

## **VHE gamma-ray spectral hint of two-zone emitting regions in Mrk 501**

Josefa Becerra González, David Paneque, Christoph Wendel, Koji Noda, Fabrizio Tavecchio, Kazuma Ishio, Karl Mannheim and Andrea Tramacere on behalf of the MAGIC and Fermi-LAT Collaborations

In this contribution we present the first evidence at  $\sim 4$  sigma confidence level of a narrow spectral feature centered around 3 TeV in the VHE spectrum from Mrk 501. The observations were performed with the MAGIC telescopes during an historically high flux state in X-rays as observed with Swift-XRT in July 2014. Three different scenarios that could produce such an effect are discussed: (a) a pileup in the electron energy distribution; (b) a two-zone Synchrotron Self-Compton (SSC) emission model; and (c) a pair cascade model.