



Angela Stevens

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“Mathematical modeling of regeneration phenomena in biology”

Some organisms can regenerate from nearly any kind of severe injury. Regeneration does not function this way in humans. Understanding the underlying mechanisms in model organisms like flatworms is therefore of strong interest. In our mathematical model differences between bulk and tissue surface dynamics play an important role and will be discussed in detail.

Joint work with Arnd Scheel.

The Seminar will take place online via Zoom as part of the Oberseminar “Nonlinear Dynamics” organized by Bernold Fiedler (FU Berlin), Isabelle Schneider (FU Berlin), Eckehard Schöll (TU Berlin) and Matthias Wolfrum (WIAS).

For information on how to access the event, please contact any of the above or: henning.reinken@itp.tu-berlin.de

Tuesday, 17.11.20 · 3:15 p.m.