

ONLINE Talk

Scheduled: University of Vienna

Date: Monday, July 11th, 2022

Time: Austrian time at 10 a.m.

Zoom Link:

<https://univienne.zoom.us/j/62985670118?pwd=YjZ6WjE1VkNWNzRsaWloSDVnK2tpQT09>

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Handbook of Operations Research and Management Science in Higher Education. Editor: Zilla Sinuany-Stern, Department of IEM, Ben-Gurion University of the Negev, Beer-Sheva, Israel

Part of the book series : International Series in Operations Research & Management Science (ISOR, volume 309)

<https://link.springer.com/book/10.1007/978-3-030-74051-1>

This handbook covers various areas of Higher Education (HE) in which operations research/management science (OR/MS) techniques are used. Key examples include: international comparisons, university rankings, and rating academic efficiency with Data Envelopment Analysis (DEA); formulating academic strategy with balanced scorecard; budgeting and planning with linear and quadratic models; student forecasting; E-learning evaluation; faculty evaluation with questionnaires and multivariate statistics; marketing for HE; analytic and educational simulation; academic information systems; technology transfer with systems analysis; and examination timetabling. Overviews, case studies and findings on advanced OR/MS applications in various functional areas of HE are included.

