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Nota di contenuto	1. Project-based Learning for Statistical Literacy: A Gamification Approach -- 2. User Expectations and Experiences in Using Location-Based Serious Game in Educational Context -- 3. Enhancing the Learning of History through VR: The Thirteen Factories Icube Experience -- 4. Mapping the Challenges of Outdoor Learning for Both Students and Teachers -- 5. Learning Analytics Features for Improving Collaborative Writing Practices: Insights into the Students' Perspective -- 6. Student Behavior Changes in Estonia Revealed by e-Learning Technology -- 7. Quality Management Through Curriculum Analytics, Pedagogical and Course Innovation -- 8. Estonian In-service Teachers' and Pre-service Teachers' Assessments of Content, Pedagogy and Technology Knowledge, Based on the TPACK Framework -- 9. Computational Pedagogy: Thinking, Participation, Reflection -- 10. Creating Multimedia Learning Materials for Improved Teacher Training -- 11. Code ABC Hachathons: Teachers as Tinkerers -- 12. Innovative and Flexible Approaches to Teaching and Learning with ICT -- 13. Microlearning for Macro Outcomes: Students' Perceptions of Telegram as a Microlearning Tool -- 14. The Impact of Educational Robotics on Mathematics Learning Outcomes in Basic Education -- 15. Training Incident Commander's Situational Awareness - A Discussion of How Simulation Software Facilitate Learning -- 16. Cross-innovation -

Innovations in the Intersection of the Audiovisual and Education Sectors
-- 17. Educational Use of Facebook: A Comparison of Worldwide
Examples and Turkish Context -- 18. Indicators Related to the
Educational Application of ePortfolios.

Sommario/riassunto

This volume is a compilation of selected papers that were presented at the annual conference of the International Council of Educational Media (ICEM) in Tallinn, Estonia, on September 5 - 7, 2018. The book reports on recent interdisciplinary research and innovative practices regarding school-wide implementation of digital innovation and connects it with recent developments in the field of educational media. The key concept is "Digital Turn," which is understood as a socio-technical transition towards next-generation digital learning ecosystems in education. Although Digital Turn can also be implemented at the classroom or national levels, most of the contributions in this volume take a whole-school perspective on the policies and practices regarding digital innovation, educational media, e-assessment, digital competences of teachers and students as well as learning design and learning analytics.
