

Minisymposium “Mathematical Multiscale Modeling of Cancer Cell Migration”

organized by Christian Stinner and Christina Surulescu

Monday, June 16, 16:00 - 19:00

- 16:00-16:35** Svetlana Bunimovich (Ariel University)
Modeling and simulation of low grade urinary bladder carcinoma
- 16:35-17:10** Niklas Kolbe (University of Mainz)
Numerical treatment of chemotaxis related heterogeneous dynamics arising in cancer invasion simulations
- 17:10-17:25** Break
- 17:25-18:00** Cristian Morales Rodrigo (University of Sevilla)
Mathematical models of cancer invasion of tissue: local and nonlocal interactions
- 18:00-18:35** Christian Stinner (University of Kaiserslautern)
On a multiscale model involving cell contractivity and its effects on tumor invasion