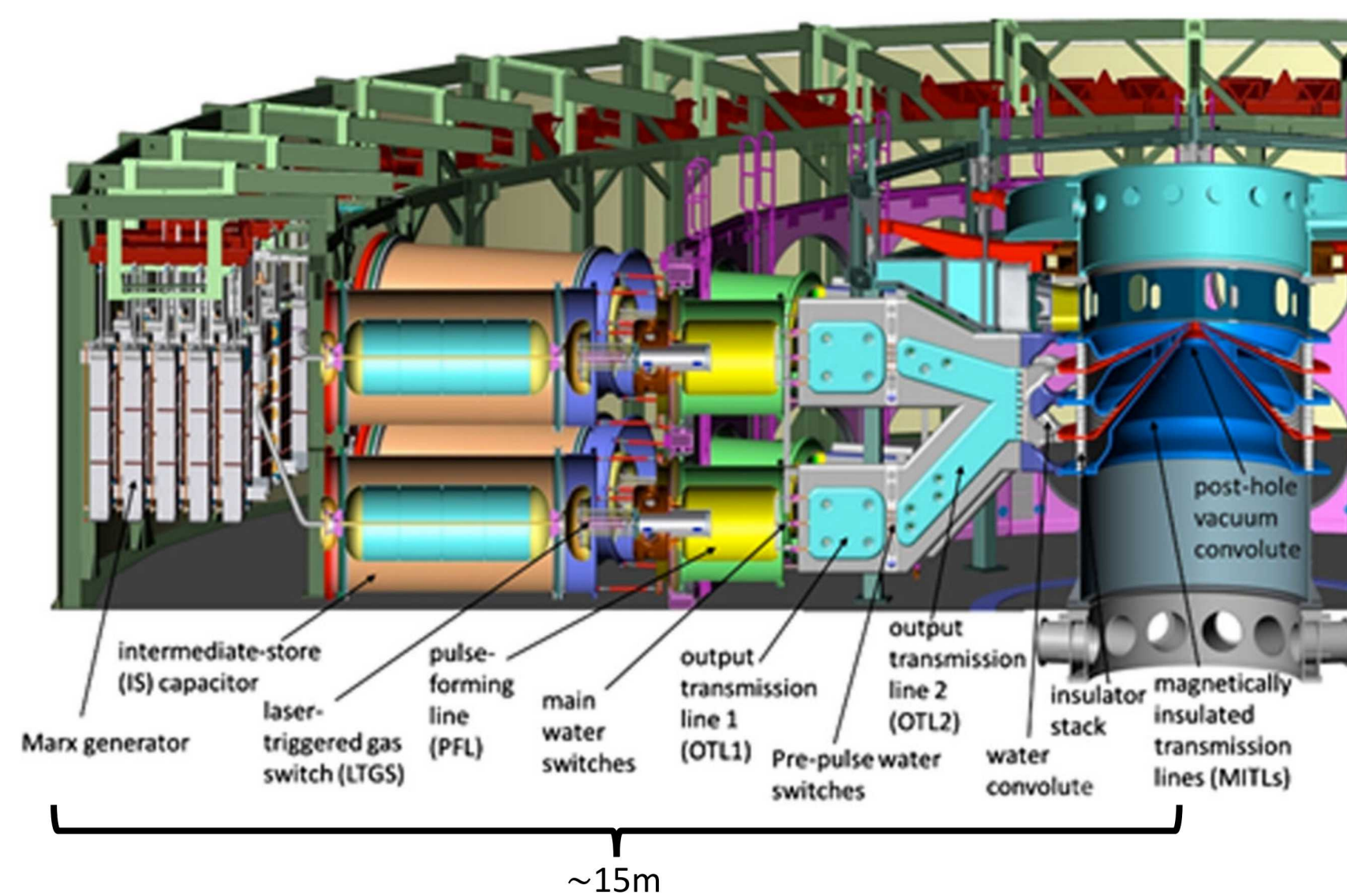


Towards Learning MagLIF Performance from Stagnation Morphology*

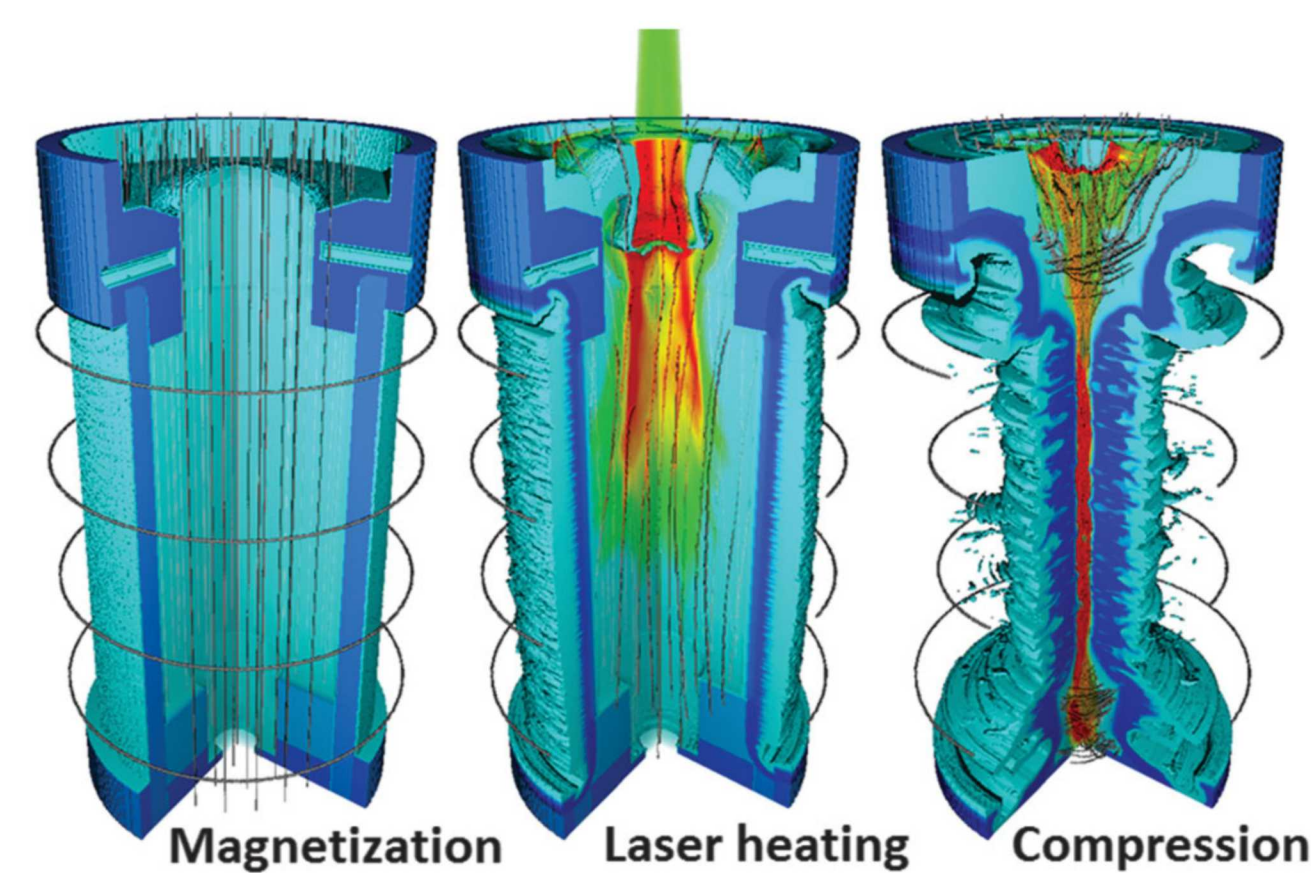
William E. Lewis, Thomas W. Moore, Michael E. Glinsky, Matthew R. Weis, Christopher A. Jennings, David J. Ampleford, Eric C. Harding, Patrick F. Knapp, Matthew R. Gomez, and Jeffrey R. Fein

