



Moscow Winter Academy
on
**Age-structured modeling
and management
of biological
and economic resources**

February 3-6, 2018

This event focuses on approaches to mathematical modeling of age- and size-structured population dynamics and control, including the following aspects:

- Biological and economic foundations of age- and size-structured models of renewable resources
- Discrete- and continuous-time models, and the relation between them
- Existence and uniqueness of solutions
- Major facts from the theory of optimal control of distributed systems described by first-order equations
- Numerical methods
- Applications to fish and tree populations
- Applications to economic growth models with vintage capital

Confirmed speakers:

Alexey Davydov, Lomonosov Moscow State University, Russia & International Institute of Applied System Analysis (Austria)

Natalia Hritonenko, Prairie View A&M University (USA)

Nikolay Strigul, Washington State University (USA)

More information and registration:

www.agora.guru.ru/mwa2018

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Program Committee:

Elena Rovenskaya, International Institute for Applied Systems Analysis (Austria) & Lomonosov Moscow State University (Russia), **Anne Maria Eikeset**, (University of Oslo (Norway)), **Nikolay Grigorenko**, Lomonosov Moscow State University (Russia), **Simon Levin**, Princeton University (USA), **Yuri Osipov**, Lomonosov Moscow State University (Russia), **Andries Peter Richter**, University of Oslo (Norway) & Wageningen University (The Netherlands), **Nils Christian Stenseth**, University of Oslo (Norway)



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