

# Statistics Tools Projects

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DESY  
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## Tools Presented in November 2008

- **RooStatsCms** - a combination and limit tool  
(D. Piparo, G. Schott, G. Quast).
- **BAT** - a **B**ayesian **A**nalysis **T**oolkit  
(A. Caldwell, D. Kollar, K. Kroeninger)
- **Fittino** - a tool for measuring MSSM parameters using  
collider and low-energy observables  
(P. Bechtle et al.)
- **Gfitter** - a generic fitting package for HEP model testing  
(M. Goebel, J. Haller et al.)
- **lvmini, Millepede II**: next slide
- **TUnfold** - Unfolding package  
(S. Schmitt)

## Tools from V. Blobel

- **Millepede II** - linear least square fits with a large number of “global” and “local” parameters (being updated)
- **lvmini** - a fitting tool for large-scale optimization (stable)
- **Linear least square fit with constraints** (in development)