MagLIF and Stagnation Primer: ^{[1],[2]}

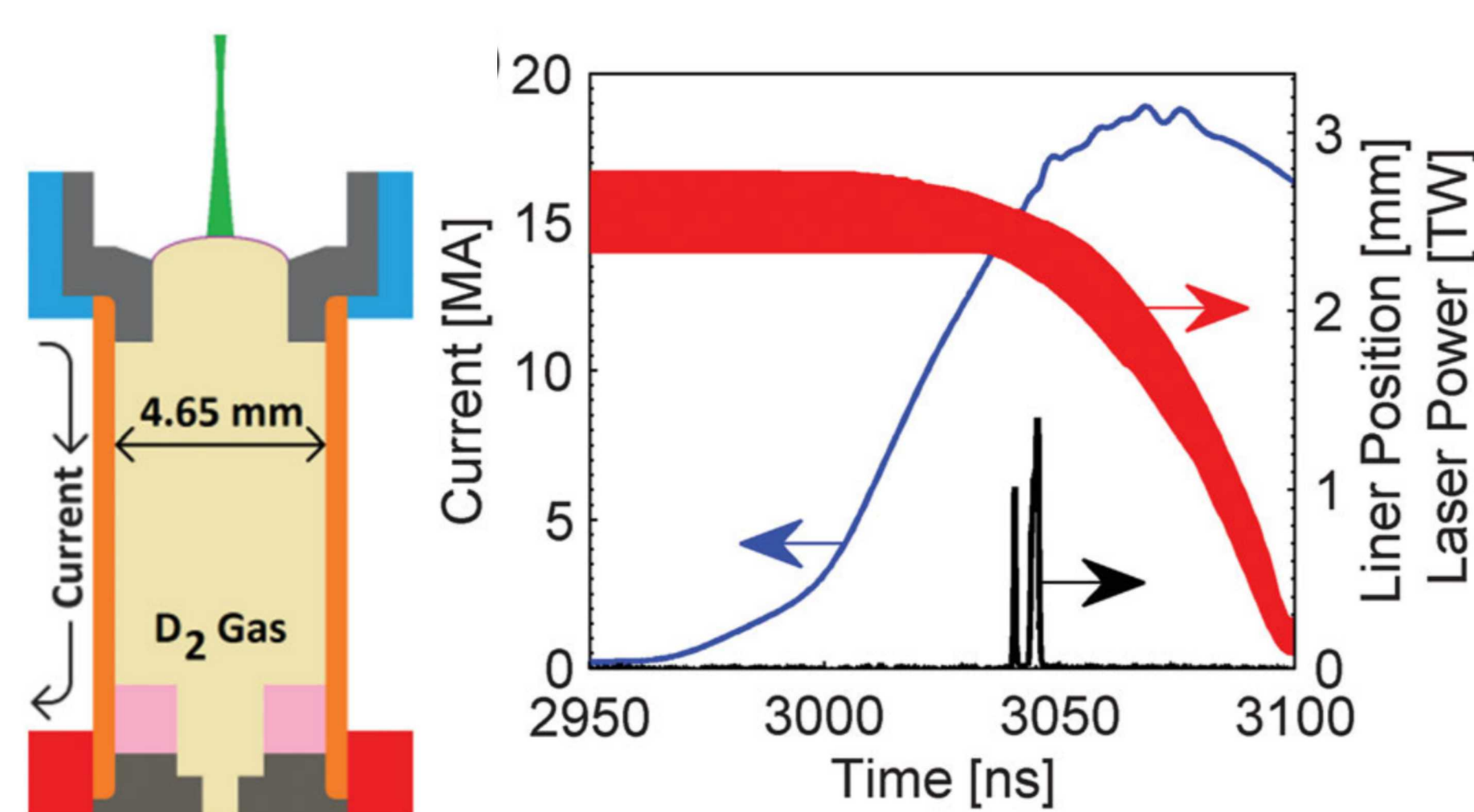
Z Machine



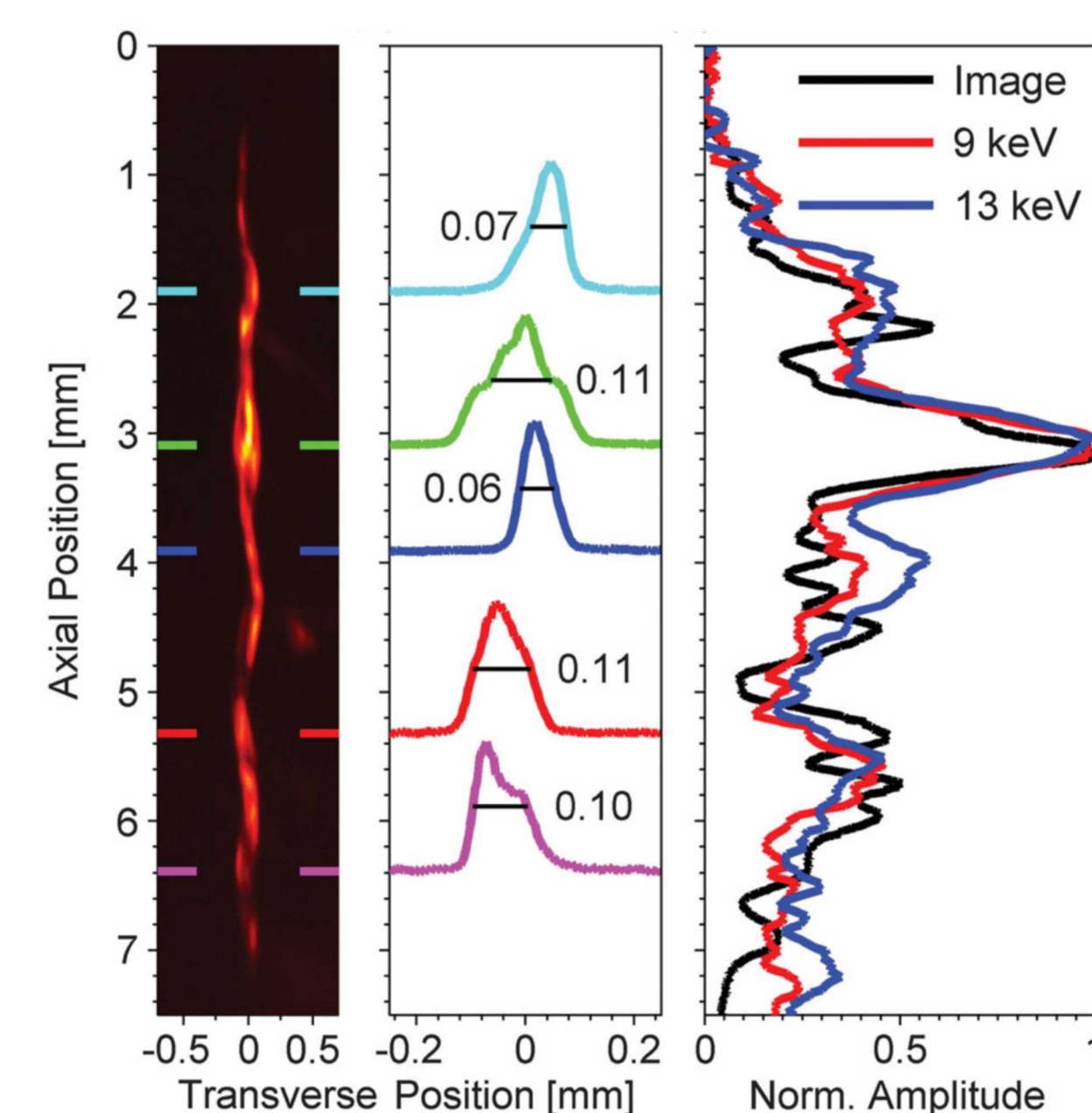
