


TIME	CHAIR	12, May	CHAIR	13, May	14, May	CHAIR	15, May	CHAIR	16, May
9-9:25		OPENING							
9:30-10:00	T. Yokota	Piotr Biler	S. Ishida	Piotr Knosalla	Discussions, working groups and networking	M. Mizukami	Xinru Cao	G. Vigliani	Johannes Lankeit
10:05-10:35		Jaewook Ahn		Shohei Kohatsu			Sachiko Ishida		Stella Vernier-Piro
10:40-11:10		COFFEE BREAK		COFFEE BREAK	COFFEE BREAK		COFFEE BREAK		COFFEE BREAK
11:15-11:45	J. Lankeit	Mario Fuest	M. Marras	Takasi Senba	Discussions, working groups and networking	Y. Chiyo	Mengyao Ding	M. Fuest	Frederic Heihoff
11:50-12:20		Hai-Yang Jin		Masaaki Mizukami			Poonam Rani		Gregor Flüchter
12:25-12:55		Tobias Black		Dongkwang Kim			Yuya Tanaka		Rafael Díaz Fuentes
13:00-15:00		LUNCH		LUNCH	LUNCH		LUNCH		CLOSURE
15:00-15:30		Discussions, working groups and networking	S. Frassu	Alessandro Columbu	Discussions, working groups and networking	Y. Tanaka	Genglin Li		
15:35-16:05				Yutaro Chiyo			Duan Wu		
Program of The iWMAC8 International Workshop on Mathematical Analysis of Chemotaxis							$\frac{\partial}{\partial t} \text{👤} - \Delta \text{👤}$ $= -\nabla \cdot (\text{👤} \nabla \text{🏠})$		
Titles of the talks									

12, MAY. P. Biler: Radial solutions of the minimal chemotaxis model in \mathbb{R}^d . **J. Ahn:** Boundedness in a 2D chemotaxis-Navier-Stokes system with tensor-valued sensitivity. **M. Fuest:** Shrinking vs. expanding: the evolution of spatial support in degenerate Keller-Segel systems. **H.-Y. Jin:** Global dynamics for a population model with repulsive chemotaxis. **T. Black:** Dead-core behavior in degenerate chemotaxis systems.

13, MAY. T. Senba: Properties of radial steady states to a flux-limited Keller-Segel system. **P. Knosalla:** On steady states of certain chemotaxis-consumption system with an inflow of a nutrient. **S. Kohatsu:** Properties of solutions to flux-limited Keller-Segel systems with critical and supercritical exponents. **M. Mizukami:** Properties of blow-up points in chemotaxis systems with environmental dependent logistic source. **D. Kim:** Global Classical Solutions for a 3D Axisymmetric Chemotaxis-Fluid System Without Swirl. **A. Columbu:** Dampening gradient terms in a consumption model. **Y. Chiyo:** Can repulsive effect lead to boundedness in a one-dimensional quasilinear chemotaxis system even with flux limitation?

15, MAY. X. Cao: Critical mass in quasilinear Keller-Segel systems. **S. Ishida:** Global existence for a tumor invasion model with small initial data. **M. Ding:** A study of the bifurcation theory for Keller-Segel systems. **P. Rani:** A Quasilinear Chemotaxis-Haptotaxis System: Existence and Blow-Up Results. **Y. Tanaka:** Global existence and boundedness in Keller-Segel-type models with positive total flux. **R. Díaz Fuentes:** Dissipation Through Combinations of Nonlocal and Gradient Nonlinearities in Chemotaxis Models. **G. Flüchter:** Formation of Dirac singularities in the parabolic-elliptic Keller-Segel system.

16, MAY. J. Lankeit: Updates on chemotaxis-consumption. **S. Vernier-Piro:** Hölder continuity of weak solutions to chemotaxis systems. **F. Heihoff:** Refined asymptotics near blow-up points for the planar Keller-Segel system. **D. Wu:** The qualitative analysis to a doubly degenerate chemotaxis-consumption system with logistic source. **G. Li:** Analysis of Taxis-Consumption Systems with Signal-Dependent Motilities.