One-day Online Workshop on Chemotaxis

31st of July 2021.

Time table in "Beijing" hour

9.55 – 10.00 Welcoming issue

10.00 – 10.50 Yong Jung KIM (KAIST)
Turing patterns from a chemotaxis model with motility suppressing signal

11.00 – 11.50 Yuxiang LI (Southeast University)
Finite-time blow-up in a 2D Keller-Segel System with rotation

12.00 – 13.30 Lunch break

13.30 – 14.20 Jing LI (Minzu University of China)
Some recent results for a class of nonlocal Fisher-KPP models and the density-suppressed motility model with Fisher-KPP source

14.30 – 15.20 Sachiko ISHIDA (Chiba University)
Weak stabilization of the quasilinear parabolic equations in divergence form

15.30 – 16.20 Jaewook AHN (Dongguk University)
Asymptotics of PDEs arising from chemotaxis

16.30 – 16.50 Takeshi SUGURO (Tohoku University)
Well-posedness of the Cauchy problem of a Keller–Segel system in uniformly local spaces

16.50 – 17.10 Jianlu YAN (Nanjing University of Aeronautics and Astronautics)
Global generalized solutions to a Keller-Segel system with nonlinear diffusion and singular sensitivity

17.10 – 17.15 Closing issue

Organizers:

Kentaro Fujie (Tohoku University) and Jie Jiang (Chinese Academy of Sciences)

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Time table in "Seoul–Tokyo" hour

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