



# Transients in Biological Systems

29-31 May 2019 | Knoxville

## A NIMBioS Investigative Workshop

*Transients, or non-asymptotic dynamics, cover a wide range of possibilities, from biology to ecology and beyond. A full understanding of transients and their implications for biology requires mathematical and statistical developments and attention to biological detail. Transient dynamics have also played a central role in both empirical observations and in models in neuroscience. This work aims to spur further research into transients, both from a mathematical standpoint and as a way to understand and analyze biological systems; to develop appropriate statistical questions related to the analysis of biological systems using ideas from transient dynamics; and to prepare one or more synthetic documents on the role of transients across biological systems*

*Participation in the workshop is by application only. Individuals with a strong interest in the topic are encouraged to apply, and successful applicants will be notified within two weeks of the application deadline. If needed, financial support for travel, meals, and lodging is available for workshop attendees.*

**Application Deadline: January 30, 2019.**

***For more information and the link to register, visit [http://www.nimbios.org/workshops/WS\\_transients](http://www.nimbios.org/workshops/WS_transients)***