

# SasView 4.0

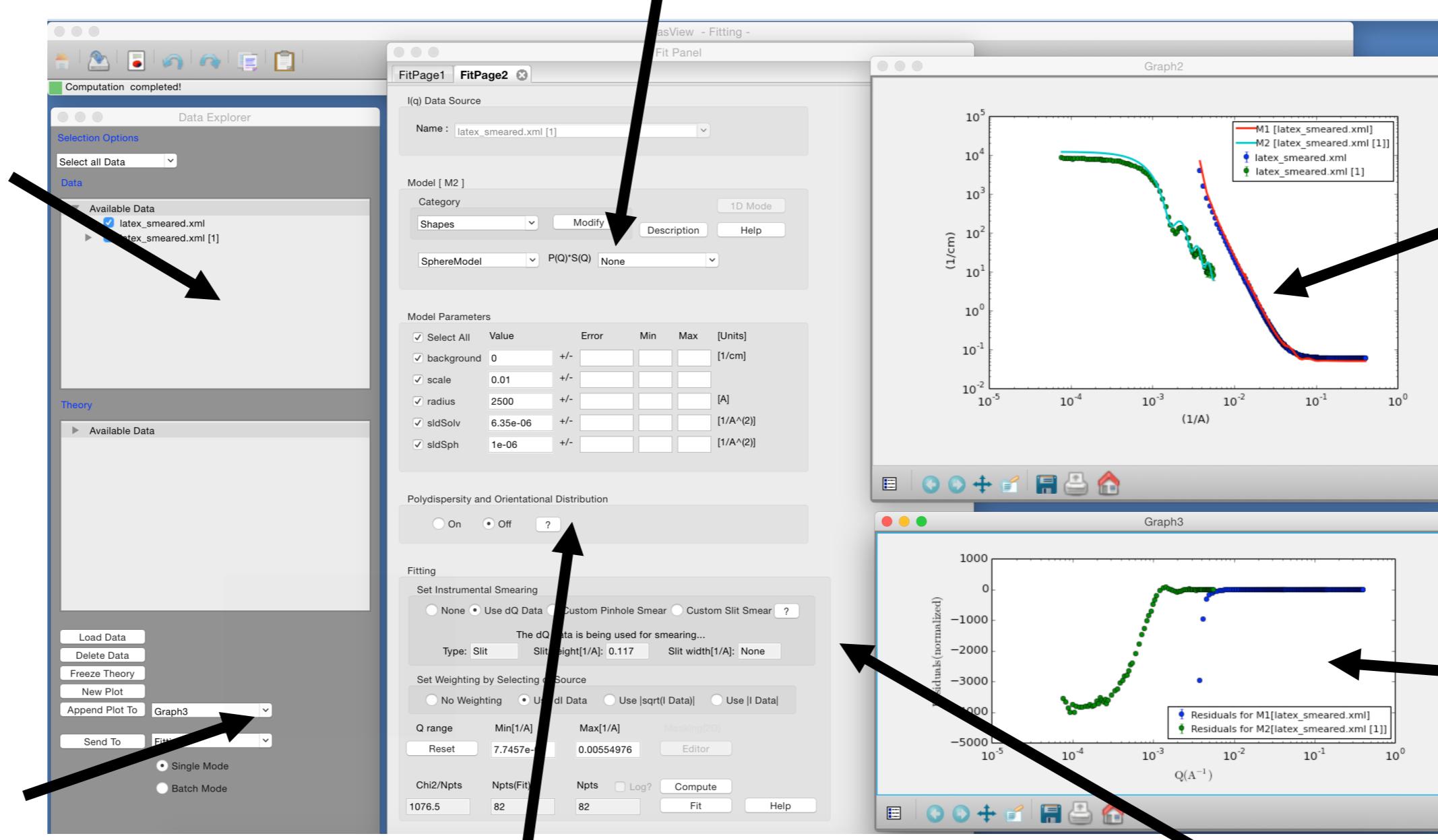
