Cedefop and OECD symposium

Apprenticeships and the digital transition

15 and 16 **June 2023**

Cedefop, Thessaloniki





European Centre for the Development of Vocational Training







THURSDAY, 15 JUNE 2023 (local times)				
9:15-10:00	Registration and welcome coffee	12:25-14:00	SESSION 2. Adaptation of apprenticeship offer	
10:20-11:10	OPENING Chair: Ramona David Craescu, Expert, Cedefop Jürgen Siebel, Executive Director, Cedefop Stefano Scarpetta, Director, Employment, Labour and Social Affairs OECD Setting the scene Moderated by Ramona David Craescu, Expert, Cedefop		 paper presentations Moderated by Vlasis Korovilos, Expert, Cedefop SWPP and WIL Digital: a case study on using apprenticeship to close the digital skills gap Namir Anani, Information and Communications Technology Council (ICTC) Digital transition of apprenticeship in China's tourism sector A case study of the 'Alternation of working and learning' apprenticeship programme in Hainan Province Feiyu Wang, Beijing Foreign Studies University, Yanshan University 	
	 Setting Europe on course for a human digital transition Konstantinos Pouliakas, Expert, Cedefop Digitalisation of labour markets and education systems: an overview of recent OECD evidence Marieke Vandeweyer, Senior Policy Analyst, OECD 	14:00-15:00	The search for an optimal micro-apprenticeship model Deniz Kozanoglu, GATE Lyon/Saint-Etienne Research Centre LUNCH BREAK	
11:10-12:10	SESSION 1. Demand for digital skills paper presentations Moderated by Hiromichi Katayama, Programme specialist, UNESCO • How is the digital transformation changing demand for skills in apprenticeship-typical occupations? Mauro Pelucchi and Elena Magrini, Lightcast/Burning Glass Europe • The Swiss training system in a changing skills landscape Schorwin Michael Baika, The GOVPET Leading House:	15:00-16:00	SESSION 3. Enablers for apprenticeship providers paper presentations Moderated by Lidia Salvatore, Expert, Cedefop • Digitalisation of apprenticeship training – lessons from French apprenticeship training centres Romain Pigeaud, Centre Inffo • Apprenticeships in the digital era – The Erasmus+ project DigiGo and the work-based development of digital skills for apprentices Katerina Maniadaki and Natassa Kazantzidou, IDEC S.A.	
12:10-12:25	Scherwin Michael Bajka, The GOVPET Leading House; University of St Gallen COFFEE BREAK, FAMILY PHOTO	16:00-16:50	SESSION 4. Digital tools for schools and companies (Part I) paper presentations	

Moderated by Marieke Vandeweyer, Senior Policy Analyst, OECD

- The digital office simulation LUCA from the perspective of teachers and learners - First findings of usability analyses Sophia Gentner and Viola Deutscher, University of Mannheim, Business School, Area of Economic and Business Education, Professional Teaching and Learning
- Enterprise resource planning (ERP) systems in vocational schools - A German perspective on curriculum, instruction, and assessment

Christian Mayer and Jürgen Seifried, University of Mannheim, Business School, Area of Economic and Business Education, Professional Teaching and Learning

16:50-17:00

COFFEE BREAK

17:00-18:00

Moderated by Stefan Thomas, Senior Human Capital Development Expert, ETF

Learning from international policy and practice

- Enhancing TVET through digital transformation in developing countries
- Hiromichi Katayama, Programme Specialist, UNESCO
- The digital transformation of apprenticeships: emerging opportunities and barriers (ILO – ADULT project) Mergim Jahiu, Senior Advisor, Swiss Federal University for Vocational Education and Training, SFUVET
- Digital skills an overview of EU policies and tools Tim Schreiber, Policy Officer DG EMPL, European Commission
- Digital transformation of the VET sector: SELFIE WBL and further research

César Herrero, Scientific Researcher, European Commission Joint Research Centre (JRC)

18:00

End of first-day meeting

Guided bus tour around city centre, return to pick-up points

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FRIDAY, 16 JUNE 2023 (local times)

9:30-10:00	Registration and welcome coffee		
10:00-10:10	Welcome		
	Ramona David Craescu, Expert, Cedefop		
10:10-11:00	SESSION 5. Digital tools for schools and companies (Part II) paper presentations		
	Moderated by Tim Schreiber, Policy Officer DG EMPL, European Commission		
	 Extended reality opportunities and challenges for apprenticeships Diana Čop, Visionary Analytics Virtual reality in apprenticeship training – myths and real possibilities Andrzej Wojciech Stępnikowski, Łukasiewicz Research Network – Institute for Sustainable Technologies 		
11:00-12:10	SESSION 6. Enablers for companies participating in apprenticeships paper presentations		
	Moderated by Vlasis Korovilos, Expert, Cedefop		

 Success factors in apprenticeship delivery: which factors facilitate the uptake of new skills by in-company trainers to support digital transformation in vocational education and training?

Barbara Ofstad, Business Science Institute Luxembourg/ Siemens AG

 The pedagogy of modern apprenticeship: a case study into the research-based practices to inform work-based learning for Industry 4.0 skills

Beca Driscoll and Mary Kate Morley Ryan, Accenture

COFFEE BREAK

12:10-12:30

12:30-13:45

Closing panel: perspectives of the protagonists

Moderated by Mara Brugia, Deputy Director, Cedefop

- Stewart McKinlay, Skills Director, National Manufacturing Institute Scotland (NMIS)
- Daniel Friedrich, IG Metall
- Angeliki Filippidou, 2nd Vocational Apprenticeship School of Thessaloniki – DYPA
- Carlos de Olagüe Smithson, Director, IES Pedro de Tolosa, FP Empresa, EfVET
- Dan McCabe, Champions Trust, Wordskills

The panellists will discuss the role of apprenticeship in the digital transition and the related challenges and opportunities. They will present the perspective of those who eventually make changes happen: apprentices, training providers, teachers, companies, workers.

Concluding remarks

Mara Brugia, Deputy Director, Cedefop

Marieke Vandeweyer, Senior Policy Analyst, OECD

0-15:00 **LUNCH**

END OF DAY 2

14:00-15:00

13:45-14:00

15:00