

Institute of Public Health, Riga Stradins University  
organizes an **International Summer School Riga 2020 (ISSR 2020)**  
**"Economic Modelling and Evaluation in Health Care: An Application - Oriented Approach"**  
On 14<sup>th</sup> – 19<sup>th</sup> September, 2020

#### **MAIN CONTENT OF ISSR 2020**

1. Data Analysis in Health Care. Understanding the Data: sourcing, interpretation and context
2. Prescriptive Analytics in Health Care using the Open Source Software
3. Health care intervention cost-effectiveness analysis (Decision trees, Markov models)
4. Health service delivery modelling using operational research approaches
5. System Dynamics and the Corona – Pandemic – a theoretical and practical consideration
5. Process Management using Simulation in Hospitals
6. Modelling and Simulation of Business Processes in Health Care - Game-Based Learning as an application example

#### **LECTURERS**

Prof. Steffen Flessa, University of Greifswald, Germany  
Prof. Olav Goetz, APOLLON University of Applied Science, Germany  
Dr. Sven Lueke, VADEMECON, Germany  
Prof. Martin Pitt, University of Exeter, United Kingdom  
Prof. Sebastian Rachuba, University of Wuppertal, Germany

#### **FORMAT OF ISSR 2020**

ISSR 2020 will be an intensive week of face-to-face, on-line lectures and interactive seminars. ISSR 2020 is organized within the framework of international cooperation in the master's program "Health Management" and is open to international students, RSU programs, as well as RSU academic and research staff.

A personal computer is preferred for the practical classes, special software will be provided, additional information for registered participants will follow.

#### **IMPORTANT INFORMATION**

- **Participation fee:** 450 EUR, which includes: provision of the course program, materials and coffee breaks. Participants cover travel and subsistence expenses. The participation fee for taking part in the ISSR 2020 Online version: 300 EUR, which includes: provision of the digital version of the course program and materials. RSU students and academic staff membership fee is covered by RSU.
- **Summer school schedule:** Monday - Friday 9.00 - 18.00
- **Place** - Anniņmuižas bulvāris 26a, Rīga
- **number of participants** is limited (up to 30)
- Please **apply by July 30** by filling out the application on the RSU website (link will follow)

#### **FURTHER INFORMATION**

on the ISSR 2020 and on accommodation and travelling issues please contact

Prof. Dr. Olav Goetz, APOLLON Hochschule, [olav.goetz@apollon-hochschule.de](mailto:olav.goetz@apollon-hochschule.de)

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