



Computer Science: Computer and Information Systems Applications

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## Learning Technologies and Systems

21st International Conference on Web-Based Learning, ICWL 2022, and 7th International Symposium on Emerging Technologies for Education, SETE 2022, Tenerife, Spain, November 21–23, 2022, Revised Selected Papers

This book constitutes the refereed conference proceedings of the 21st International Conference on Web-Based Learning, ICWL 2022 and 7th International Symposium on Emerging Technologies for Education, SETE 2022, held in Tenerife, Spain in November 21–23, 2022. The 45 full papers and 5 short papers included in this book were carefully reviewed and selected from 82 submissions. The topics proposed in the ICWL&SETE Call for Papers included several relevant issues, ranging from Semantic Web for E-Learning, through Learning Analytics, Computer-Supported Collaborative Learning, Assessment, Pedagogical Issues, E-learning Platforms, and Tools, to Mobile Learning. In addition to regular papers, ICWL&SETE 2022 also featured a set of special workshops and tracks: The 5th International Workshop on Educational Technology for Language Learning (ETLL 2022), \* The 6th International Symposium on User Modeling and Language Learning (UMLL 2022), Digitalization in Language and Cross-Cultural Education, ...

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