

## **Selected applications of 'Statistics 101' in HE/VHE gamma-ray astronomy**

*Tuesday, 27 September 2022 15:55 (35 minutes)*

Error propagation, combination of stat+syst errors, profile likelihood, inter-experiment combination of likelihoods, trial factors, binned likelihood and applications in gamma-ray astronomy (Poisson Maximum Likelihood Estimation, On-Off Likelihood statistics)

**Presenter:** SCHWANKE, Ullrich

**Session Classification:** Pre-School on Statistical methods