Record Nr. UNINA9910683351303321 3rd international conference on science and technology education 2022 **Titolo** : selected contributions of STE 2022 / / edited by Lucas F. M. da Silva and Antonio J. M. Ferreira Cham, Switzerland: ,: Springer, , [2023] Pubbl/distr/stampa ©2023 **ISBN** 9783031254017 9783031254000 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (150 pages) Collana Proceedings in Engineering Mechanics, Research, Technology and Education, , 2731-023X Disciplina 634.9 Soggetti Science - Study and teaching Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references. Nota di bibliografia Nota di contenuto Influence of COVID-19 Confinement and Pandemic on the Academic Performance of Students -- 3D with Artificial Intelligence Technology Contributes Science and Technology Education Development --Enhancing Engineer and Engineering Perception Through Video Design in STEM Education -- Circulation as a Concept Graphically Represented in a Game-like Manner to Support the Design Process in Architecture --The Blockchain Technology Applications in Higher Education --Undergraduate Engineering Laboratories: A Study Exploring Laboratory Objectives and Student Experiences at an Irish University. Sommario/riassunto This volume of the series Proceedings in Engineering Mechanics -Research, Technology and Education provides selected papers presented at the 3rd International Conference on Science and Technology Education, held in Porto, Portugal, October 6-7, 2022. From the various topics covered at this conference, individual contributions have been selected for this book. These contributions focus on learning mechanisms, learning systems and assessment. The book presents the latest trends, new methods and ideas in science and technology education. An essential resource for lecturers and tutors working in this field.