RIMS Symposia (open)

# Evolution Equations and Related Topics
## － Fusion of Theory and Applications －

Date: October 5 (Mon), 2026, PM － October 7 (Wed), 2026, AM
Venue: Room 420, RIMS, Kyoto University
Web: https://www.rs.kagu.tus.ac.jp/~yokota/rims_evol2026_en.html
Registration: Please fill out the Google form in the website above.
(Deadline: September 15 (Tue), 2026)

Organizer: Tomomi Yokota (Tokyo University of Science)

Program

October 5 (Mon) 12:55 － 16:50

12:55 – 13:00　Opening

13:00 – 13:50　**Chiharu Kosugi (Yamaguchi University)**
Recent mathematical results on elastic curve models with a compressible stress function

13:55 – 14:45　**Youshan Tao (Shanghai Jiao Tong University)**
Preventing blow-up by local anisotropy of signal production in the Keller-Segel system

15:00 – 15:50　**Yuri Soga (Tohoku University)**
On a chemotaxis system with indirect signal production in supercritical dimensions

15:55 – 16:45　**Michinori Ishiwata (The University of Osaka)**
Threshold dynamics of the heat flow associated with H-systems

October 6 (Tue) 9:45 – 16:50

9:45 – 10:35 **Maya Kageyama (Okayama University of Science)**
Anisotropic growth of honeycomb and analysis of the honeycomb construction model

10:40 – 11:30 **Eiji Yanagida (The University of Tokyo / Meiji University)**
On the Hurst diffusion equation with reaction

13:00 – 13:50 **Michael Winkler (University of Paderborn)**
Gagliardo-Nirenberg interpolation in Orlicz spaces near $L^1$ and applications
to parabolic smoothing and doubly degenerate chemotaxis systems

13:55 – 14:45 **Masaaki Mizukami (Kyoto University of Education)**
Blow-up phenomena in a fully parabolic chemotaxis-growth system

15:00 – 15:50 **Kousuke Kuto (Waseda University)**
Cross-diffusion limits in the SKT model: stationary theory and evolutionary problems

15:55 – 16:45 **Noriaki Yamazaki (Kanagawa University)**
Optimal control of time-periodic solutions to quasi-variational evolution equations

October 7 (Wed) 9:45 – 11:40

9:45 – 10:35 **Masahiro Ikeda (The University of Osaka / RIKEN)**
Diffusion on hypergraph and its applications to network analysis

10:40 – 11:30 **Ryunosuke Kusaba (Tohoku University)**
Asymptotic behavior of global solutions to the fractional convection-diffusion equation with critical dissipation

11:35 – 11:40 Closing

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