

1.	Record Nr.	UNISA990000268580203316
	Autore	Zichichi, Antonino
	Titolo	Subnuclear physics : the first fifty years highlights from Erice to ELN / Antonino Zichichi ; O. Barnabei, P. Pupillo, F. Roversi Monaco (eds.)
	Pubbl/distr/stampa	Bologna : University Press ; Academy of Sciences, 1998
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	Collocazione	539.7 ZIC
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2.	Record Nr.	UNINA9910787298203321
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	Soggetti	Production management - Environmental aspects Manufacturing processes - Environmental aspects
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	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references at the end of each chapters and indexes.

Green Factory Bavaria Colloquium 2014; Preface; Table of Contents; Chapter 1: Sustainable Manufacturing Strategies; Life Cycle Assessment Tool in the Early Stage of Development; Contribution for the Life Cycle Oriented Evaluation of Costs and Resource Efficiency of Production Machines in Procurement; E|Benchmark - Approaches and Methods for Assessing the Energy Efficiency of the Industrial Automated Product Manufacturing; Identification of Energy Consumption and Energy Saving Potentials of Electric Drive Systems; Energy Concepts for Manufacturing Companies; Chapter 2: Energy Measuring Systems
Energy Controlling - Analysis and Evaluation of Energy Measuring Equipment for the Purpose of Energy Transparency in Production Plants
Development of an Adjustable Measuring System for Electrical Consumptions in Production; Identifying Energy Efficiency Potentials by Applying Flexible Measuring Systems; Energy Planning of Manufacturing Systems with Methods-Energy Measurement (MEM) and Multi-Domain Simulation Approach; Estimating Machine Power Consumptions through Aggregated Measurements and Machine Data Acquisition; Chapter 3: Energy Efficient Process Technologies
Methodology to Increase Energy Efficiency in Discrete Manufacturing
Energy Efficient Manufacturing of Lightweight Products Illustrated by a Structural Optimization of an Automatic Knife Cutting System; Basic Investigation on Melting Operations in the Die Casting Industry to Increase Manufacturing Efficiency and Process Reliability; Influence of Temperature and Wavelength on Optical Behavior of Copper Alloys; Energy Efficiency Investigation on High-Pressure Convection Reflow Soldering in Electronics Production; Keywords Index; Authors Index

Collection of selected, peer reviewed papers from the 1st Green Factory Colloquium, September 30 - October 1, 2014, Nuremberg, Germany. The 15 Papers are grouped as follows: Chapter 1: Sustainable Manufacturing Strategies; Chapter 2: Energy Measuring Systems; Chapter 3: Energy Efficient Process Technologies