Online Seminar on Chemotaxis

Date: 19th of November 2024   16:00 – 17:00 in "Beijing" hour
9:00 – 10:00 in "Central EU" hour
17:00 – 18:00 in "Seoul–Tokyo" hour

Speaker: Xueli Bai (Northwestern Polytechnical University)

Title: Asymptotic profile to the blow-up solutions of parabolic-elliptic Keller-Segel-Patlak system in $\mathbb{R}^N$ with $N \geq 3$

Abstract:

In this talk, we will give the exact blow-up profiles of solutions of the Keller-Segel-Patlak system in the space with dimensions $N \geq 3$ which solves an open problem proposed by P. Souplet and M. Winkler in [Souplet and Winkler, Com. Math. Phy. 2019]. This is a joint work with Maolin Zhou.

Seminar website: `http://www.math.tohoku.ac.jp/~fujie/OSC.html`

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