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Newsletter - July 2026

Dear Reader, welcome to our newsletter!

We are happy to share with you the latest updates from our journey to transform informatics education. In this edition, you'll find:

- Insights from Tertiary education programme for informatics teachers
- A sneak peek at what is coming next

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Training the Informatics Teachers of Tomorrow



What does it take to prepare a truly future-ready informatics teacher? This is the question at the heart of a new tertiary education programme being developed as part of the Digital First project, which sets out a clear and structured pathway for training the next generation of informatics educators.

The proposed model follows a 3+2 structure — a three-year Bachelor's programme followed by a two-year Master's — designed to equip future teachers not just with technical knowledge, but with the broader skills that modern classrooms demand: creativity, problem-solving, digital responsibility, and critical thinking.

At Bachelor's level, students explore a wide range of foundational areas, from programming and algorithms to artificial intelligence, cybersecurity, robotics, and inclusive pedagogies. The Master's level then deepens this preparation, covering advanced topics such as curriculum design, educational research, cloud computing, and professional leadership, culminating in a Master's thesis.

A distinctive thread running through the entire programme is the Digital First functional approach to informatics education, one that prioritises what learners can actually do with technology, rather than focusing solely on how systems work under the hood. Alongside academic study, the programme places significant emphasis on real classroom experience, with school placements, mentoring, observation, and guided reflection forming an integral part of the learning journey.

The result is a coherent, adaptable framework that bridges university preparation and authentic teaching practice — and one that could offer a meaningful model for informatics teacher education across Europe.

What is coming next?



The Digital First journey is entering its final stretch — and while many key results are already taking shape, our teams are making the most of a busy summer.

The piloting of our teaching and learning materials has officially come to an end! Teachers and students across Europe tested the resources in real classrooms, giving us valuable feedback from real learning environments. The University of A Coruña is now analysing the results, identifying what worked best and where the materials can be further refined before their final release.

At the same time, we are wrapping up the inspiring conversations from our Dialogue Clubs. Partners are bringing together insights from discussions with

teachers, students, parents, and other stakeholders to help shape the project's final recommendations for the future of informatics education.

Behind the scenes, the consortium is also putting the finishing touches on the new teacher training programme for future and current informatics teachers, designed to help educators confidently navigate the rapidly evolving digital world.

Another important collaborative effort is bringing the entire consortium together to explore one of the key questions in digital education: how can learning analytics be used responsibly? Partners are gathering evidence through literature reviews, interviews, and national research to examine privacy, ethics, data protection, and responsible school practices. These findings will help create practical guidance for schools on using learning analytics in ways that support students while protecting their rights.

And finally... cameras are rolling! Work has begun on the project's final video, which will capture the Digital First journey, celebrate its achievements, and showcase the people, ideas, and collaborations that made it all possible.

Stay tuned — we can't wait to share the final results with you!

Latest news



From Over 60 Countries to One Community: Advancing Computational Thinking Worldwide

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European Informatics Education and DIGITAL FIRST Presented at the Festival of Learning in Kumamoto, Japan

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Meet our partners



Our project consortium consists of 15 organisations including universities, teacher training centers, primary and secondary schools, NGOs, and a public body from Belgium, Bulgaria, Croatia, Cyprus, Finland, Greece, Italy, Lithuania, Portugal, Slovenia, and Spain.

[Read more about our partners](#)

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