

# EU4DUAL Staff Week Future of Work

13.05 - 17.05.2024, FH JOANNEUM

Co-funded by the  
Erasmus+ Programme  
of the European Union



Day 1 – Monday 13.05.2024		Meeting point
09:00-09:30	Registration of participants	Alte Poststraße 147, Room 007
09:30-11:30	Welcome event <ul style="list-style-type: none"> <li>• Welcome speeches from FHJ:               <ul style="list-style-type: none"> <li>• Martin Payer, Financial Managing Director</li> <li>• Georg Wagner, Head of Institute Applied Production Sciences</li> <li>• Birgit Hernády, Head of International Office</li> </ul> </li> <li>• Group picture</li> <li>• Keynote speech: „The Future of work in the new AI world” (Nava Shaked, Holon Institute of Technology)</li> </ul>	Alte Poststraße 147, Room 007
11:45-13:00	Lunch	MENSA FHJ, Eggenberger Allee 11
13:00-14:00	Campus Tour FH JOANNEUM	MENSA FHJ, Eggenberger Allee 11
14:00-16:00	Presentation of participants	Alte Poststraße 147, Room 007
17:00-18.30	City Tour (voluntary)	Hauptplatz Graz
18:30-20:30	Opening Dinner	Herzl Weinstube, Prokopigasse 12
Day 2 – Tuesday 14.05.2024		
08:45	Meeting point FH JOANNEUM	Eggenberger Allee 11, main entrance
09:00-10:00	Bus transfer to campus Kapfenberg	
10:00-11:00	Presentation by heads of dual study programs Georg Wagner and Wolfgang Belitsch	Campus Kapfenberg, Room 210
11:00-12:00	Visit to the <a href="#">Smart Production Lab</a>	Campus Kapfenberg
12:00-13:00	Lunch	MENSA Kapfenberg
13:00-16:30	Transfer and company visit to Gösser Brewery in Leoben <a href="#">Gut. Besser. Gösser.   Gösser (goesser.at)</a> , guided tour by FH JOANNEUM graduates	Gösser Brewery
17:00-18:00	Transfer to Graz	

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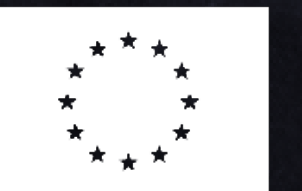


Day 3 – Wednesday 15.05.2024		
08:00	Meeting point Hotel Daniel, joint transfer to ANDRITZ GROUP	Hotel Daniel main entrance, Europaplatz 1
09:00-11:45	Company visit to <a href="#">ANDRITZ GROUP</a> in Graz – guided tour by FH JOANNEUM graduates	ANDRITZ, Stattegger Straße 18
11:45-12:30	Transfer to FHJ	
12:30-13:30	Lunch	MENSA FHJ
13:30-15:00	Workshop I: Digital transformation in Europe: the Role of Digital Engineering in the Context of the Transport Sector (Arrate Alonso, MONDRAGON University)	FHJ, Room 001 Eckertstraße 30i
15:15-17:45	Workshop II: Future of Work From the Engineering Perspective (Georg Wagner, FH JOANNEUM)	FHJ, Room 001 Eckertstraße 30i
Day 4 – Thursday 16.05.2024		
09:00-10:30	Workshop III: Future of Work From the Management Perspective (Sain López, MONDRAGON University)	Alte Poststraße 147, Room 007
10:40-12:10	Workshop IV: Digitalization Along the Value Chain (Katja Stamer, Martin Lachmair and Gerhard Lechner, DHBW)	Alte Poststraße 147, Room 007
12:20-13:30	Transfer to Zotter (with packed lunch)	
13:45-15:30	Excursion to <a href="#">Zotter Chocolate Factory</a> – company visit	Zotter Chocolate Factory, Bergl 56, Riegersburg
16:30-18:00	Transfer to Graz	
Day 5 – Friday 17.05.2024		
09:30-11:30	Wrap up: Reflection, next steps for further collaboration, farewell event Handing out participant certificates	Alte Poststraße 147, Room 007
11:30-12:30	Lunch (optional)	MENSA FHJ

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## Keynote Speech: AI for All - It's not Science Fiction Anymore

The field of artificial intelligence is integrated into almost every work environment and service in our daily lives. Robots of various types are an integral part of industry, medicine, social applications and today also as part of education and teaching. - It's not science fiction anymore. The lecture will explain the basic approaches to AI and will discuss the revolution that is taking place more strongly in recent months. We will raise essential questions related to the assimilation of AI in a new order of work environments on both personal and organizational level. Concentrate on the world of education and teaching processes, as AI presents a turning point in the professional concept, and the evaluations required for the benefit of education, training and teaching. We will talk about the disruption and the potential, as well as the opportunities we face in aspects of academia, industry and society in this AI era. In workshop discussion will raise essential questions both about the technology, about the need, and about the meanings of creating a set of values, how AI technology can be adopted for social and educational leverage.

