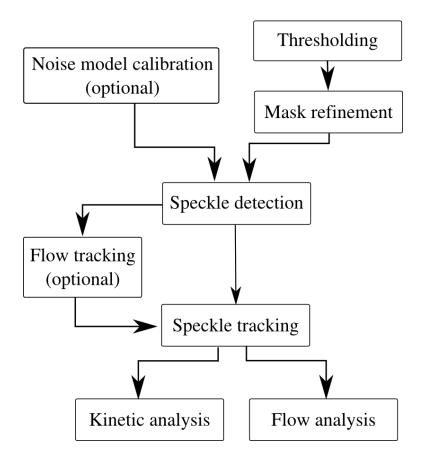
## **Package Description:**

This package is for processing fluorescent speckle microscopy movies. Outputs of the processing include various time-resolved representations of speckle flows (trajectories, interpolated flows, speed, etc.), as well as analyses of the kinetics of turnover of macro-molecular assemblies. Below is a chart of the basic workflow.



## References

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- Ponti, A., P. Vallotton, et al. (2003). "Computational analysis of F-actin turnover in cortical actin meshworks using fluorescent speckle microscopy." <u>Biophys J</u> 84(5): 3336-3352.
- Ponti, A., A. Matov, et al. (2005). "Periodic patterns of actin turnover in lamellipodia and lamellae of migrating epithelial cells analyzed by quantitative Fluorescent Speckle Microscopy." <u>Biophys J</u> 89(5): 3456-3469.
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