

Please join us for 1st Research Conference

SYSTEM DYNAMICS MODELING FOR PUBLIC AND CORPORATE FINANCE: BACKGROUND AND OPPORTUNITIES

December 10, 2018
10.00-16.45

Kyiv, NaUKMA
Voloska st, 8/5, building 6, room 401



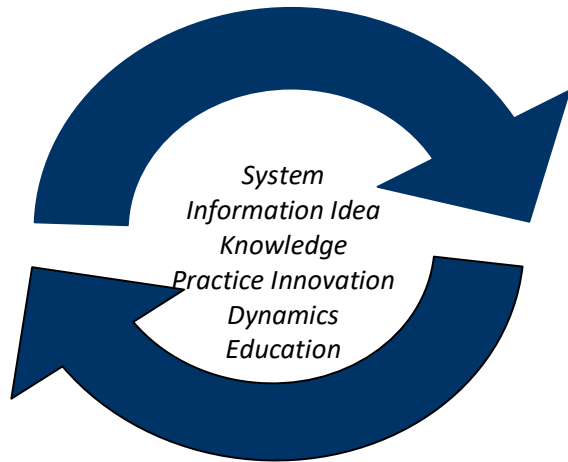
**System Dynamics Group
University of Bergen**



**National university of Kyiv-Mohyla
academy, Department of Finance NaUKMA,
Laboratory of financial and economic
research**



**The Ivan Franko National
University of Lviv**



1st Research Conference
**SYSTEM DYNAMICS MODELING FOR PUBLIC
 AND CORPORATE FINANCE:
 BACKGROUND AND OPPORTUNITIES**

AGENDA

Monday, December 10, 2018

9.30 to 10.00	Registration and reception
10.00 to 10.15	Welcome remarks
10.15 to 12.15	Session 1 <i>System dynamics in economic and financial models</i>
12.15 to 12.30	Coffee break
12.30 to 14.30	Session 2 <i>Dynamics of financial system: macro- and micro-level</i>
14.30 to 15.00	Lunch
15.00 to 16.30	Session 3 <i>Introducing system dynamics at schools</i>
16.30 to 16.45	Closing remarks

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WELCOME REMARKS

I. David Wheat, PhD, MPP, Professor Emeritus, University of Bergen, Norway

SESSION 1

System Dynamics in Economic and Financial Models

Andrii Kaminskyi, Professor, Kyiv National Taras Shevchenko University,
Oleksii Petrovskyi, Master student, Kyiv National Taras Shevchenko University
System Dynamics Modelling of Credit Risk Management

Hennadii Hryhoriev, Associate professor, NaUKMA
System Dynamics Approach for Sovereign Debt Regulation

Oleksandr Tarnavskyi, Master student, NaUKMA
Comparison of Dynamic and Classical Econometric Modeling for Ukrainian Labor Market

Tetiana Donkohlova, Nikita Dil, Master students, NaUKMA
Impact of Shocks on the Ukrainian Labor Market

Oksana Sidenko, Yurii Marko, Master students, LNU
System Dynamics Model of Labor Market Functioning in Ukraine

Liliia Marokha, Oleksandra Mosiichuk, Master students, NaUKMA
Policy for Improving Mortality Rate in Third-World Countries

Valerii Pavlichenko, Master student, NaUKMA
The Policy Implementation According to System Dynamic Approach

SESSION 2

Dynamics of Financial System: Macro- and Micro-Level

Diana Obarianyuk, Mariana Kozyra, Master students, LNU
Modeling of Capital Accumulation and Investment by System Dynamics Approach

Olha Danylets, Master student, NaUKMA
System Dynamics Model of the Banking Crisis in Ukraine in 2015-2016

Kateryna Bortnyk, Master student, NaUKMA
System Dynamics Approach to Modeling the Market Risk of Banks

Olha Naumenko, Master student, NaUKMA

Approach to Modeling the Action of Transmission Mechanism through the Interest Rates of Commercial Banks

Kamila Sverenko, Master student, NaUKMA

The Nature of the Interest Rate Formation for Bank Loans in Ukraine

Maryna Ushchenko, Master student, NaUKMA

Approach to Modeling the Main Factors that Influence the Funding Structure of Commercial Banks

Sofia Demkiv, Master student, NaUKMA

Bank Lending to Legal Entities: Characteristic and Factors Of Influence

SESSION 3

Introducing System Dynamics at Schools

Lesia Protsyshak, Teacher, Lviv Academic Gymnasium

Visualization of Training Using System Dynamics in Physics Classes

Alina Novik, PhD student, Assistant, NaUKMA

System Dynamics in Teaching and Research

Iryna Lukianenko, Professor, Head of Finance Department, NaUKMA, Olena Primierova, Associate professor, NaUKMA

Learning of Economics with Dynamic Modeling in Ukraine: Development and Perspectives

CLOSING REMARKS

Iryna Lukianenko, PhD, Doctor of science, Professor, Head of Finance Department, NaUKMA

Marianna Oliskevych, PhD, Doctor of science, Professor of the Department of Mathematical Economics and Econometrics, LNU