

Schedule overview

Day I		October 9, 2025 Thursday	
Registration			9:00 – 10:00 Türkiye Time
Opening Ceremony			10:00 – 11:00 Türkiye Time
Keynote Speech			11:00 – 11:40 Türkiye Time
Group Photo			11:40 – 11:50 Türkiye Time
	Lunch Break		11:50 – 14:00 Türkiye Time
Keynote Forum 1			14:00 – 15:10 Türkiye Time
Keynote Forum 2			15:20 – 16:25 Türkiye Time
Keynote Forum 3			16:25 – 17:00 Türkiye Time
	Break		17:00 – 20:00 Türkiye Time
Keynote Forum 4			20:00 – 21:00 Türkiye Time
Day II		October 10, 2025 Friday	
Parallel Sessions			9:30 – 11:10 Türkiye Time
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Parallel Sessions			11:30 – 12:45 Türkiye Time
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	Lunch Break		12:45 – 14:00 Türkiye Time
TU Wien Pilot Factory Virtual Tour			14:00 – 15:00 Türkiye Time
Keynote Speech			15:00 – 15:50 Türkiye Time
Parallel Sessions			16:00 – 16:50 Türkiye Time
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Day III		October 11, 2025 Saturday	
Parallel Sessions			10:30 – 12:30 Türkiye Time
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	Lunch Break		12:30 – 13:45 Türkiye Time
TU Wien Tec-Lab Virtual Tour			13:45 – 14:05 Türkiye Time
Parallel Sessions			14:05 – 15:45 Türkiye Time
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Closing Session			15:45 – 16:05 Türkiye Time
Virtual Concert			16:05 – 16:50 Türkiye Time

This year the first two days of the symposium is going to be held in “**hybrid**” format from İstanbul Technical University. All sessions across the three days will be available online via Zoom.

Symposium site:

ITU Management Faculty Building, Maçka Campus, Maçka Cd. No:2, 34367 Şişli/İstanbul

Common Session room for Thursday, October 9, 2025: **Mustafa Kemal Amphitheater**

Parallel Session rooms for Friday, October 10, 2025: classrooms **ISB 102, ISB 104 and ISB 109.**




Time-zones:

In the symposium schedule, all times are given in both **UTC+3, Türkiye local time** and **CEST**.

Please refer to below **Time-zone Conversion Table** to match your local time.

Symposium time Türkiye Time	Berkeley, CA	Auburn, AL, Iowa City, IA	Dayton, OH New York, NY	Buenos Aires	Dublin, London	Central European Summer Time (CEST) Belgrade, Bratislava, Budapest, Budva, Prague, Rome, Vienna, Warsaw	Türkiye Time Antalya, İstanbul, Kuwait City, Moscow Eastern European Summer Time (EEST) Athens, Bucharest	Tehran	Beijing
10:00	12:00 AM	2:00 AM	3:00 AM	4:00 AM	8:00	9:00	10:00	10:30	15:00
11:00	1:00 AM	3:00 AM	4:00 AM	5:00 AM	9:00	10:00	11:00	11:30	16:00
12:00	2:00 AM	4:00 AM	5:00 AM	6:00 AM	10:00	11:00	12:00	12:30	17:00
13:00	3:00 AM	5:00 AM	6:00 AM	7:00 AM	11:00	12:00	13:00	13:30	18:00
14:00	4:00 AM	6:00 AM	7:00 AM	8:00 AM	12:00	13:00	14:00	14:30	19:00
15:00	5:00 AM	7:00 AM	8:00 AM	9:00 AM	13:00	14:00	15:00	15:30	20:00
16:00	6:00 AM	8:00 AM	9:00 AM	10:00 AM	14:00	15:00	16:00	16:30	21:00
17:00	7:00 AM	9:00 AM	10:00 AM	11:00 AM	15:00	16:00	17:00	17:30	22:00
18:00	8:00 AM	10:00 AM	11:00 AM	12:00 PM	16:00	17:00	18:00	18:30	23:00
19:00	9:00 AM	11:00 AM	12:00 AM	13:00 PM	17:00	18:00	19:00	19:30	00:00

