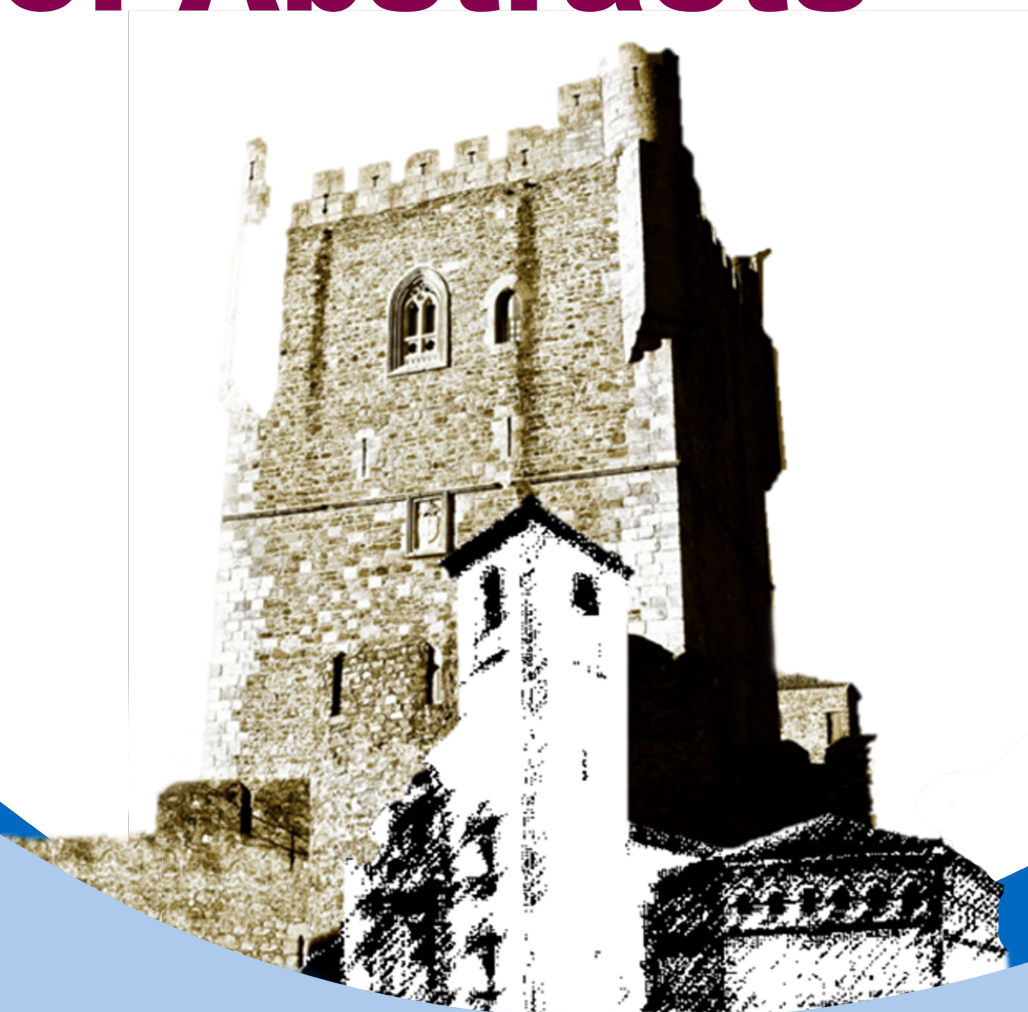


INCTE 2019

4.º Encontro Internacional de Formação na Docência
4th International Conference on Teacher Education

Livro de Resumos Book of Abstracts



INSTITUTO POLITÉCNICO DE BRAGANÇA Escola Superior de Educação

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(INCTE): livro de resumos**

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MathE: a different approach to learn

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The variety of useful technologies available for educational purposes is increasing and scientific studies confirm the usefulness of these resources. Nevertheless, there is still a lack of formal qualification in digital skills within faculty training. Up to now, higher education institutions (HEI) over Europe are expected to take into account innovative technologies and scenarios such as Open Educational Resources (OER) or Massive Open Online Courses (MOOC). The main goal of MathE - Improve Math skills in Higher Education is to encourage training and exchange in order to enhance the quality of teaching and, in particular, to support the use of digital technologies and online transmission to improve pedagogies and assessment methods; MathE also aims to set up transnational teacher training courses and strengthen cooperation between teacher training institutions. The specific objectives of MathE are: to facilitate the identification of students' gaps in the knowledge of maths in order to effectively attend their higher education courses; to provide math teachers with the necessary digital teaching sources that allow them to help their students to overcome existing gaps; to enhance a transnational sharing of innovative teaching sources, tools and strategies in the field of mathematics teaching and learning at higher education level. The project is addressed to: maths lecturers - to provide them with TEL (technology-enhanced learning) based sources and strategies to help their first-year students to overcome knowledge gaps; maths students at the university level - to increase their engagement, motivation and sense of being.

Palavras-chave: mathematics; active learning; technology-enhanced learning