



ENriching Circular use of OeR for Education

ENCORE Alert April 2025

ENCORE is an innovative project that brings together cutting-edge data-driven techniques, and a qualitative pedagogical approach to foster the use of OERs and existing taxonomy of skills- ESCO to produce resources for teachers

Dear colleague,

Welcome to our newsletter, directed to all colleagues interested in the ENCORE project. Our purpose is to let you know what has been happening in the different areas of work and to inform you on what project activities are coming up so that you can share them with colleagues and other interested contacts.

#OER_ENCORE

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What has been happening in the project?

Event Invitation

Beyond the Limits: AI Uses That are Off the Table

17 April 2025

Join us for the International Event called "*Beyond the Limits: AI Uses That Are Off the Table*" on **Thursday the 17th of March** from **10.00-11.00CEST**.

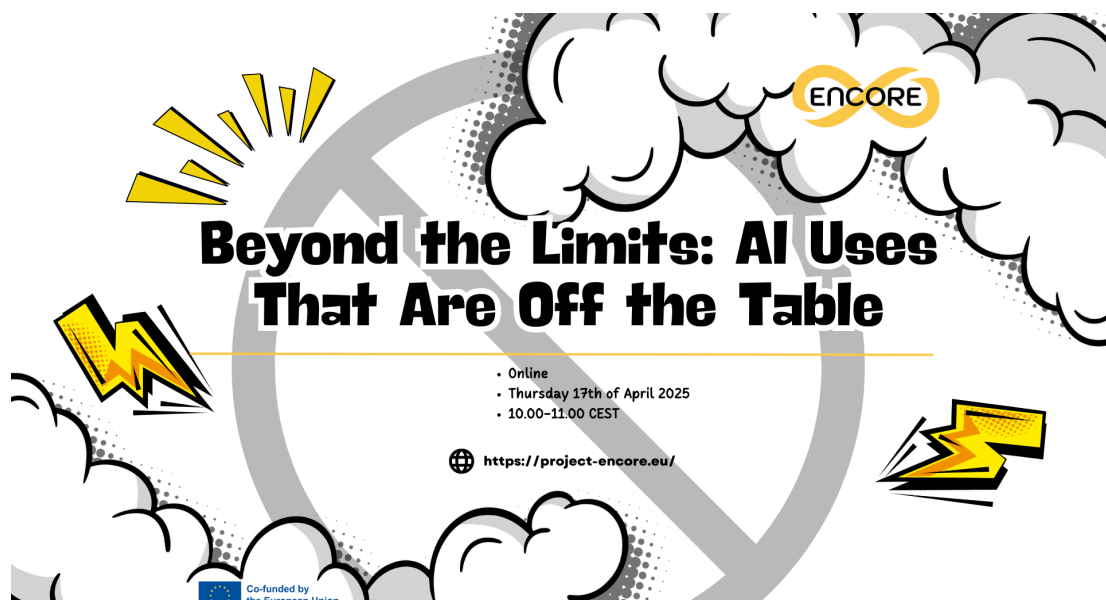
The **AI Act**, enforced since **August 2024**, introduced strict **prohibitions on emotion recognition**, especially in **workplaces and education**, with limited exceptions for **safety and health** applications. However, the **rushed drafting process** left key academic voices out, leading to concerns over **ambiguity and practical impact**.

To address these issues, the **AI Office** published **detailed guidelines** on **February 4, 2025**, further **clarifying—and in some cases tightening—restrictions** on emotion recognition. These updates come at a time when global competitors like **the US and China** are advancing rapidly, raising questions about the **EU's AI competitiveness**.

Our speaker Deniz Iren, who is an Associate Professor of Affective Computing at the Open Universiteit in the Netherlands, and is a manager, teacher, entrepreneur, and software developer with 20+ years of experience in industry-academia collaboration settings will present *Beyond the Limits: AI Uses That Are Off the Table*.

Visit the [Eventbrite page](#) for more information and registration

REGISTER



Event Invitation

Final Blended Conference: AI in Education: What is the point?

8 May 2025

We are delighted to announce that ENCORE's final conference will be in Pisa, Italy, on **Thursday 8th May** from **14.00-17.00 CEST**.

"AI in Education: What is the point?", that is the title, you can join us in presence or online.

Venue: University of Pisa, **School of Engineering**, L.go Lucio Lazzarino, 1, Pisa (IT)

Please save the dates in your calendars—we look forward to welcoming you and your colleagues!

