



## Programme

**TUESDAY 1 APRIL 2025** (all times are CET)

9.00 – 9.30	Arrival - Registration
9.30 – 9.45	<b>Welcome and introduction to the conference</b>
9.45 – 10.15	<b>Keynote speech</b> Cedefop advancements in OJA driven skills intelligence ( <i>Adam Tsakalidis</i> )
10.15 – 11.30	<b>Session 1 – Delivering detailed skills analysis based on OJA</b> <ol style="list-style-type: none"><li>1. In-Demand Skills: A shield against automation – Evidence from Online Job Vacancies (<i>Tomáš Oleš</i>)</li><li>2. Work contracts determinants and labour market outcomes in Spain (<i>Robert Pater, Fernando Nunez, Ewa Gałeczka-Burdziak, Herman Cherniaiev, Carlos Usabiaga</i>)</li><li>3. Occupations and skills for the digital transition: A forecast of recruitment difficulties in an Italian region (<i>Francesco Bogazzi, Silvia Durante, Mauro Pelucchi</i>)</li><li>4. An enhanced job and skills modelling methodology for job role clarity (<i>George Stalidis, Neil Towers</i>)</li><li>5. Leveraging online job advertisements for green skills analysis in France (<i>Emiline Roger, Yannis Bouachera</i>)</li></ol>
11.30 – 12.00	<b>COFFEE BREAK</b>

12.00 – 13.00

## Session 2 – Assessment of skills shortage using web data

1. The career bridge: Mapping job transitions and skill gaps with big data from the web (*Ettore Colombo, Anna Clara Gatti, Sophie Gvasalia, Elena Magrini, Mauro Pelucchi, Simone Perego*)
2. Innovative approach to measuring skills shortages: Insights from the Chilean labour market (*Gianni Anelli*)
3. Building new data to understand the impacts of skill shortages on country-level performance (*Seamus McGuinness, Elisa Staffa, Lorcan Kelly, Paul Redmond*)
4. Covering gaps in job vacancy statistics using online job advertisements: A quality assessment (*Sofie Homa, Denis Leythienne*)

13.00 – 14.30

LUNCH

14.30 – 15.45

## Session 3 – Delivering labour market intelligence based on OJA

1. Bridging the gap: Analysing labour market needs and VET qualifications in Slovenia through job advertisements (*Anja Dolžan, Barbara Kunčič Krapež, Barbara Velkov, Majda Stopar*)
2. What can online job adverts tell us about the demand for transversal skills in Ireland's labour market? (*Nora Condon*)
3. Regional patterns of skill demand in the European labour market: A spatial analysis of job vacancy data across NUTS level 3 regions (*Ioana Gabriela Doleanu, Diego Giuliani, Ivano Bison*)
4. Let's get green: Understanding green skills and jobs through online job advertisements (*Emilio Colombo, Alessia De Santo, Francesco Trentini*)
5. Exploring transversal skills in online job advertisements: Insight from web data analysis in Spain (*Stephanie Carretero-Gómez, Milagrosa Sánchez-Martín, Iris Maria Muñoz-del-Pino*)



15.45 – 16.15	COFFEE BREAK
16.15 – 17.15	<p><b>Session 4 – Natural language processing and text mining based on OJA</b></p> <ol style="list-style-type: none"> <li>1. Moving past skills analysis: An LLM-driven, scalable, explainable, sustainable, human-in-the-loop pipeline for extracting latent intelligence from vacancies (<i>Alan Berg, Stefan Mol, Francesca Manzi, Tanja Hentschel</i>)</li> <li>2. Online job advertisements deduplication using large language models (<i>Jakub Žerebecki, Mikołaj Tym</i>)</li> <li>3. Online job advertisements classification using encoder-like large language model (<i>Mikołaj Tym, Jakub Žerebecki</i>)</li> <li>4. How much to offer? (<i>Miroslav Štefánik, Martina Halousková, Zuzana Košťálová, Lukáš Lafférs, Štefan Lyócsa</i>)</li> </ol>
17.15 – 17.30	Wrap up and concluding remarks
17.30	END OF EVENT

