

# Evaluation needs for the Resonance Region

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# SAMMY-ML

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## New Development

1. We are developing a machine-learning-based wrapper for SAMMY resonance evaluation
2. Goal: given experimental input data, automatic production of final resonance parameters and covariance
3. Reliable & Reproducible  
Well aligned with SG49

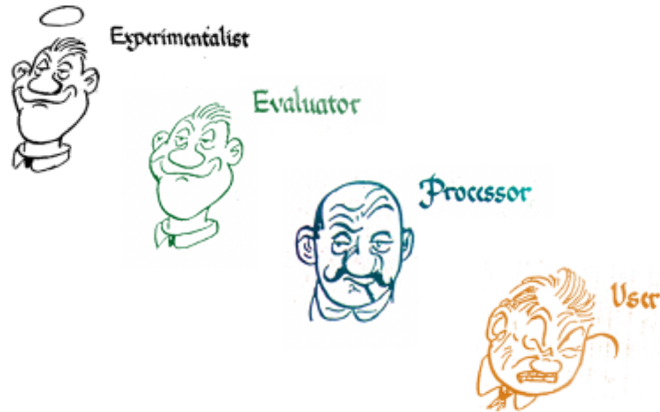
## Early Requests

New things in the ML-based approach:  
(beyond “full” SAMMY input deck)

1. Uncertainty models (distributions)
2. Methods benchmarking: which data were used in the new / existing evaluation with which correction?

# General Thoughts for SG50

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1. A concrete example to receive feedback on the development?
2. Which quantities matter most to address first?
3. Collaboration between subgroups?  
SG-48, SG-49