Opening Ceremony	Oct 9, 2025 Thu	10:00 – 11:00 Türkiye Time	9:00 – 10:00 CEST
(Mustafa Kemal Amphitheater)			Moderator: Tuğba Yasemin Karagöz
<p>Pianist Matin Seyedesfahani Mini Concert</p> <p>Prof. Dr. Hatice Camgöz Akdağ İstanbul Technical University</p> <p>Prof. Dr. Numan M. Durakbasa TU Wien, President of UAD (Society for Production Research of Türkiye)</p> <p>Prof. Dr. Hasan Mandal Rector of İstanbul Technical University</p> <p>Prof. Dr. Kurt Matyas Vice Rector for Academic Affairs, TU Wien</p> <p>Prof. Dr. Daniela Popescu Vice Rector for University Management and Relations with the Economic Environment, TU Cluj-Napoca, Romania</p>			<p>Register & Join the ISPR 2025 Opening ceremony</p> <p>Upon registration, the meeting link will be sent to your email address.</p>
Keynote Speech	Oct 9, 2025 Thu	11:00 – 11:40 Türkiye Time	10:00 – 10:40 CEST
(Online)			Moderator: Tuğba Yasemin Karagöz
<p>Prof. Dr. Lütfihak Alpkan Deputy Minister of Labour and Social Security, Türkiye <i>“Fair Transition on the eve of Green Transformation”</i></p>			<p>Join ISPR 2025 Keynote Speech</p>
Group Photo	Oct 9, 2025 Thu	11:40 – 11:50 Türkiye Time	10:40 – 10:50 CEST
 <p><i>Photos from the venue and screenshots from the Zoom gallery view of the participants will be taken.</i></p>			
Lunch Break	Oct 9, 2025 Thu	11:50 – 14:00 Türkiye Time	10:50 – 13:00 CEST
Keynote Forum 1	Oct 9, 2025 Thu	14:00 – 15:10 Türkiye Time	13:00 – 14:10 CEST
(Online)			Moderator: Tuğba Yasemin Karagöz
<p>Dr. Yüksel Yalçın General Manager of İstanbul Energy – İsetaş, Türkiye</p> <p>Dr. Ing. Ömer Ganiyusufoğlu Industrial Development Consultant, QIAP – Qingdao International Academician Park, China <i>“The new global technological world order at the horizon and the role of China”</i></p>			<p>Join ISPR 2025 Keynote Forum</p>
Coffee Break	Oct 9, 2025 Thu	15:10 – 15:20 Türkiye Time	14:10 – 14:20 CEST

Keynote Forum 2	Oct 9, 2025 Thu	15:20 – 16:25 Türkiye Time	14:20 – 15:25 CEST
(Online)			Moderator: Tuğba Yasemin Karagöz
<p>Prof. Dr. Duc T. Pham Birmingham University, UK <i>“The Bees Algorithm and its Applications in Remanufacturing”</i></p> <p>Prof. Dr. Gül E. Kremer School of Engineering, University of Dayton, Ohio, USA <i>“A Transparent “Glass Box” Framework for Structural Supply Chain Risk Assessment: Leveraging LLMs to Integrate ESG, Operational Resilience, and Quality for Manufacturing SMEs”</i></p>			<p>Join ISPR 2025 Keynote Forum</p> <p>H: BT, KK</p>
Keynote Forum 3	Oct 9, 2025 Thu	16:25 – 17:00 Türkiye Time	15:25 – 16:00 CEST
(Online)			Moderator: Tuğba Yasemin Karagöz
<p>Prof. Dr. Ing. Jorge Bauer TU Wien, Austria & UTN-FRBA Buenos Aires, Argentina <i>“IA-Drones (RC), for Peace, learning, competition and cooperation”</i></p>			<p>Join ISPR 2025 Keynote Forum</p>
Break	Oct 9, 2025 Thu	17:00 – 20:00 Türkiye Time	16:00 – 19:00 CEST
Keynote Forum 4	Oct 9, 2025 Thu	20:00 – 21:00 Türkiye Time	19:00 – 20:00 CEST
(Online)			Moderator: Tuğba Yasemin Karagöz
<p>Prof. Dr. Andrew Kusiak Department of Industrial and System Engineering The University of Iowa, Iowa, USA <i>“Smart Manufacturing: A Generative AI Perspective”</i></p> <p>Prof. Dr. William P. Fisher Graduate School of Education University of California, Berkeley, California, USA <i>“Ecologizing Evolving Economies by Culturing Organic Processes of Growth and Transformation”</i></p>			<p>Join ISPR 2025 Keynote Forum</p>
End of Day I events	Oct 9, 2025 Thu	21:00 Türkiye Time	20:00 CEST