**Speaker:** Nava Shaked (Holon Institute of Technology)

Dr. Nava Shaked is the head of The School Multidisciplinary Studies in - Holon Institute of Technology, Israel and an Adjunct professor at the PhD program at CUNY GC, Computational Linguistics She holds a Ph.D. from CUNY GC since 1994. Shaked is an expert in Artificial Intelligence, Natural Language processing, Human-Machine interaction, with 20 years' experience in both technology research as well as leading major projects in Israel, Europe and the US Hi-tech Industry. Shaked was acting as an advisor for major enterprises, leading customer strategy, designing system architecture, providing Professional Service and heading AI projects from the enterprise end.

## Workshop 1 - Digital transformation in Europe: the Role of Digital Engineering in the Context of the Transport Sector

**Workshop content:** In this workshop the impact of digitalization within engineering education will be analyzed. The influence of digital education to enhance the skills and employability of engineering students will be discussed. Moreover, the MU-Engineering School vision will be shared, first addressing different verticals (Manufacturing, Energy, Biomedical Transport sectors) and then focusing on the transversals (Computing {HMI, Data spaces}, Robotics {human-robot interaction}, Data Science {AI}, Cybersecurity, Next generation Communication Technologies).

**Presenter:** Arrate Alonso Gómez (Mondragon University)

Arrate Alonso Gómez is a professor and senior researcher at the Mondragon Unibertsitatea (MU) Engineering School, with 15 years of experience in lines such as research in the field of telecommunications applied to vehicular communications and intelligent transportation systems and the management of technology & innovation in international collaborative contexts.

## Workshop 2 - Future of Work From the Engineering Perspective - Shaping the Future of Work

**Workshop content:** Exploring the future of work using LEGO® SERIOUS PLAY®, in order to discover our role as universities and creatively rethink our educational approach, to better prepare upcoming generations for the future of work.

**Presenter:** Georg Wagner and Manuel Grassler (FH JOANNEUM)

Georg Wagner is the head of FH JOANNEUM's institute for Applied Production Sciences. He is also the head of the dual bachelor study program Production Technology and Organization and the dual master study program Engineering and Production Management. Manuel Grassler studied Production Technology and Organization and FH JOANNEUM. He has sound experience from industry and is an expert for facilitation of change and innovation processes.

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## Workshop 3 - Future of Work From the Management Perspective

**Workshop content:** In this workshop, the concept of an entrepreneurial university is presented and discussed. The participants will discuss how universities can best prepare for future challenges and analyze their own university's entrepreneurial spirit. Finally, the Mondragon Team Academy's experience will be shared with the participants. The workshop will be held in a participant-driven unconference format.

**Presenter:** Sain López (Mondragon University)

Sain López is a professor and senior researcher at the Mondragon Unibertsitatea (MU) Business School, with 15 years of experience in lines such as the creation of entrepreneurial teams, the management of business innovation in collaborative contexts and the incubation of new platform cooperatives. In 2008 she was co-founder of the Mondragon Team Academy (MTA), a community of more than 2,500 young entrepreneurs around the world linked to LEINN (Entrepreneurial Leadership and Innovation), the first undergraduate degree in entrepreneurship and innovation in Spain.

## Workshop 4 - Digitalization Along the Value Chain

**Workshop content:** In this workshop the impact of digital tools, methods and processes within the functions of the value chain will be analyzed. Moreover, it is important to consider opportunities but also challenges in the process of digitalization which will have an impact on leaders and staff within an organization. Besides learning about digital tools, digital systems and networks, topics such as transformational leadership, stressor coming with digitalization and life-long-learning will be addressed.

**Presenters:** Katja Stamer, Martin Lachmair and Gerhard Lechner (Duale Hochschule Baden-Württemberg)

Katja Stamer works as head of department and professor in the field of business engineering at the DHBW in Horb.

Martin Lachmair has a professorship at the business faculty at the DHBW in Villingen-Schwenningen.

Gerhard Lechner holds a professorship in business administration focused on production and materials management at the DHBW in Karlsruhe.