

Scientific Recognition: Evolution and Ecology

Editorships

Åke Brännström

- *Frontiers in Ecology and Evolution* – Review editor

Ulf Dieckmann

- *Journal of Evolutionary Medicine*

Mikko Heino

- *Ecology Letters*
- International Council for the Exploration of the Sea *Journal of Marine Science*

Christina Kaiser

- *Soil Biology and Biochemistry*

Johan A.J. Metz

- *Acta Biotheoretica*

Sergio Rinaldi

- *International Journal of Bifurcation and Chaos*

Akira Sasaki

- *Journal of Theoretical Biology*

Karl Sigmund

- *Journal of Theoretical Biology*
- *International Journal of Bifurcation and Chaos*
- *Dynamic Games and Applications*

Invited Lectures

Åke Brännström

- Gordon research conference on speciation, Ventura, USA: Modes of Diversification, Ecological Mechanisms, and Genomic Signatures: Phenotypic plasticity and reproductive isolation.

Ulf Dieckmann

- Gordon research conference on speciation, Ventura, USA: Modes of Diversification, Ecological Mechanisms, and Genomic Signatures: Conference opening and Ecological drivers & Robust adaptive speciation.
- LabEx TULIP, Bagnères, France, Laboratory of Excellence TULIP 4th Summer School in Integrative Ecology and Biology – Biological Interactions from Genes to Ecosystems: Modeling complex adaptive systems at the interface of ecology and evolution.
- Doshisha University, Kyoto, Japan, Japanese Society for Mathematical Biology (JSMB), Kyoto, Japan, 2015 Joint Meeting of JSMB and China-Japan-Korea Colloquium on Mathematical Biology – The 25th Annual Meeting of the Japanese Society for Mathematical Biology and the 5th China-Japan-Korea Colloquium on Mathematical Biology, Symposium on Biological and Social Communication: How science can help moving human communication beyond misperception, polarization, and distrust (keynote lecture).
- Research Institute for Humanity and Nature, Kyoto, Japan: Neutrality detection in spatial ecological communities.
- IIASA, Laxenburg, Austria, Systems Analysis 2015 Conference: Conference synthesis.

Mikko Heino

- Institute of Oceanography, National Taiwan University, Taipei, Taiwan, Workshop on Life History and Fisheries Ecology: Consequences of life-history variation in fish – insights from cod in Norway.
- Biodiversity Research Center, Academia Sinica, Taipei, Taiwan: Exploitation-induced evolution in fish.
- College of Marine Sciences, National Sun Yatsen University, Gaoxiong, Taiwan: Fisheries-induced evolution.

- College of Fisheries, Ocean University of China, Qingdao, China: Consequences of life-history variation in fish – insights from cod in Norway & Fisheries-induced evolution and its management implications.
- College of Life Sciences, Zhejiang University, Hangzhou, China: Exploitation-induced evolution in fish.

Rupert Mazzucco

- Gordon research conference on speciation, Ventura, USA: Modes of Diversification, Ecological Mechanisms, and Genomic Signatures: Evolutionary dynamics in complex communities.
- Biomathematics Group, Faculty of Mathematics, University of Vienna, Austria, Biomathematics Seminar Series: Virulence evolution in fragmented populations with infectivity-mobility trade-offs.

Johan A.J. Metz

- Gordon research conference on speciation, Ventura, USA: Modes of Diversification, Ecological Mechanisms, and Genomic Signatures: Branching for multivariate traits.
- Mathematical Biosciences Institute, Ohio State University, Columbus, USA, Current Topic Workshop on Evolutionary Game Theory: Evolutionary branching in the multivariate case.
- Lunteren, Netherlands, Evolutionary Demography Society 2015 Annual Meeting: Evolutionary demography (keynote lecture).

Akira Sasaki

- Gordon research conference on speciation, Ventura, USA: Modes of Diversification, Ecological Mechanisms, and Genomic Signatures: Pattern of speciation in multidimensional niche space.
- Japanese Society for Mathematical Biology (JSMB), Kyoto, Japan, The 25th Annual Meeting of the Japanese Society for Mathematical Biology and the 5th China-Japan-Korea (CJK) Colloquium on Mathematical Biology: Evolutionary arm races in recognition signals of symbiotic partners: mutualists vs. parasites.
- JSMB, Kyoto, Japan, 2015 Joint Meeting of JSMB and CJK Colloquium on Mathematical Biology – The 25th Annual Meeting of the Japanese Society for Mathematical Biology and the 5th China-Japan-Korea Colloquium on Mathematical Biology: The coevolution of human antiviral protein APOBEC3G and HIV protein Vif – a theoretical study.
- Center for Mathematical Modeling and Applications (CMMA), Meiji Institute for Advanced Study of Mathematical Sciences, Meiji University, Tokyo, Japan, International Conference CMMA 2014 on Crowd Dynamics: Projecting evolutionary trajectory of influenza A virus – multi-dimensional scaling and individual based antigenic drift model.