Parallel Sessions Oct 10, 2025 Fri 9:30 – 11:10 Türkiye Time 8:30 – 10:10 CEST

Sustainability (Classroom ISB 102)

- **A carbon accounting concept for lithium processing**
Dragomir, Mihai; Titu, Mihail; Popescu, Sorin; Dragomir, Diana*
- **Generating Static/Fatigue Strength Data and Welding Parameters in Welding Processes Using Electron Beam Welding**
Demirci, Gamze; Eyüz, Eray; Koçak, Mehmet Kutluhan; Gürbüz, Eren; Tunaboylu, Bahadır*
- **Process Improvement and Digitalization in a Semiconductor Research Laboratory Based on Lean Six Sigma: A Productivity-Oriented Approach**
*ALIMLI, DİLEK**

Meeting chair:
Beste Pazarözyurt

[Join ISPR 2025 Session 1](#)

H: AHY

Sustainability (Classroom ISB 104)

- **A Data-Driven Framework for Green Manufacturing: Integrating Environmental KPIs into Process Optimization**
*Karabacak, Nimet**
- **Climate Risks into Advisory Strategies in Türkiye: Navigating Sectoral Transformation and Strategic Directions**
*KÜLLÜ, İpek; Camgöz Akdağ, Hatice**
- **Embedding SDG Priorities in Quality Systems: A Sector-Based Model Integrating PDCA and Sustainability Principles**
*ÜNSAL, Nilgün; ARDA, Begüm; Seyedesfahani, Seyed Mohammad Matin; Camgöz Akdağ, Hatice**
- **Artificial Intelligence in Sustainable Building and Infrastructure Development: The Adaptation and Challenges**
*DEMİR, Nur; Camgöz Akdağ, Hatice**

Meeting chair:
Prof. Dr. Hatice
Camgöz Akdağ

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H: MAE

Supply Chain Management (Classroom ISB 109)

- **Supplier Selection Criteria in Fresh Fruit and Vegetable Purchasing: A Fuzzy AHP Approach**
*Yılmaz, Kevser**
- **Does innovative technology usage increase organizational performance? Not without sustainable supply chain management!**
Erzurum, Erdem; Ghezel, Alireza; Khan, Umaal Ahmed; Nebati, Emine Elif; Zaim, Selim*
- **Transforming Customer Requirements into Holistic Logistics Services: A Framework for Logistics Centre Project Development**
*KORKUT, GÜRHAN**
- **Strategic Evaluation of Supply Chain Management Systems: A Framework Based on Life Cycle, Competencies, Industry Dynamics, and Culture**
*KORKUT, GÜRHAN**

Meeting chair:
Prof. Dr. Selim
Zaim

[Join ISPR 2025 Session 3](#)

H: PC

Logistics and Project Management (Online)

- **Method for Calculating Motor Transport Costs in Military Logistics**
Islamov, Islam; Talibov, Aziz; Hashimov, Elshan; Akhundov, Ramil*
- **Optimization of Internal Logistics Vehicle Operations in an Electronics Manufacturing Facility**
*Güçüm, Esra; Sinan, Satılmış Ahmet; Gökalp, Bekir Eymen; Armağan, Berkay; Ozkan, Sinem**
- **Post-Earthquake Logistics Planning: A Case Study of the 2023 Kahramanmaraş Earthquake**
Yılmaz, Ali; Bereketli, İlke
- **The Role of E-Commerce in Reducing Carbon Dioxide (CO₂) Emissions: Toward a Sustainable Economic Model in Türkiye**
Akman, Fatih; Toprak, Biset; Güdelek, Mehmet; Nebati, Emine Elif*

Meeting chair:
Prof. Dr. Numan
Durakbasa

[Join ISPR 2025 Session 4](#)

H: BT

Coffee break Oct 10, 2025 Fri 11:10 – 11:30 Türkiye Time 10:10 – 10:30 CEST

Parallel Sessions Oct 10, 2025 Fri 11:30 – 12:45 Türkiye Time 10:30 – 11:45 CEST

Sustainability (Classroom ISB 102)

