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Altri autori (Persone)	MarcosM (Mariano)
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Note generali	"This Volume of Materials Science Forum titled New Frontiers in Materials Processing Learning and Training reports the latest developments and original applications, theoretical researches and case studies in the innovative education field applied to Materials Processing Engineering and Technologies. The papers included in this issue have been selected from those presented to the Second Special Symposium on New Frontiers in Materials Processing Learning and Training of the 18th Innovative University Technical Learning, hold [sic] in Santander (Spain) in July 2010."--Preface.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	New Frontiers in Materials Processing Training and Learning II; Preface, Committee; Table of Contents; About the Importance of Simulation Tools in the Learning Process of Metal Forming and Moulding; An Integrated Methodology for the Teaching of Computer Aided Tools for Automated Machining; Development of a Virtual Machine for the Sheet Metal Bending Process Simulation for Educational Purposes; Experimental Introduction to Forced and Self-Excited Vibrations in Milling Processes and Identification of Stability Lobes Diagrams Free-Software Development in Computer Science Education for Interface Representation in Casting Processes'Glass Machines': a Dual Approach for the Machine Tool Study; Implementation of "Research

Works Based Learning" to the Manufacturing with Material Removal's Teaching Process; Implementation of Simulation Software for Better Understanding of Manufacturing Processes; Integration of Virtual Manufacturing Laboratory of the University of Malaga; Learning Strategies for Deep-Drawing Processes in the European Higher Education Area Context

Machining Apprenticeship Based on Experimental Training

Practice Numerical Modeling of Post-Processing of Composite Materials;

Strategy Games Applied to the Teaching of Plant Engineering; Tools for

Teaching-Learning of Manufacturing Engineering Using Content

Management Platforms; Using Virtual Reality in the Teaching of

Manufacturing Processes with Material Removal in CNC Machine-Tools;

Virtual Machining Applied to the Teaching of Manufacturing

Technology; Keywords Index; Authors Index

Sommario/riassunto

This special collection, *New Frontiers in Materials Processing Learning and Training*, reports the latest developments and original applications, theoretical research and case studies in the innovative education field, as applied to Materials Processing Engineering and Technology. This work will favour the future development of new learning and training techniques in other disciplines. Review from Book News Inc.: This volume contains 16 selected papers from the eponymous symposium held in Santander, Spain, in July 2010. The papers address issues associated with education in the rapidly changing
