

23rd

# MATHEMATICAL & STATISTICAL MODELING OF COMPLEX SYSTEMS WORKSHOP



## March 18, 2024

TIME:	TITLE:	SPEAKER:
8:45 A.M	Day 1 Welcome	NEIU Leadership
9:00-9:30 A.M	Session 1: Multivariate monitoring of clinical trials using principal component analysis (Zoom)	Maciej Fronc
9:30-10:00 A.M	Session 2: "Towards taxonomy of cluster models in the global economy" (Zoom)	Arkadiusz M. Kowalski
10:00-12:45 P.M	Workshop on Developing and Analyzing a Mathematical Model of Cancer (Computer Lab - CBT 119)	Emma Turian
12:45-1:00 P.M	Refreshments	Refreshments

## MARCH 19, 2024

TIME:	TITLE:	SPEAKER:
8:45AM	Day 2: Welcome (Zoom)	SGH Leadership
9:00-9:30AM	Session 3: Optimal shares of NFT, DeFi and Bitcoin in equity portfolios in Poland, Czech Republic, and Hungary (Zoom)	Izabela Pruchnicka-Grabias

# MARCH 19, 2024

<b>TIME:</b>	<b>TITLE:</b>	<b>SPEAKER:</b>
9:30-10:00AM	<b>Session 4: Collaboration and competition in pharmaceutical research pre- and post-pandemic: The case of AstraZeneca and Pfizer (Zoom)</b>	Marzenna A. Weresa, Artur F. Tomeczek, Scott W. Hegerty
10:00-10:30AM	<b>Session 5: What factors lead to successful research projects? (Zoom)</b>	Maciej Fronc, Scott W. Hegerty, Arkadiusz M. Kowalski, Małgorzata S. Lewandowska, Dawid Majcherek, Marzenna A. Weresa
10:30-11:00AM	<b>Session 6: Exploring International R&amp;D Project Collaboration in e-Health: Evidence from European Framework Programs (Zoom)</b>	Christina Ciecierski, Lidia Filus, Scott W. Hegerty, Arkadiusz M. Kowalski, Małgorzata S. Lewandowska, Dawid Majcherek, Marzenna A. Weresa
11:00-11:30AM	<b>Session 7: Advancing healthcare through digitalization: a comparative study of access inequalities in European medical services (Zoom)</b>	Dawid Majcherek, Scott Hegerty, Arkadiusz M. Kowalski, Małgorzata S. Lewandowska, Desislava Dikova
11:30-12:00PM	<b>Session 8: Regional economic, social and healthcare disparities among the European Union member states (Zoom)</b>	Małgorzata S. Lewandowska, Arkadiusz M. Kowalski, Dawid Majcherek, Scott W. Hegerty