Karl Sigmund

- University of St. Gallen, Switzerland, Public lecture: Der *homo ludens* wird berechnend.
- IIASA, Laxenburg, Austria, Systems Analysis 2015 Conference: Institutions as tools for overcoming social dilemmas.

Sergio Rinaldi

- IIASA, Laxenburg, Austria, Systems Analysis 2015 Conference: Modeling love dynamics.
- École Normale Supérieure, Paris, France, Biology of Ecological Systems: Theory of species inter-actions: Introduction & From trophic interactions to ecosystem function & Eco-evolutionary dynamics of species interactions.

Organized Events

Åke Brännström

- Gordon Research Conference on Speciation – Modes of Diversification, Ecological Mechanisms, and Genomic Signatures, Ventura, USA, 15-20 March 2015.

Ulf Dieckmann

- Gordon Research Conference on Speciation – Modes of Diversification, Ecological Mechanisms, and Genomic Signatures, Ventura, USA, 15-20 March 2015.
- Working Group on Fisheries-induced Evolution (WGEVO) of the International Council for the Exploration of the Sea (ICES), IIASA, Laxenburg, Austria, 20-24 April 2015.
- WGEVO of ICES, French Research Institute for Exploitation of the Sea, Boulogne-sur-mer, France, 8-10 September 2015.
- Systems Analysis 2015 Conference, IIASA, Laxenburg, Austria, 11-13 November 2015.
- WGEVO of ICES, IIASA, Laxenburg, Austria, 14-18 December 2015.

Mikko Heino

- Working Group on Fisheries-induced Evolution (WGEVO) of the International Council for the Exploration of the Sea (ICES), IIASA, Laxenburg, Austria, 20-24 April 2015.
- WGEVO of ICES, French Research Institute for Exploitation of the Sea, Boulogne-sur-mer, France, 8-10 September 2015.
- WGEVO of ICES, IIASA, Laxenburg, Austria, 14-18 December 2015.

Johan A.J. Metz

- Winter School on Theoretical Ecology, Utrecht–Amsterdam–Leiden–Groningen–Utrecht, Netherlands, 13 January–4 February 2015.
- Honors Course on Crises in Biology – Marine Biology Session, Regional Centre for Coastal Studies, Marine Station, University of Caen, Luc-sur-Mer, France, 12-23 August 2015.

Sergio Rinaldi

- Modeling Love Dynamics, Polytechnic University of Milan, Italy, 18 December 2015.

Akira Sasaki

- Symposium on Frontier of Evolutionary Studies of Pathogens at the 17th Annual Meeting of the Japanese Society for Evolutionary Studies, Chuo University, Tokyo, Japan, 21 August 2015.
- Symposium on Biological and Social Communication at the 25th Annual Meeting of the Japanese Society for Mathematical Biology and the 5th China-Japan-Korea Colloquium on Mathematical Biology, Doshisha University, Kyoto, Japan, 26 August 2015.

Awards*Gergely Boza*

- Award for second-best poster by an early-career scientist at the Systems Analysis 2015 Conference, IIASA, Laxenburg, Austria. Poster title: Systemic-risk dilemmas emerging from reactive investments

Henrik Sjödin

- Award for best poster by an early-career scientist at the Systems Analysis 2015 Conference, IIASA, Laxenburg, Austria. Poster title: The formation of structured cooperative communities.

Advisory Boards*Ulf Dieckmann*

- Chair of the Working Group on Fisheries-induced evolution (WGEVO) of the International Council for the Exploration of the Sea (ICES)

Mikko Heino

- Chair of the Working Group on Fisheries-induced evolution (WGEVO) of the International Council for the Exploration of the Sea (ICES)

Johan A.J. Metz

- Habilitation Committee for the Habilitation to supervise research of Nicolas Champagnat.

Karl Sigmund

- Council of the Game Theory Society.
- European Research Council Advanced Grants Jury: Mathematics.
- Research Foundation Flanders Excellence Prize Jury.
- Scientific Committee for Physical, Chemical and Mathematical Sciences of Science Europe.
- Advisory Board of the Vienna Science and Technology Fund.