- **Adaptive Control Strategies for Enhancing Solar Panel Safety against Wind and Flood Impacts**
*Baheeg Ahmed, Abdel Moneim**
- **Quantifying the Role of Corporate Values in Sustainable Process Innovation: A Case Study from the Steel Industry**
*Arda, Begüm; Camgöz Akdağ, Hatice**
- **Data-Driven Sustainability in Plastics Manufacturing: A Thematic Review of AI Applications and Sustainability**
*Güneş, Selma Ayşegül; Camgöz Akdağ, Hatice**

Meeting chair:
Prof. Dr. Hatice
Camgöz Akdağ

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Session 1](#)

H: AHY

Sustainability (Classroom ISB 104)

- **The Historical Development and Application of DEA Method for Efficiency Analysis**
Lotfi, Alimohammad; Rezaie, Kamran*
- **A Review on Sustainability Rules and Regulations, a Supply Chain Impact Focus**
Aghabegloo, Mohsen; Rezaie, Kamran*

Meeting chair:
Biset Toprak

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Session 2](#)

H: BT

Operations Research Applications (Classroom ISB 109)

- **Simplifying the Complex: A Lean VSM Approach in Semiconductor Processes**
ALIMLI, DİLEK; Tunaboynu, Bahadır; Yilmaz, Rumeysa*
- **Robust Design and Scenario-Based Sensitivity Analysis of Agri-Food Supply Chains under Climate Uncertainty**
Paldrak, Mert; Yeginoğlu, Berkin; Özen, Fatma Neşe ; Acar, Helin Su; Ozveri, Melis; Erdem, Gamze; Terim, Armağan Yağız*

Meeting chair:
Prof. Dr. Selim
Zaim

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Session 3](#)

H: PC

Quality Management (Online)

- **Achieving Business Excellence within a sustainable global environment – Automotive industry**
*Baheeg Ahmed, Abdel Moneim**
- **Reliability Analysis of Air Traffic Control Systems Using the Survival Signature and Relative Importance Index**
Uzuner, Merve; Dengiz, Orhan; Dengiz, Berna*
- **Building Trust in Digital Marketplaces: Service Quality Drivers of Satisfaction and Purchase Intention in Karachi, Pakistan.**
Naqvi, Fariha; Khan, Dil Faraz; Maheshwari, Suneel Kumar; Zaim, Selim*
- **A Goal Programming Approach for Raw Material Supplier Selection in the Automotive Plastic Injection Sector: A Case-Based Sensitivity Analysis**
Yıldız Şahin, Semra Birgün, Nisanur Erdoğan

Meeting chair:
Dr. Osman Bodur

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Session 4](#)

H: MAE

Lunch Break Oct 10, 2025 Fri 12:45 – 14:00 Türkiye Time 11:45 – 13:00 CEST

Pilot Factory Virtual Tour Oct 10, 2025 Fri 14:00 – 15:00 Türkiye Time 13:00 – 14:00 CEST

(Online)

Virtual Tour in the **Industry 4.0 Pilot Factory** at the TU Wien.

Moderator:

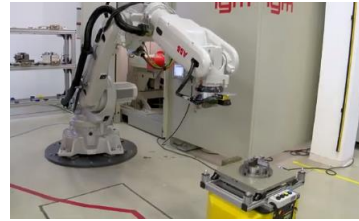
Dr. Gökçen Baş
TU Wien

Presenter:

Dr. Claudia Elisabeth Schickling,
Leon Zapletal,
Anastasia Lozo
Industry 4.0 Pilot Factory, TU Wien



[Join TU Wien Pilot
Factory Virtual
Tour](#)



Keynote Speech Oct 10, 2025 Fri 15:00 – 15:50 Türkiye Time 14:00 – 14:50 CEST

(Online and in classroom ISB 102)

Prof. Dr. Birgit Oberer

Research and Projects, ETCOP Institute for Interdisciplinary Research, Austria
“Responsible AI in Production: Aligning Innovation with Sustainability Goals”

Moderator:
Dr. Osman Bodur

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Special Session](#)