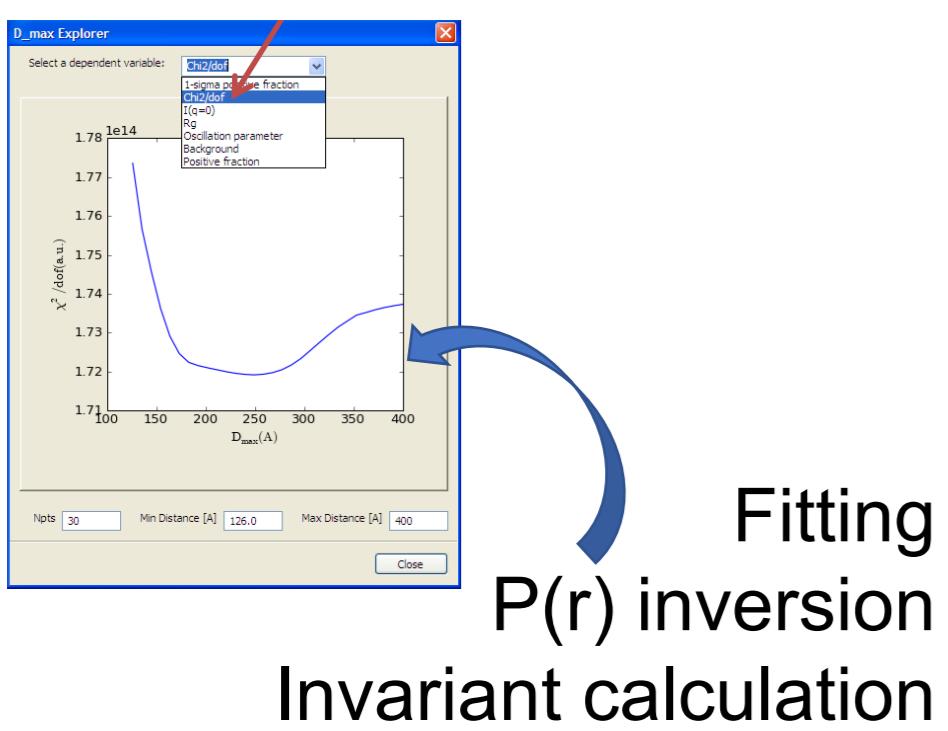
## Data Analysis for Small Angle Scattering

