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Nota di contenuto	Emerging Materials & Technologies : Meaning, Understanding and Issues, Venere Ferraro -- The Four EM&Ts - A synthesis of a literature review, Anke Pasold -- 1. Experimental Wood-based Materials -- 1.1. Experimental Wood-based Materials: Towards a sustainable material world, Pirjo Kaariainen, Sara Lucia Rueda Mejia -- 1.2. Collaborative strategies in education and research, Pirjo Kaariainen, Sara Lucia Rueda Mejia, Tarja-Kaarina Laamanen -- 1.3. The hands-on approach to Wood-based Materials, Pirjo Kaariainen, Sara Lucia Rueda Mejia, Tarja-Kaarina Laamanen -- 1.4. From ideas to innovations: sharing and scaling up, Pirjo Kaariainen, Jari Laine, Sara Lucia Rueda Mejia -- 2. Nanomaterials -- 2.1. Carbon-based & Nanomaterials and its relevance to Design Practice, Paz Morer, Aitor Cazon, Maria Isabel Fernandez, Robert Thomson -- 2.2. The selection of Didactic Methods in Design Process, Paz Morer, Aitor Cazon, Maria Isabel Fernandez, Robert Thomson -- 2.3. The need for a holistic approach, Paz Morer, Aitor Cazon, Maria Isabel Fernandez, Robert Thomsonpag -- 2.4. New perspective and suggestions for teaching with and for NanoTech, Paz Morer, Aitor Cazon, Maria Isabel Fernandez, Robert Thomson -- 3. ICS Materials, Wearable Based -- 3.1. Wearable Textile Systems: design layered intelligence materials, Venere Ferraro -- 3.2. Towards the definition of ICS Materials in Design Education: Approaches in specific teaching methods, Stefano Parisi -- 3.3. Dynamism as an emerging

materials experience for ICS Materials, Valentina Rognoli -- 3.4. What do we need to design innovative teaching methods for ICS Materials in wearable domain?, Venere Ferraro, Stefano Parisi -- 4. Advanced Growing Materials -- 4.1. Advanced Growing Materials - Designing with Living Matter, Anke Pasold -- 4.2. Didactics for designing in Complex, Open Systems, Anke Pasold -- 4.3. Experimental-Experiential Approaches to Designing With Advanced Growing Materials, Anke Pasold -- 4.4. Enabling for Designing with Advanced Growing Materials, Anke PasoldA Logical Framework for designing with and for Emerging Materials and Technologies (EM&Ts), Stefano Parisi, Venere Ferraro.

Sommario/riassunto

The book focuses on four exemplified EM&Ts areas as results of the methods, gaps and issues related to their teaching methods. The four areas are: Experimental Wood-Based EM&Ts, Interactive Connected Smart (ICS) Materials Wearable-based, Carbon-based & Nanotech EM&Ts and Advanced Growing. It provides the setting up of a common/ novel method to teaching EM&Ts: to create new professional in young students, and to develop new guidelines and approach.