Coffee Break Oct 10, 2025 Fri 15:50 – 16:00 Türkiye Time 14:50 – 15:00 CEST

Parallel Sessions	Oct 10, 2025 Fri	16:00 – 16:50 Türkiye Time	15:00 – 15:50 CEST
<p align="center">Sustainability (Classroom ISB 102)</p> <ul style="list-style-type: none"> • Sky-ZeroCarbon: A Sustainable Machine-Learning Framework for In-Flight Catering <i>Aşıroğlu, Mehmet*</i>; <i>Olca, Emre</i> • Integrated Unrelated and Uniform Parallel Machine Scheduling Problem with Machine Group Selection <i>Aydınlı, Kartal</i>; <i>Kızıl, Yunus</i>; <i>Yalçıntaş, Sarp</i>; <i>Kızılay, Damla*</i> • Bridging Sustainability and Industry: An Empirical Framework on How Firms adopt Copper Cable Recycling Technologies <i>Belbağ, Sedat*</i> 			<p>Meeting chair: Prof. Dr. Selim Zaim</p> <p>Join ISPR 2025 Session 1</p> <p>H: AHY</p>
<p align="center">Manufacturing Systems (Classroom ISB 104)</p> <ul style="list-style-type: none"> • Comparison of FCFS, SPT, MWR, MOR and ORT Scheduling Methods in Semiconductor Manufacturing <i>ALIMLI, DİLEK*</i>; <i>Sert, Dogukan</i> • Multiple Evidence of Cellular Manufacturing's Reduction of Material Handling Costs Using a Hypothetical Plant Layout <i>Üzeyir Pala</i> 			<p>Meeting chair: Prof. Dr. Hatice Camgöz Akdağ</p> <p>Join ISPR 2025 Session 2</p> <p>H: MAE</p>
<p align="center">Algorithms and Applications (Classroom ISB 109)</p> <ul style="list-style-type: none"> • The Impact of Blockchain Technology on Operational Efficiency: The Case of Asset Management Firms <i>Bayraktar, Kerem</i>; <i>Tiruneh, Menbere Workie</i>; <i>Yadak, Yara</i>; <i>Zaim, Selim</i>; <i>Bayraktar, Erkan</i> • Development of an AI-Enhanced Refill Station Model for Sustainable Packaging in the FMCG Sector <i>Aleyna Erarslanoğlu*</i>; <i>Ferhan Çebi</i>; <i>Abdullah Bilal Kibar</i> 			<p>Meeting chair: Biset Toprak</p> <p>Join ISPR 2025 Session 3</p> <p>H: BT</p>
<p align="center">Simulation and Modelling (Online)</p> <ul style="list-style-type: none"> • Simulation-Based Performance Evaluation of Warehouse Operations: A Case Study of VISAM Plastic A.Ş. <i>Taşkın, Bartu</i>; <i>Çatal, Bartu</i>; <i>Bitik, Atakan</i>; <i>Şen, Doğuhan</i>; <i>Kalkan, Elif Sena</i>; <i>Paldrak, Mert*</i> • Development and Modeling of Intelligent Atmospheric Optical Communication Systems <i>Islamov, Islam*</i>; <i>Huseynov, Ashraf</i>; <i>Malikova Akhmadova, Nigar</i> • Optimum Design Procedure of Outer-rotor, Surface-mounted, Permanent Magnet Synchronous Motors <i>Alcoberro, Rodrigo*</i> 			<p>Meeting chair: Prof. Dr. Alptekin Erkollar</p> <p>Join ISPR 2025 Session 4</p> <p>H: PC</p>
End of Day II events	Oct 10, 2025 Fri	16:50 Türkiye Time	15:50 CEST

Parallel Sessions Oct 11, 2025 Sat 10:30 – 12:30 Türkiye Time 9:30 – 11:30 CEST

Artificial Intelligent Applications (Online)

- **Evaluation of CNN and Pre-trained Models in Image-Based PV Panel Defect Detection**
İlbaş, İrem Nur; Algorabi, Ömer*
- **Short-Term Electricity Demand Forecasting Using AI-Based Models for Green and Sustainable Energy Management**
Paksoy, Ayşe; Altay, Yeşim*
- **An Optimized Transformer Based Model for Sentiment Analysis of Customer Interviews in Logistics**
*Karapınar, Hasan Can ; Büyüктаş, Veysel Azat; Şimşek, Berna; Özcan, Tuncay**
- **Artificial Intelligence-Supported Weather and Traffic Analysis: Flight Delay Prediction at Istanbul Airport**
Molak, Rabia; Yıldırım, Ahmet Hamza; Zaim, Selim*
- **LLM-Driven Harmonization of Semantic Metadata in Data Catalog-**
Valentina Sorokina, Alexander Suleykin, Peter Panfilov, Valery Pyatetsky*