[www.sasview.org](http://www.sasview.org)

Wide choice of built-in models (> 70)

Now in v4.0 - Easy to add your own using only python!

Data management  
Common data formats supported, including NXCansas & cansas1D



Generic parameter polydispersity  
Choice of distribution and distribution parameters

Resolution smearing (pinhole and slit)  
Automatically from data or provide parameters

### New in SasView 4.0



**Models**  
New models  
New model package (sasmmodels)  
*Separation of models from GUI*  
Simpler addition of models by users  
Speed! GPU and parallel processing

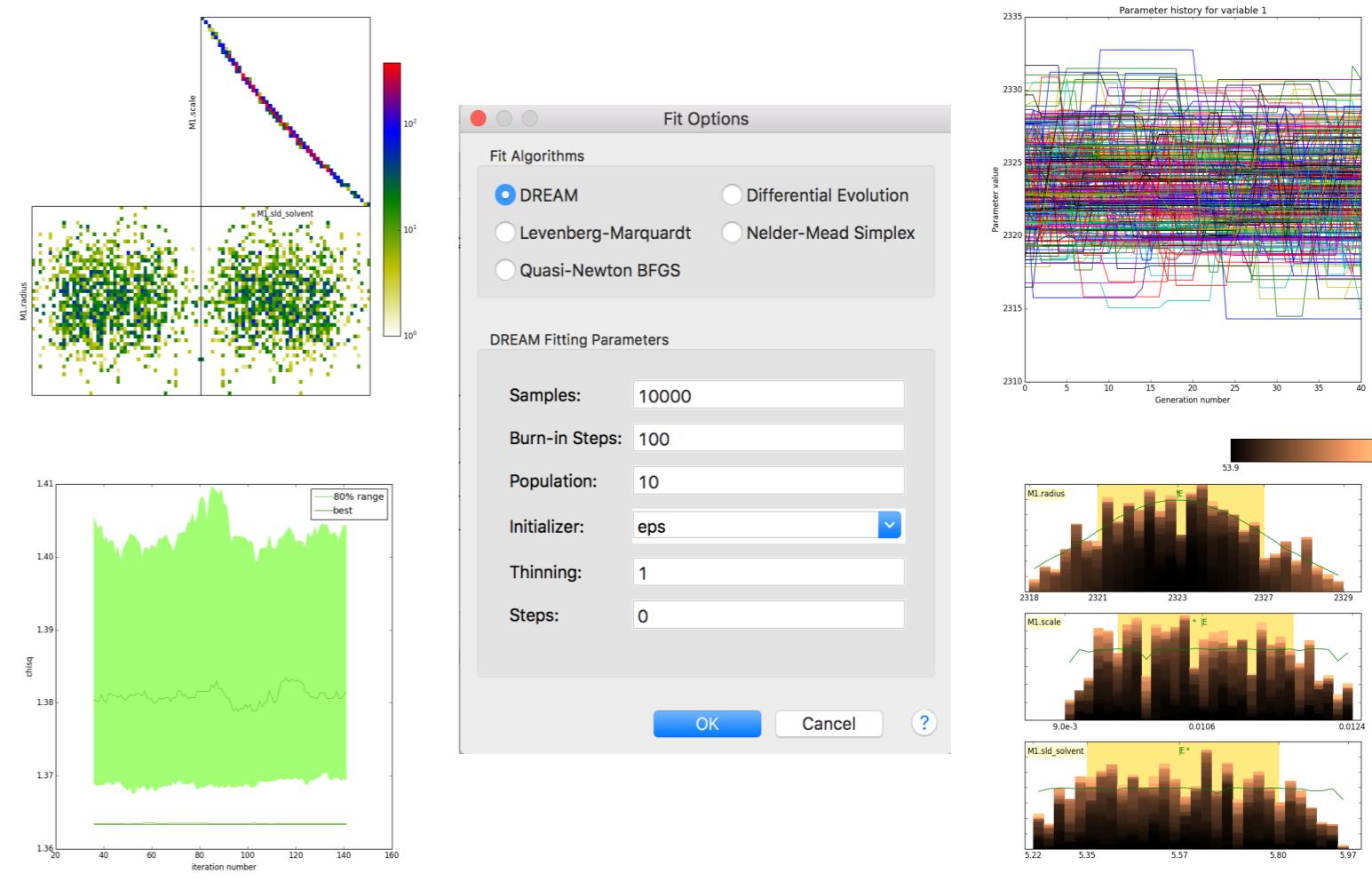
### SESANS in sasmmodels

Automatic transform of SANS model to P(z)  
Example scripts for fitting SESANS data  
Simultaneous fitting of SANS & SESANS

### Documentation

Enhanced, updated documentation for models

### Advanced Optimizer



## Open, Collaborative, Community Development

Code is open source and publicly hosted at Github  
Bug and Enhancement Ticket System - Trac

