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Titolo	Pedagogy and Psychology in Digital Education [[electronic resource] /] / edited by Stefanie Yen Leng Chye, Bee Leng Chua
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Descrizione fisica	1 online resource (266 pages)
Disciplina	929.374
Soggetti	Teaching
	Educational psychology
	Educational technology
	Pedagogy
	Educational Psychology
	Digital Education and Educational Technology
	Tecnologia educativa
	Psicologia pedagògica
	Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part 1: Digital education for 21st Century learning -- A self-determination theory perspective on online lessons -- Student-centered learning with large student groups: Rationale, organization and experiences in problem-, project- and team-based learning -- Online synchronous peer feedback practice during Covid-19 -- Does online coaching support training transfer? Coaches' perceptions of early-career teachers' implementation of self-regulation strategies in the context of a professional development programme -- Digital portfolios for problem-based learning: Impact on preservice teachers' learning strategies -- Formative assessment to support pre-service teachers' self-regulated learning in digital education -- Part 2: Innovative uses of digital technology in education -- Man-machine partnership to support remote peer tutoring – Psychological, pedagogical and technological considerations for the development of a mobile application -- Supporting knowledge building with digital

technologies: From computer-supported collaborative learning to analytics and artificial intelligence -- Using pedagogical principles to design a Mooc for parents and educators -- Teaching social-emotional learning with immersive virtual technology: Exploratory considerations -- Supporting health professions education with virtual simulations: The role of technical, educational and affective factors in assessing opportunities and challenges -- Can social presence promote meaningful learning? Danmaku video learning to enhance social presence and meaningful learning -- Part 3: Challenges in digital education -- The other side of the promise: Some precautions for technology-based education -- Misjudgements of learning in digital environments -- Mediating effect of loneliness on social emotional learning and problematic internet use in Singapore youth.

Sommario/riassunto	This book brings together latest research which explores the intersection between educational psychology and educational technology. It consolidates contemporary research on the psychological dimension of technology-based learning, and how new learning technologies can impact learners. More specifically, it provides a better understanding of the affordances of technology-based learning, and how they impact the cognitive and affective processes of learners, facilitate new pedagogical approaches, and transform learning environments. It discusses how technology can be used to develop twenty-first-century competencies such as creativity, critical thinking, problem-solving skills, digital literacy, reflection, and lifelong learning, and explores the pitfalls, challenges and dangers therein.