Meeting chair:
Prof. Dr. Bahadır
Tunaboylu

[Join ISPR 2025
Session 1](#)

H: AHY

Optimization (Online)

- **Bibliometric Analysis of AI for Carbon Emission Optimization in Fuel Storage and Distribution (2015–2025)**
Mesut Onuş, Hatice Camgöz Akdağ
- **Heuristic and Metaheuristic Approaches for Warehouse Layout Optimization: A Case Study of Visam Plastic A.Ş.**
*Taşkın, Bartu; Çatal, Bartu; Bitik, Atakan; Şen, Doğuhan; Kalkan, Elif Sena; Paldrak, Mert**
- **A Comprehensive Analysis on Biomass Supply Chain Management and Optimization Methods**
GÜNER, GÜRKAN GÜVEN; EROL, Serpil*
- **Ergonomics Code-Based Optimization for Passenger Seating Systems**
DONMEZER, Semih; Demircioğlu, Pinar; Okur, Hızır Alp ; Bogrekcı, Ismail; Durakbasa, Numan M.*

Meeting chair:
Prof. Dr. Kemal
Güven Gülen

[Join ISPR 2025
Session 2](#)

H: MAE

Energy and Facility Management (Online)

- **AI-Integrated Collaborative Robots for Integrated Energy Management Small and Medium-Sized Enterprises**
Travushkina, Anastasia; Turchinovich, Maria*
- **Comparative Analysis of Manual Solar System Design and PVsyst Outputs for Residential Loads**
*Baheeg Ahmed, Abdel Moneim**
- **Mobile Waste Collection Center Location Selection: A Case Study in Yenimahalle, Ankara**
UZUNER, Meltem; Dengiz, Berna*
- **Compliance for Cross-Border AI Projects: Managing Personal Data Transfers from the Perspective of Turkish Law:**
Cicek Ersoy, Nihat Zincirlioğlu
- **Between Intuition and Automation: Rethinking Toy Design and Environmentally Sustainable Engagement in the Age of AI**
Halli, Sinem; Kaya, Cigdem*

Meeting chair:
Prof. Dr. Hatice
Camgöz Akdağ

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Session 3](#)

H: KK, TBA

Production Management (Online)

- **Organisations Thriving for Innovation to Sustain Competitive Advantage: Qualitative Study in the UK**
*Baheeg Ahmed, Abdel Moneim**
- **From Compliance to Competitiveness: HR Analytics as a Strategic Lever for Operational Efficiency and ESG Resilience: Evidence from the Apparel Industry**
Oğuz Yücel
- **Digital twin driven design for machine tools in Education**
Holub, Michal; Pavlik, Jan; Tuma, Jiri; Klic, Daniel*
- **Assembly Line Balancing For The Integration Of A New Product At A Boiler Factory**
Kuduğ, Buse; Çağlar, Tutku; Aygün, Buket; Görücü, Begüm; Yılmaz, Duru; Dinç, Meyra; Toy, Ayhan Özgür; Yeginoğlu, Berkin*

Meeting chair:
Dr. Gökçen Baş

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Session 4](#)

H: BT

Lunch Break Oct 11, 2025 Sat 12:30 – 13:45 Türkiye Time 11:30 – 12:45 CEST

Tec-Lab Virtual Tour

Oct 11, 2025 Sat

13:45 – 14:05 Türkiye Time

12:45 – 13:05 CEST

(Online)

Virtual Tour in the **Tec-Lab Production Engineering Laboratory** at the TU Wien

Presenter:

Dr. Osman Bodur

Institute for Production Engineering and Photonic Technologies,
TU Wien



[Join TU Wien
Tec-Lab Virtual
Tour](#)

Parallel Sessions Oct 11, 2025 Sat 14:05 – 15:45 Türkiye Time 13:05 – 14:45 CEST

Big Data and Analytics (Online)

