

# First follow-up of transient events with the CTA Large Size Telescope prototype

**Authors:** Alessandro Carosi (speaker - University of Geneva)

Halim Ashkar  
Alessio Berti  
Pol Bordas  
Mathieu de Bony Lavergne  
Alice Donini  
Mykhailo Dalchenko  
Armand Fiasson  
Luca Foffano  
Satoshi Fukami  
Yukiho Kobayshi  
Francesco Longo  
Koji Noda  
David Sanchez  
Monica Seglar-Arroyo  
Fabian Schussler  
Thomas Vuillaume

on behalf of the CTA LST Project

- In this contribution, we will report about the observational program and first transients follow-up observations performed by the LST-1 telescope currently in its commissioning phase on La Palma, Canary Islands, the CTA northern hemisphere site.
- These observations, although preliminary and performed during the commissioning phase, represent the first follow-up executed by the first 23-m class diameter telescope foreseen for CTA.
- Although no detection has been achieved so far, the statistic of the observed events is rather limited but initial science observations start to be possible providing an important test-bench for the fully configured CTA Northern array.