1. Record Nr. UNINA9910255133903321 Innovations in Smart Learning [[electronic resource] /] / edited by Elvira **Titolo** Popescu, Kinshuk, Mohamed Koutheair Khribi, Ronghuai Huang, Mohamed Jemni, Nian-Shing Chen, Demetrios G. Sampson Singapore:,: Springer Singapore:,: Imprint: Springer,, 2017 Pubbl/distr/stampa **ISBN** 981-10-2419-7 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XIV, 236 p. 68 illus., 57 illus. in color.) Lecture Notes in Educational Technology, , 2196-4963 Collana 371.33 Disciplina Soggetti Educational technology **Educational Technology** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references at the end of each chapters. Sommario/riassunto The book aims to provide an archival forum for researchers, academics, practitioners, and industry professionals interested and/or engaged in the reform of the ways of teaching and learning through advancing current learning environments towards smart learning environments. It facilitates opportunities for discussions and constructive dialogue among various stakeholders on the limitations of existing learning environments, need for reform, innovative uses of emerging pedagogical approaches and technologies, and sharing and promotion of best practices, leading to the evolution, design and implementation of smart learning environments. The focus of the contributions in this

practitioners, and industry professionals interested and/or engaged in the reform of the ways of teaching and learning through advancing current learning environments towards smart learning environments. It facilitates opportunities for discussions and constructive dialogue among various stakeholders on the limitations of existing learning environments, need for reform, innovative uses of emerging pedagogical approaches and technologies, and sharing and promotion of best practices, leading to the evolution, design and implementation of smart learning environments. The focus of the contributions in this book is on the interplay of pedagogy, technology and their fusion towards the advancement of smart learning environments. Various components of this interplay include but are not limited to: Pedagogy: learning paradigms, assessment paradigms, social factors, policy; Technology: emerging technologies, innovative uses of mature technologies, adoption, usability, standards, and emerging/new technological paradigms (open educational resources, cloud computing, etc.); Fusion of pedagogy and technology: transformation of curriculum, transformation of teaching behavior, transformation of administration, best practices of infusion, piloting of