



ID de Contribution: 1

Type: **Pitch**

gLike: likelihood maximization and profiling for astrophysical (and beyond) applications

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Based on ROOT, gLike is a framework for the numerical maximization of likelihood functions. The likelihood has one free parameter (named g) and as many nuisance parameters as wanted, which will be profiled in the maximization process. Multi-instrument likelihood can be created and jointly profiled by compounding together several likelihood terms. gLike has been and is being used for Dark Matter searches in gamma-ray astronomy and will ultimately enter the ESCAPE software collection.

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Classification de Session: Software Pitches