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Soggetti	Education—Data processing Application software Computer engineering Computer networks Artificial intelligence Educational technology Computers and Education Computer and Information Systems Applications Computer Engineering and Networks Artificial Intelligence Digital Education and Educational Technology
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Nota di contenuto	Difficulty of Bebras tasks for Lower Secondary Blind Students -- Bebras Based Activities for Computer Science Education: Review and Perspectives -- Assessing the Agreement on the Bebras Tasks Categorisation -- A Two-Dimensional Classification Model for the Bebras Tasks on Informatics based Simultaneously on Subfields and Competencies -- Participants' Perception of Tasks in an Informatics Contest -- Upper- and Lower-Secondary Students' Motivation to Study Computer Science -- Tips and Tricks for Changing the Way Youth Conceive Computer Sciences -- Engagement Taxonomy for Introductory Programming Tools: Failing to Tackle the Problems of

Comprehension -- Ready for Computing Science? A Closer Look at Personality, Interests and Self-Concept of Girls and Boys at Secondary Level -- Factors Influencing Lower Secondary School Pupils' Success in Programming Projects in Scratch Design- and Evaluation-Concept for Teaching and Learning Laboratories in Informatics Teacher Education -- A Case of Teaching Practice Founded on a Theoretical Model -- In-service Teacher Training and Self-Efficacy -- Computational Thinking in Small Packages -- Identification of Dependencies between Learning Outcomes in Computing Science Curricula for Primary and Secondary Education -- On the Way to Personalized Learning Paths -- Computing in Pre-primary Education -- ePortfolio introduction: Designing a Support Process -- Student-centered Graduate STEM Education Integrated by Computing: An Insight into the Experiences and Expectations of Doctoral Students. .

Sommario/riassunto

This book constitutes the proceedings of the 13th International Conference on Informatics in Schools: Situation, Evolution and Perspectives, ISSEP 2020, held in Tallinn, Estonia, in November 2020. Due to COVID-19 related travelling restrictions the conference had to be switched to online format. The 18 revised full papers presented were carefully reviewed and selected from 53 submissions. They are organized in topical sections named: Tasks for Informatics Competitions; Engagement and Gender Issues in School Informatics; Informatics Teacher Education; Curriculum and Pedagogical Issues.
