

# The Rules

1. Don't define your algorithm in advance
  - *Test all steps for utility and applicability*
  - *Let the physics guide you*
2. No black boxes
  - *You must have and understand all source code, and be able to modify it as necessary*
  - *You must test all assumptions*
3. Fitters must go to bedrock: (Occam's taser): If you didn't do it yourself, it isn't done (and you have to do it down to bedrock and also understand and publish all the reasons why you did it that way)
4. Reference data *as used* must be peer-reviewed, published, and publicly-available (***P<sup>3</sup>***)
  - *no unexplained shifts in cross sections, for example*
5. A description of the analysis *as performed* must be publicly available.