

TEV GAMMA RAY ASTRONOMY: FROM H.E.S.S. TO CTA

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A successful 10 years operation of the H.E.S.S. observatory resulted in several discoveries and measurements in the fields of TeV gamma ray astronomy, cosmic ray physics, cosmology and even fundamental physics. I will present a few selected results of the observatory, illustrating the above applications of its measurements. First new results obtained with the currently installed large H.E.S.S. II telescope will be also presented. A short description of the large international effort intended to build CTA, a next generation global TeV gamma ray observatory, will complete the talk.