



AGH

AGH UNIVERSITY OF SCIENCE
AND TECHNOLOGY

**22nd International Conference on Decision Making
in Manufacturing and Services, 26–29 Sep. 2019
HYRNY Hotel, ul. Piłsudskiego 20, Zakopane, Poland**

26 SEP. 2019

CHECK-IN AT THE HOTEL HYRNY

DINNER (18:00–20:00)

27 SEP. 2019

REGISTRATION(10:30–11:30)

11:30

Opening Session

Dean of the Faculty of Management, AGH University of Science and Technology

Opening Address

Tadeusz Sawik

*Welcome Speech on the 22nd International Conference on Decision
Making in Manufacturing and Services*

Plenary Session

Chairman: Tadeusz Sawik

Eugeniusz Toczyłowski

*A Generic Multi-Commodity Heterogenic Energy Market Design
by Eugeniusz Toczyłowski*

LUNCH (13:00–14:00)

14:00

Session 1

Chairman: Eugeniusz Toczyłowski

Eugene Khmelnitsky, Yossi Luzon, and Rotem Pinchover

An Optimal Control Model of an Online Advertising Campaign

Thordur Vikingur Fridgeirsson

*A Cross-Impact Analysis of Eight Economic Parameters in Iceland
in the Context of Arctic Climate Change*

Tadeusz Sawik

A Multi-Portfolio Approach to Supply Chain Disruption Management

Marek Kubale, Tytus Pikies, and Tomasz Wesolowski

*Scheduling of Prioritized Jobs with Respect to Bipartite Incompatibility
Graphs on Uniform Batching Machines. An Application of Recent
Advances in Graph Theory to a Resource Allocation Problem*

COFFEE BREAK (15:30-16:00)

16:00

Session 2

Chairman: Thordur Vikingur Fridgeirsson

Katarzyna Gdowska, Roger Książek and Antoni Korcyl

A MILP Model for the Selective Solid Waste Collection Routing Problem

Semir Saleh and Mostafa Ranjbar

*A Review on Cutting Tool Optimization for Titanium and Its Alloy
Machining*

Katarzyna Gdowska, Joao Pedro Pedroso, Ana Viana, Kseniia Klimentova

Stochastic Last-Mile Delivery with Crowdshipping

Bartłomiej Gawel

Valuation of Real Option in Case of Hybrid Evaluation of Uncertainty

Andrzej Łodziński

Support of Decision-Making Under Risk by a Risk-Averse Decision-Maker





AGH

AGH UNIVERSITY OF SCIENCE
AND TECHNOLOGY



19:30

**GALA DINNER, GOLD HOTEL, UL. OSWALDA BALZERA 35
ZAKOPANE**

28 SEP. 2019

11:00

Plenary Session

Chairman: Eugene Khmelnsky

Marek Karkula and Jerzy Duda

Genetic Algorithm for Solving a Real Life Vehicle Routing Problem

11:30

Session 3

Chairman: Marek Kubale

Radosław Zając

Product Quality Synthetic Index

Marcin Dąbkiewicz

*European Funds for the Years 2014–2020 and Transfer of Knowledge
from B+R Activity on the Example of Malopolska [presentation in Polish]*

Joanna Marszewska

Types of Natural Disruption Risk in Japanese Supply Chains

Grzegorz Ginda

Support for Intangible Dilemmas-Related Decisions

LUNCH (13:00–14:00)

14:00

Session 4

Chairman: Jerzy Feliks

Grzegorz Ginda and Avinash Ojha

*How to Use Project Configuration to Make Actual Project Implementation
Less Sensitive to Possible Disruptions?*

Bartosz Sawik

*Multi Criteria Optimization Models for Green Logistics with Use
of Electric vs. Diesel Trucks*

Bartosz Sawik

*Goal Programming Approach for Green Logistics in Food Distribution
Companies*

Bartosz Sawik

Multi-Criteria Models for Green Logistics in the Western Pyrenees

15:30

CLOSING SESSION

Tadeusz Sawik

Conference Summary

ADDITIONAL INFORMATION:

*Oral presentations **should not exceed 15 minutes**. The authors will have the possibility of using computers for the presentations (Power Point, PDF File).*