SIAM DSWeb 2019 Contest:
Tutorials on Dynamical Systems Software

Deadline for submissions March 1, 2019

The goal of the contest is to promote the adoption of novel and creative software-based methods to analyze dynamical systems by providing *tutorials* explaining their use. Existing software in our large collection currently includes algorithms to examine ordinary differential equations, partial differential equations, bifurcation behavior, maps, time series, ...

Winners will be selected in three categories:
(1) undergraduate and graduate students,
(2) postdocs and junior faculty or researchers,
(3) senior faculty or researchers.

Winning entries will be selected based on factors including clarity and accuracy of information, ease of use, creativity, thoroughness of explanations, quality of pedagogical examples, and appropriateness of language and examples for the intended audience.

The selection committee includes: Dwight Barkley (U. of Warwick, UK), David Barton (Bristol U., UK), Björn Sandstede (Brown U., USA), Sarah Hallerberg (Hamburg U. of Applied Sciences, DE), Harry Dankowicz (U. of Illinois at Urbana-Champaign, USA), Tim Sauer (George Mason U., USA)

Winners will be announced at the SIAM Conference on Applications of Dynamical Systems in Snowbird, May 2019, and in the DSWeb Magazine. Prize money totaling $1500 will be awarded and shared among the winners. All appropriate submissions will be published on DSWeb.

For questions contact DSWeb Software Chief Section Editor
Erik A. Martens (DSWeb-Software@siam.org)

Submission instructions and existing software on dynamical systems:
https://dsweb.siam.org/The-Magazine/Article/dsweb-2019-contest-tutorials-on-dynamical-systems-software