Detection of new Extreme BL Lac objects with H.E.S.S. and *Swift* XRT

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- We report the discovery at TeV energies of two new extreme high-synchrotron-peaked blazar candidates (EHBL), MRC 0910-208 and 1RXS J195815.6-301119.
- EHBLs are among the most powerful cosmic particle accelerators found in nature, making them good candidates for understanding the radiation mechanism in such high-energy ranges, and can be used to understand any hadron-initiated emissions in multi-TeV energies.
- We observed and detected MRC 0910-208 and 1RXS J195815.6-301119 using the H.E.S.S.-telescopes, and analysed data from Fermi-LAT and the XRT instrument onboard Neil Gehrels Swift observatory, and performed a simple SSC modelling. We also evaluated the synchrotron peak energy for both sources.
- **Results:** We detected TeV-emissions from MRC 0910-208 and 1RXS J195815.6-301119, confirm their nature as EHBL, and measured their intrinsic spectra to be hard ($\Gamma \sim 2$) and well fitted by simple SSC models.