- **An Integrated Multi-Dimensional Approach for Evaluating Mobile Learning Platforms in Educational Environments**
*Güler, Merve ; Mukul, Esin; Konyalioglu, Kemal**
- **Retail Sales Forecasting Using Competitor Data: An Extreme Gradient Boosting Model Optimized with Optuna**
Feryad, Vahit; ÖZCAN, Doç. Dr. Tuncay; TURHAN, İlhan Recep; ÖZER, Mirza*
- **Applying Machine Learning for Monthly Forecasting of Real Estate Sales to Foreigners in Türkiye**
Sanam Geranpayehvagheei
- **SCADA Data Analysis with Decision Trees for Fault Prediction in Wheel Rim Molding**
Kabasakal, İnanç; Soyuer, Haluk*

Meeting chair:
Prof. Dr. Alptekin
Erkollar

[Join ISPR 2025
Session 1](#)

H: AHY

Productivity and Performance Management (Online)

- **The Impact of Material Requirements Planning Systems on Production Performance: An Application Example in the Textile Industry**
Yılmaz, Didem; Tüylü, Duygu; Şimşek, Nilsu*
- **From Bottlenecks to Balance: Enhancing Manual Assembly Line Capacity with Smart Optimization Tools**
Staiou, Efthymia; Özçelik, İrem; Özdeniz, Gülçin; Erol, Büşra; Asırcı, Yağmur; Ergüleç, Deniz*
- **Measuring Main Problems Faced by Motorcycle Couriers: A scale development study**
*Bedirhan, İpek *; Öztürkoğlu, Yücel; Kıymaz, Zeynep Sude; Ersoy, Begüm; Elçi, Muhammet Can; Özkan, Efkan*
- **Multi-pass diamond burnishing study on 42CrMo4 steel using different feed rates and burnishing forces**
*Varga, Gyula**

Meeting chair:
Dr. Guenther
Poszvek

[Join ISPR 2025
Session 2](#)

H: MAE

Simulation and Modelling (Online)

- **Modeling of Metamaterial Based Antenna for Intelligent Telecommunication Systems for Transmission and Receiving of Digital Signals**
Islamov, Islam; Abdullayev, Mammad ; Malikova Akhmadova, Nigar*
- **Applications of Acousto-Optic Bandpass Filter Operating on the Basis of Bragg Effects in Optical Intelligent Communication Systems**
Islamov, Islam; Huseynov, Ashraf; Abdullayeva, Aynura*
- **Research and Modeling of Antenna Devices Used in Mobile Communication Systems**
Islamov, Islam; Abdullayev, Mammad*
- **Planar Antenna System Models for 5G Wireless Telecommunication Technologies**
Islamov, Islam; Akhundov, Ramil; Abdullayev, Mammad*

Meeting chair:
Prof. Dr. Semra
Bırgün

[Join ISPR 2025
Session 3](#)

H: KK, TBA

Industrial Applications (Online)

- **Enhancing Small Cosmetics Businesses with Big Companies Innovations: A Sustainable Productivity and Lean Manufacturing Journey**
*Mutahar, Abeer**
- **Digital Twin-Driven Intelligent Manufacturing of Internet of Things, Artificial Intelligent and Machine Learning Integration**
Gürkan, Doruk; Sağbas, Binnur; Durakbasa, Numan*
- **Artificial Intelligence for Industrial Energy Development: Opportunities, Challenges, and Future Directions**
Doyle-Kent, Mary; Khairi, Mutaz*
- **Examining Sectoral Differentiation in the Turkish Manufacturing Industry via Cluster Analysis**
AKINCI, ATAKAN; BAKKAL, SALİH*

Meeting chair:
Prof. Dr. Hatice
Camgöz Akdağ

[Join ISPR 2025
Session 4](#)

H: BT

Closing Session Oct 11, 2025 Sat 15:45 – 16:05 Türkiye Time 14:45 – 15:05 CEST

(Online)

Prof. Dr. Hatice Camgöz Akdağ
İstanbul Technical University

Prof. Dr. Numan M. Durakbasa
TU Wien, President of UAD (Society for Production Research of Türkiye)

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Closing Session](#)

Virtual Concert Oct 11, 2025 Sat 16:05 – 16:50 Türkiye Time 15:05 – 15:50 CEST

(Online)

Virtual concert from recordings of Viennese artists.

Moderator:
Dr. Gökçen Baş

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Virtual Concert](#)

End of Day III events Oct 11, 2025 Sat 16:50 Türkiye Time 15:50 CEST