Visit the **Eventbrite page** for more information and registration

REGISTER

14:00 - 14:30 *Welcome and presentation of the ENCORE project - Filippo Chiarello (UNIFI)*

14:20 - 14:50 *Keynote speech on AI in Education and other interventions*

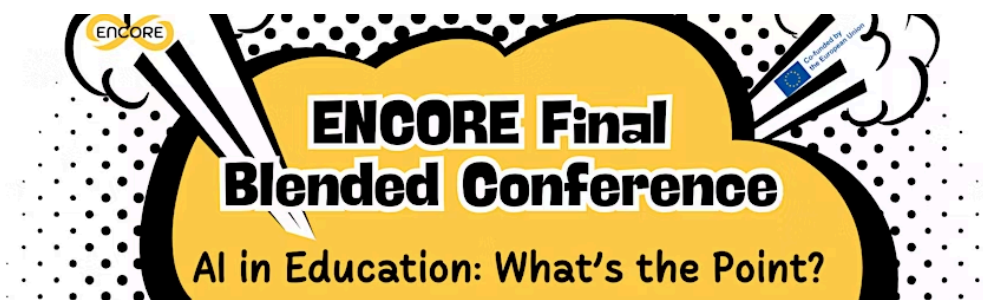
14:50 - 15:30 *Poster session on related topics*

15:30 - 16:00 *Coffee break and Networking*

16:00 - 16:45 *Round table discussion with experts coming from different institutions*

16:45 - 17:00 *Conclusion and Closing remarks*

17:00 - 18:00 *Aperitivo and Networking*





ENCORE's Enabler Powers High-School Competition on Computational Thinking

In a recent initiative by the University of L'Aquila (UNIVAQ), led by Prof. Antonio Bucchiarone from the Department of Information Engineering, Computer Science and Mathematics (DISIM), more than 200 high school students participated in a dynamic competition aimed at enhancing computational thinking.

The event used the ENCORE Enabler for Learners to offer an adaptive, gamified learning path that transformed how students engage with core digital skills. Activities included interactive readings, quizzes, coding tasks, and collaborative brainstorming sessions, all designed to foster critical thinking and teamwork.

Gamification played a key role in sustaining student motivation. Participants earned points by completing tasks and contributing to group challenges, encouraging both individual performance and collaborative learning. Educators, in turn, could track progress and give real-time feedback via the ENCORE platform.

At the end of the competition, the top three students from each group—junior and senior high school years—were awarded certificates of excellence, celebrating their achievements in this innovative format.

This initiative highlights the potential of ENCORE's learner enablers to bring gamification, personalization, and collaboration to the heart of digital education.





organizzato da UNIVAQ nell'ambito del progetto nazionale
"Informatica del Piano Lauree Scientifiche, distinguendosi
tra i migliori nelle classifiche finali"



Progetto Nazionale "Informatica"
del Piano Lauree Scientifiche



*Overview of the learning path defined for
the competition using the ENCORE
Enabler for Learners (credits: FBK)*

*Overview of the certificate released to the
learners (credits: FBK)*



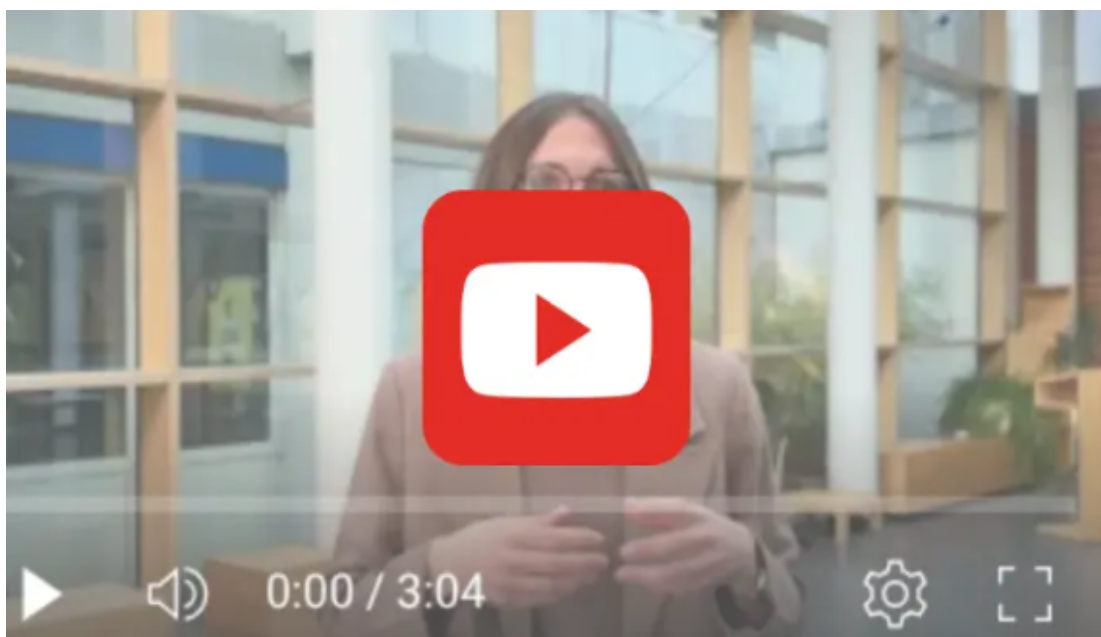
Exciting Times in Education with ENCORE!