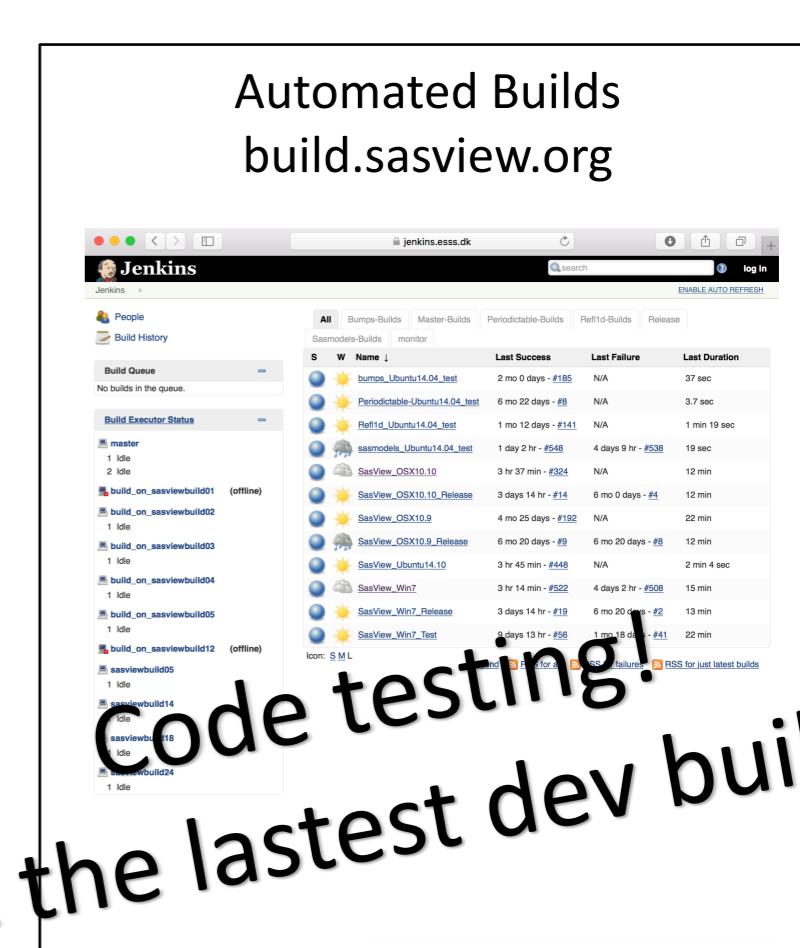
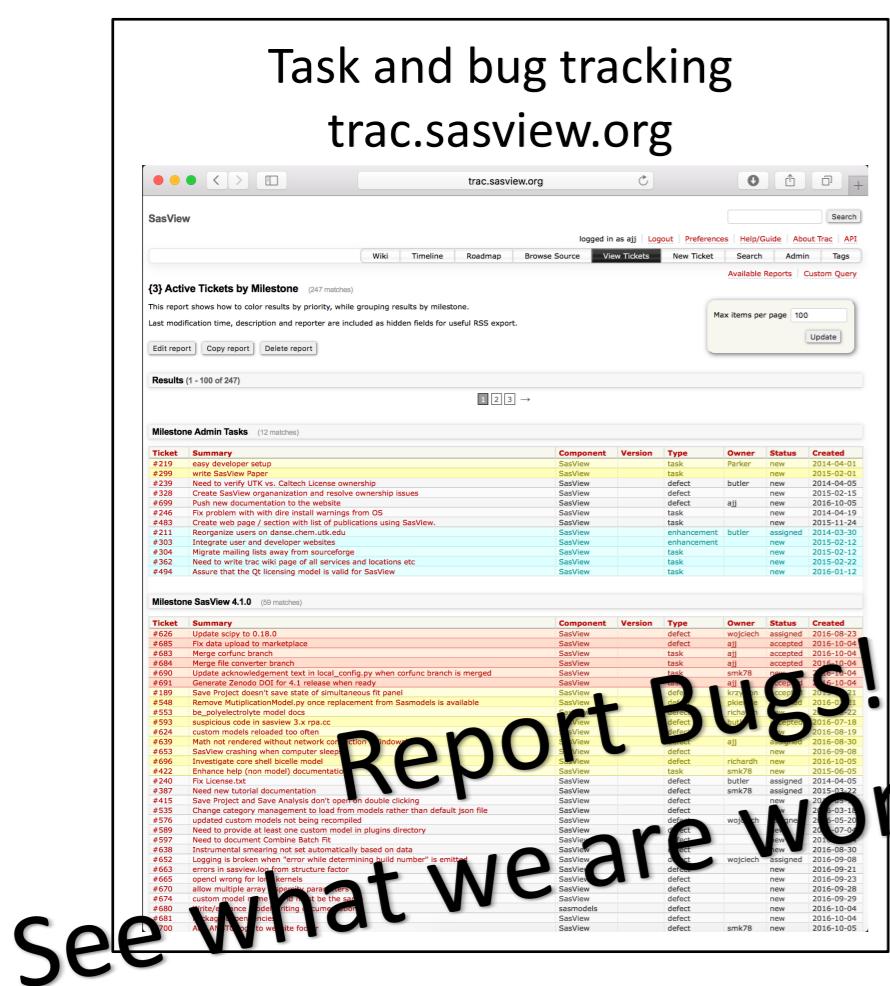
Bi-weekly developer calls

Regular Code Camps – next at ILL April 2017

5 Year Roadmap

Mailing lists – see [www.sasview.org](http://www.sasview.org)

Need Help? Email [help@sasview.org](mailto:help@sasview.org)



EUROPEAN  
SPALLATION  
SOURCE

NIST

National Institute of Standards and Technology  
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