



ISELI - SPECIAL TRACK

Innovative Solutions on Emerging Learning Needs

IDEAS - EXPERIENCES - METHODS



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About me



I'm Daniela Pellegrini and R&M Manager in Piazza Copernico (Italy)

Passionate about digital instructional design, I work on complex, blended and innovative training projects. In the past, I worked on the methodological and functional design of LMS platforms and other edtechs for evaluation, mobile and micro learning, tutoring processes, or blended courses.

Since the last seven years I coordinates Research and Development team in Piazza Copernico , including collaboration with university experts on different research topics:

- innovative instructional design models
- semantic analysis
- learning analytics

in Human Resources world and other business processes.



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Why talking about emerging needs in learning?

Dealing with didactic technologies involves a deep consideration about pros and cons to effectively face new opportunities, greater autonomy and also different behaviours in learning.





Emerging needs

With the evolution of users' digital experience, the post-pandemic massive migration of work and training to digital, as well as the centrality of information sharing, new training needs emerged and require flexible and different training models and instructional design, models for engagement and governance, but also of enhancement of informal experiences.

New needs imply:

- appropriate training models, formats, and technologies in harmony
- understanding of different learning behavior patterns
- emerging of skill awareness and great personalization needs
- request of maximum ease of access to resources,
- short duration resources, micro-timing available, resource and knowledge sharing, and individualization of study.

In ISELI we want to investigate emerging learning needs, new training topics, possible instructional solutions, and new contents that could enhance users learning experience.

Why talking about emerging needs in learning?

Some new needs

01

Adaptation and D&I

Grant access to digital learning materials under different training needs, habits, available platforms, subject and also provide inclusion to different learning

02

Navigate in Different Digital Resources

Necessary skills to navigate a constantly changing and increasing amount of information and resources. Promote critical evaluation skills, avoid cognitive overload and maximize retention

03

New blended learning

Leveraging other technology for training, from social media formats, knowledge sharing and collaboration, metaverse for enhanced learning experiences

New emerging needs in the industry



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Learning experience and engagement

3 contributions

Learning formats, accessibility, engagement, and impactful experience.

Governance and impact

1 contribution

Leverage data analysis to promote an aware governance indications to ensure improvements in the learning offer.

Iseli Focus will be on two drivers

Bibliography

Some helpfull papers about digital learning transformation

- D. Kem, 2022. Personalised and adaptive learning: Emerging learning platforms in the era of digital and smart learning. International Journal of Social Science and Human Research, Vol 5 no. 2, pp.385-391.
- Tiwari, S. P. (2022). Emerging Technologies: Factors Influencing Knowledge Sharing. World Journal of Educational Research.
- Jones, E. R. (2022, March). Implications of SCORM and emerging e-learning standards on engineering education. In 2002 GSW.
- B. Bygstad, E. Øvrelid, S. Ludvigsen, M. Dæhlen (2022). From dual digitalization to digital learning space: Exploring the digital transformation of higher education in Computers & Education, Vol.182, no. 104463.