We are happy to share this insightful video that explores the transformative role of Artificial Intelligence in the field of education and the potential of the ENCORE approach.

As we navigate an increasingly digital world, AI is not just a buzzword; it's a powerful tool that can enhance learning experiences, personalize education, and empower both educators and students. From intelligent tutoring systems to data-driven insights, the potential of AI to revolutionize how we teach and learn is immense.

Watch the video to discover how AI and the ENCORE approach are shaping the future of education and what it means for us all. Let's embrace this technology and work together to create a more inclusive and effective learning environment for everyone!

VIDEO

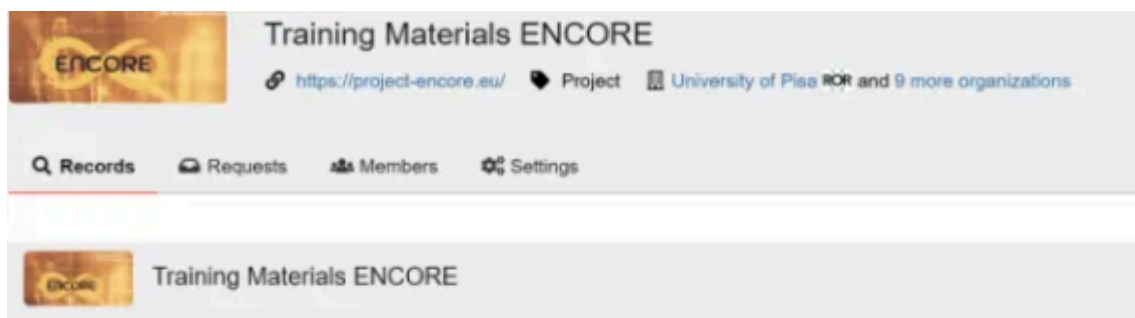


ENCORE Pedagogical Guidelines and Training Materials

Between February and March, the UNIPD team finalized the *Pedagogical Guidelines*, a key reference for Faculty Development and HR units looking to implement the ENCORE approach. The document introduces how AI-based tools for retrieving OERs can enhance teaching and learning, and will soon be available in the *Results* section of the ENCORE website.

Additionally, the *Training Materials* have been completed—essential resources for educators aiming to apply the ENCORE approach in practice. Structured in three formats (Self-paced, Crash Course, Intensive Course), the materials support diverse professional contexts and include interactive tools like H5P, design templates, and activity workflows. They are available on Zenodo in the “Training Materials ENCORE” Community, along with a Moodle Backup file (.mbz) to support reuse.

The *Self-paced Course* (6–8 hours) is designed for independent learners interested in open education and digital and entrepreneurial skills. It features interactive content, video tutorials, and self-assessments, and is openly accessible on Zenodo (*Self-paced Course ENCORE*).



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ENCORE Training Materials Documentation

Crudele, Francesca (Editor)¹ ; Raffagheili, Juliana Elisa (Work package leader)^{1, 2, 3}

Contributors

Project leader: Chiarello, Filippo¹

Research groups:

Giordano, Vito¹ ; Panarotto, Massimo² ; Bucchiarone, Antonio³ ; Schiavo, Gianluca³ ; Paliokas, Ioannis⁴ ;
Vázquez-Ingelmo, Andrea⁵ ; García-Holgado, Lucía⁵ ; Mancuso, Giulia⁶ ; Geigis, Daniel⁷ ; Göring, Stephanie⁷ ;
Joachim, Laure⁸ ; Antonaci, Alessandra⁹ ; Nijsten, Beau⁹

Chalmers Showcases ENCORE

Project Insights at Key Industry Events

This spring, Chalmers University of Technology presented recent ENCORE project developments at two major events, engaging both academic and industry audiences.

On 8 April, at the Annual Seminar on Digital Product Realization (hosted by the Wingquist Laboratory), ENCORE addressed over 150 industry representatives, highlighting challenges in engineering education and how digital tools can better align academic training with industry needs.

