

Online Seminar on Chemotaxis

Date: 14th of December 2022 9:00 – 10:00 in “Central EU” hour
(which is 16:00 – 17:00 in “Beijing” hour and 17:00 – 18:00 in “Seoul–Tokyo” hour)

Speaker: Johannes Lankeit (Leibniz Universität Hannover)

Title: Chemotaxis and boundaries

Abstract:

In this talk we will consider the role of boundaries and boundary conditions in chemotaxis systems. We will, in particular, consider a signal-production system exhibiting new critical mass phenomena, and additionally have a look at chemotaxis/consumption systems with boundary conditions different from the usual homogeneous Neumann boundary conditions.

Organizers: Jie Jiang (jiang@apm.ac.cn) and Kentaro Fujie (fujie@tohoku.ac.jp)