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RS Ophiuchi nova outburst detection by the LST-1

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In August 2021, the recurrent symbiotic nova RS Ophiuchi experienced an outburst detected in the optical and high-energy gamma rays. This detection triggered follow-up observations of the source at very-high-energy (VHE) gamma rays with the Large-Sized Telescope prototype (LST-1) of the upcoming Cherenkov Telescope Array (CTA) Observatory. RS Ophiuchi was observed for several nights after the outburst and it was detected by the LST-1. In this contribution, we report the results of this observation campaign on the first nova ever detected at VHEs and discuss the obtained results in a multiwavelength context.

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