Earlier, on 25 March, Chalmers also featured ENCORE at the CHEOPS Joint Final Dissemination Event, sharing its broader educational goals with European space research projects.

Both presentations included live demos of the ENCORE platform and its challenge-based learning features, along with a preview of Open Recognition platforms supporting micro-credentials and flexible learning paths.

The strong positive feedback reinforced ENCORE's relevance in bridging education and industry in an evolving digital landscape.

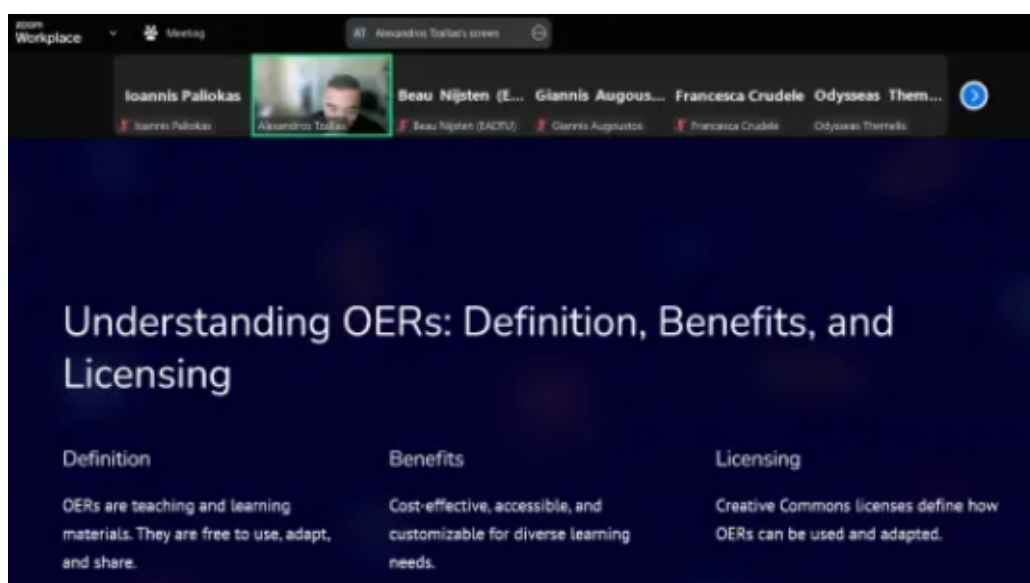


Open Educational Recourses for Teachers and Educators

A webinar was organized by the Hellenic Open University (HOU) on the 4 of March 2025, to explain to teachers, educators, educational policy makers and final year University students attending a teacher training course, the benefits of OERs and how they can enhance teaching, learning, and research. Around 50 participants joined the webinar for around one and half hours (from 11:00 AM - 12:00 PM CET), of which most were coming from the Democritus University of Thrace (DUTH), University of Ioannina (UoI), Hellenic Open University (HOU), the Hellenic Education Society for STEM (E3STEM), University of Padova (UniPd) and University of Pisa (UniPI).

After a welcome message from the organizers, Beau Nijsten (EADTU) made an introduction to the ENCORE project and explained its vision and objectives (Fig. 1). Then, Ioannis Paliokas (HOU) and Alexandros Tzallas (HOU) explained deeper the concept of OERs (Fig. 2) and made a live demonstration of the ENCORE platform. Alexandros Tzallas (HOU) closed the webinar with a presentation on the recommended models for Integrating OERs into Educational design and everyday Teaching.

VIDEO



Presentation of Prof Tzallas (HOU) who explains in detail the concept of OERs

Unlocking Growth: ENCORE Meets the Master Scalability Program

On January 24, 2025, the ENCORE platform was presented to participants of the *Master Scalability – Digital Technologies & Company Growth* program. As the group approaches the end of their training, the platform's features—particularly its support for building personalized learning paths through Open Educational Resources (OERs)—were met with strong interest.

During the session, participants highlighted two key areas for future development: the addition of an Italian language version of the platform and enhanced functionalities for tracking and monitoring OER usage. These suggestions reflect a growing demand for tailored, user-friendly digital learning environments in professional contexts.

The feedback underscored ENCORE's value as a flexible and impactful tool for lifelong learning. For *Beam me up*, the event also offered an opportunity to explore new synergies between ENCORE outcomes and the evolving needs of Master's programs.

Moving forward, both teams are committed to supporting professional growth through innovative, customizable digital solutions that align with real-world learning needs.





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Contacts

Project coordinator: [Filippo Chiarello](#), University of Pisa (UniPi)

Dissemination team: [Beau Nijsten](#) and [Alessandra Antonaci](#), European Association of Distance Teaching Universities (EADTU)



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