

MATHEMATICAL DEVELOPMENTS ARISING FROM BIOLOGY

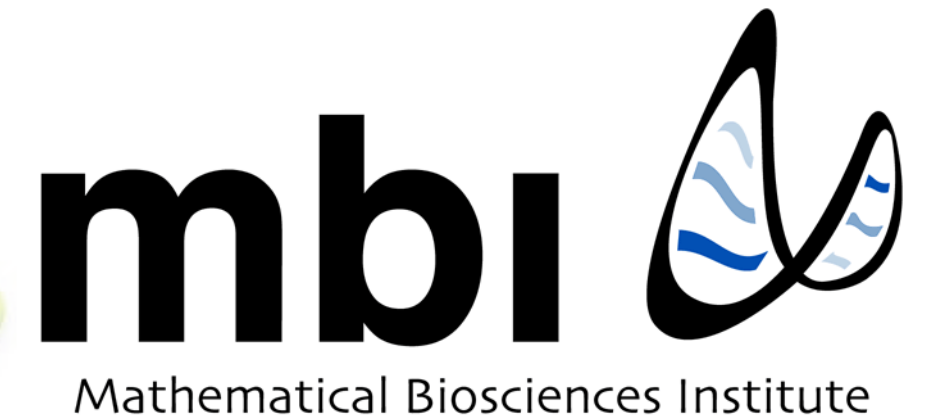
NOVEMBER 8-10, 2009

ORGANIZERS: JOHN GUCKENHEIMER, REINHARD LAUBENBACHER, AND BERND STURMFELS

The mathematical sciences play an important role in resolving fundamental problems in the biological and biomedical sciences. However, biology also enriches fundamental research in the mathematical sciences. This workshop will feature theorems, theories, and algorithms that have been inspired by biology. The workshop goals are to bring new, deep, and interesting mathematical questions to the attention of the mathematical sciences community and to attract mathematical scientists who have had little previous contact with the biosciences.

Space is limited. Register or apply for partial travel support at http://www.mbi.osu.edu/forms/applyctw_nov.html

Applications for travel funds received by September 8, 2009 will receive full consideration.



SPEAKERS

- Elizabeth Allman (Mathematics and Statistics, Alaska-Fairbanks)
- Gunnar Carlsson (Mathematics, Stanford)
- Gheorghe Craciun (Mathematics and Biomolecular Chemistry, Wisconsin)
- Carina Curto (Mathematics, NYU)
- Charles Epstein (Applied Math and Computational Science, U Pennsylvania)
- Alain Goriely (Mathematics, Arizona)
- Christine Heitsch (Mathematics, Georgia Tech)
- Natalia Komarova (Mathematics, UC Irvine)
- Doron Levy (Mathematics, Maryland)
- Jonathan Mattingly (Mathematics, Duke)
- Konstantin Mischaikow (Mathematics, Rutgers)
- Lior Pachter (Mathematics and Molecular and Cell Biology, UC Berkeley)
- Mike Reed (Mathematics, Duke)
- Mike Shelley (Courant Institute, NYU)
- Christophe Soule (IHES)
- Glenn Tesler (Mathematics, UC San Diego)



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