoming evolutions of THEMIS, such as space-weather-oriented observations, as well as the reception and commissioning of a new synergic instrument, the new Italian "Interferometric Bldimensional Spectrometer (IBIS)" will also be discussed.

