



TECHNISCHE
UNIVERSITÄT
WIEN
Vienna University of Technology

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COCOS
Computational Complex Systems

de**helpp**

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EINLADUNG

European Health Systems:
Past, Present and Future:
Technology meets Health
System Research

Wednesday, October 12th 2016, 4pm

International research institutions from 5 countries meet for short talks on how to help the health system on basis of routine data, using new and innovative technologies from data sciences, statistics and mathematics.

On this occasion experts from Slovenia and Romania will present concepts how changes in politics generated new demand for skills in data processing. In addition experiences from EU projects and data linkage between countries will be presented by experts from Finland and Austria.

Mental Health, which is focus in the European Project CEPHOS-LINK (Comparative Effectiveness Research on Psychiatric Hospitalisation by Record Linkage of Large Administrative Data Sets) serves as an example of how to deal with changing health systems, to connect different data worlds and to develop new methods in order to prevent unnecessarily high numbers of (re-) hospitalizations of mentally ill people. In addition the actual research activities of DEXHELPP, a COMET K-Project with participation of TU Wien will be presented, especially the services DEXHELPP offers in the area of data based health system research in Austria. Last but not least a jointly developed lecture on modelling & simulation in Health Technology Assessment will be introduced.



Background on CEPHOS-LINK: Comparative Effectiveness Research on Psychiatric Hospitalisation by Record Linkage of Large Administrative Data Sets (CEPHOS-LINK) is an European research project investigating psychiatric services across six countries, namely Finland, Austria, Romania, Norway, Slovenia and Italy from April 2014 to March 2017. CEPHOS-LINK aims to compare different types of health service interventions in terms of differences in re-hospitalisation outcomes in adult patients, who have been discharged with a psychiatric diagnosis from hospitals. CEPHOS-LINK will use state-of-the-art approaches using large 'real world' electronic databases allowing for specific comparisons and detailed analysis.

CEPHOS-LINK has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 603264.

The K-Project DEXHELPP as part of COMET - Competence Centers for Excellent Technologies - is sponsored by BMVIT, BMWFV and the city of Vienna. The COMET project is organised by FFG.

16:00 Welcome & Refreshments

16:15 Introduction & Presentation of this Semesters Lecture on Modelling & Simulation in Health Technology Assessment at TU Wien
Felix Breitenecker, COCOS, Centre for Computational Complex Systems, TU Wien

16:30 The idea behind CEPHOS-LINK. National routine health care data as a source of information for research: the Finnish example.
Kristian Walbeck, THL, National Institute for Health and Welfare, Finland

16:45 Focus Theme: Development of health data collection and administration since independency:

Organisation of data analyses and measuring of co-morbidity/multi morbidity.

Lilijana Sprah, ZRC SAZU, Research Centre of the Slovenian Academy of Sciences and Arts, Slovenia

General concepts and measuring of post discharge variables. Literature based results and real world experience.

Raluca Sfetcu, SNSPMPDSB, National School of Public Health, Management and Professional Development, Romania

17:15 Coffee Break

17:30 Challenges in integrating registry based patient cohorts across EC countries

Christa Straßmayr, IMEHP Research, Austria

17:45 CEPHOS Application: Which factors before discharge have to be considered to prevent readmission?

Federico Tedeschi, University of Verona, Italy

18:00 The DEXHELPP Project at TU Wien - Health System Research and innovative Technologies for Future Cooperations

Niki Popper, DEXHELPP, COMET K-Project Decision Support for Health Policy and Planning

18:10 Buffet & Meet the Researchers

19:00 Closing