MagLIF Steps



MagLIF Scales

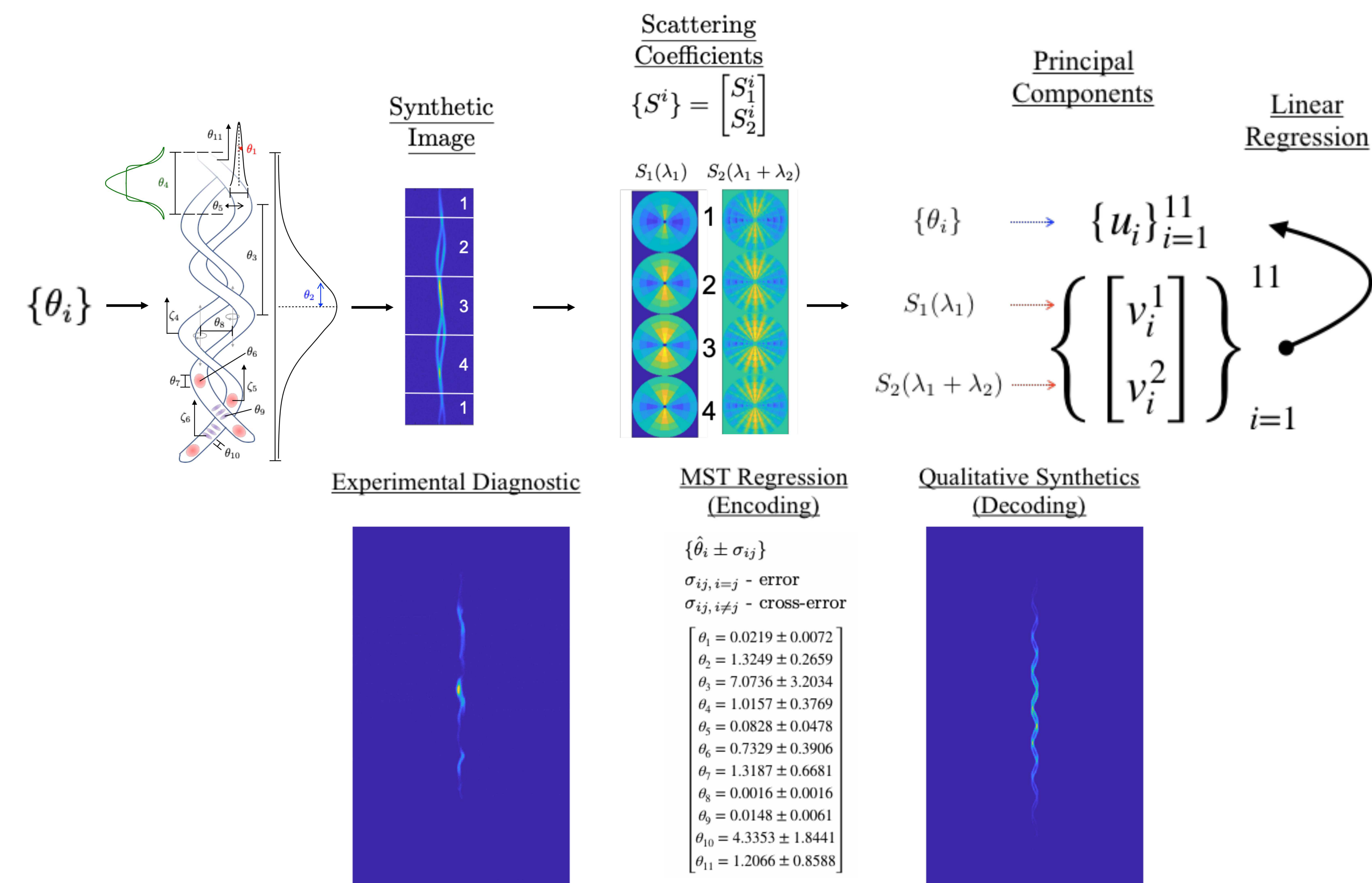


Self-Emission Stagnation Image

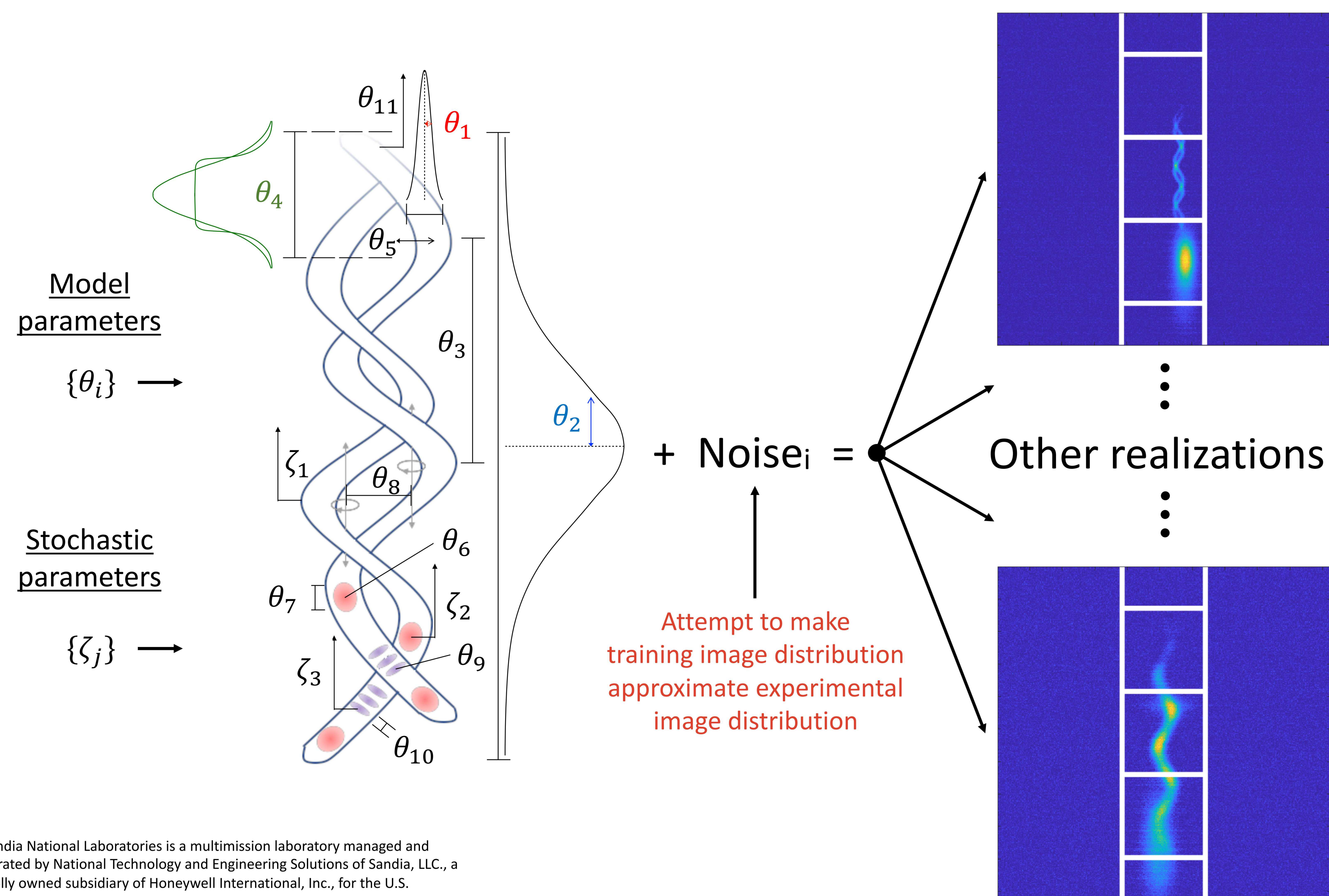


[1] B. T. Hutsel et al., Phys. Rev. AccelBeams. **21**, 03401 (2018).
[2] M. R. Gomez et al., Phys. Rev. Lett. **113**, 155003 (2014).

Mallat Scattering Transform and Morphology Regression:



Noisy Double Helix Model for Synthetic Data:



Experiment Morphology, Target Design, and Yield:

