

Seminar: Quality 4.0 – From Theory to Practice

September 29th, 2026, Krakow University of Economics, Poland,
Rakowicka 27 str., Building G, Room 12

09:00	Opening and Session I
09:00	Prof. Paweł Cabala, Krakow University of Economics, Poland Head of Management Process Department
09:15	Dr. Andrea Sütőová, Technical University of Ostrava, Czechia Quality 4.0 Benchmarking Platform – a Visegrad Project
09:30	Dr. Gabriella Farkas, Óbuda University, Hungary Foundations of Quality 4.0: From Traditional Quality Management to Digital Excellence
10:00	Prof. Piotr Rogala, Wrocław University of Economics and Business, Poland From Quality 4.0 to Quality 5.0 in Hospitality: Balancing Digital Efficiency and the Human Touch
10:30	Coffee break
11:00	Session II
11:00	Dr. Andrea Sütőová, Technical University of Ostrava, Czechia Integration of Machine Learning into Six Sigma DMAIC: A Case Study
11:30	Assoc. Prof. Ágota Drégelyi-Kiss, Ph.D. Óbuda University, Hungary Quality 4.0 Maturity Assessment and Benchmarking Frameworks
12:00	Dr. Ewelina Senczyszyn-Rożek, Krakow University of Economics, Poland Determinants of management effectiveness in the Quality 4.0 context
12:30	Coffee break
13:00	Session III
13:00	Dr. Filip Tošenovský, Technical University of Ostrava, Czechia Advancing AI by Improving the Validation of Random Forest Models
13:30	Dr. Tomasz Małkus, Krakow University of Economics, Poland Logistics 4.0 – 5.0. Assumptions of improvement
14:00	Dr. Krzysztof Woźniak, Krakow University of Economics, Poland The Dark Side of Digital Transformation: Five Paradoxes of the Digital Enterprise
14:30	Coffee break
15:00	Session IV
15:00	Kamila Kwiatkowska, M.A., Krakow University of Economics, Poland Quality 4.0 in the quality management of digital products
15:30	Prof. Sławomir Wawak, Krakow University of Economics, Poland Quality 5.0/6.0 – towards the next level of quality management
16:00	Closing Discussion
16:30	Closing the seminar



The seminar is co-financed by the Governments of Czechia, Hungary, Poland, and Slovakia through Visegrad Grants from International Visegrad Fund. The mission of the fund is to advance ideas for sustainable regional cooperation in Central Europe.

