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Titolo	13th International Ceramics Congress : proceedings of the 13th International Ceramics Congress, part of CIMTEC 2014-13th International Ceramics Congress and 6th Forum on New Materials, June 8-13, 2014, Montecatini Terme, Italy. Part F // edited by Pietro Vincenzini, World Academy of Ceramics and National Research Council, Italy ; co-edited by Kenneth J.D. MacKenzie, Victoria University of Wellington, New Zealand, Michele Dondi, CNR-ISTEC, Italy, James P. Bennett, NETL-USDOE, USA
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Collana	Advances in science and technology, , 1662-8969 ; ; volume 92
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	13th International Ceramics Congress - Part F; Preface; Table of Contents; Chapter 1: Geopolymers and Geocements; Fabrication and Characterization of Geopolymers from Japanese Volcanic Ashes; Addition of Ammonium Molybdate in Geopolymer Formulation; Alkali-Activated Fly Ash Foams - Synthesis, Chemo-Physical Properties and Microstructure Modeling; Effect of the Reactivity of the Alkaline Solution and the Metakaolin on the Geopolymer Formation; Ceramic Waste as New Precursors for Geopolymerization; Synthesis of Inorganic Polymers Using a CaO-Al <sub>2</sub> O <sub>3</sub> -FeO-SiO <sub>2</sub> Slag Studies of Natural and Accelerated Carbonation in Metakaolin-Based Geopolymer A Taguchi Approach for the Synthesis Optimization of Metakaolin Based Geopolymers; Mechanical Performances and Corrosion Resistance of Reinforced Fly Ash Geopolymer Mortars; The

Influence of Short Fibres and Foaming Agents on the Physical and Thermal Behaviour of Geopolymer Composites; Different Treatment Application of Illite Clay for Low Temperature Ceramics; Obtaining of Lightweight Geopolymer Using Ash from Thermal Power Plants; Application of Fly Ash-Based Geopolymer for Structural Member and Repair Materials  
Durability of Fly Ash Geopolymer Mortars in Corrosive Environments, Compared to that of Cement Mortars  
Chapter 2: Science and Technology for Silicate Ceramics; Chapter 2-A - Functionalized Surfaces; Antibacterial and Self-Cleaning Coatings for Silicate Ceramics: A Review; Nanocomposite Photocatalyst Based on Layered Double Hydroxides (LDHs) Associated with TiO<sub>2</sub>; Solar Reflectance of Glazed Tiles; Chapter 2-B - Manufacturing; Development of a Semi-Wet Process for Ceramic Floor Tile Granule Production; Determination of Dry Grinding Properties of Floor Tile Wastes  
Effect of Alternative Materials Added to the Plaster Composition  
Preparation of Exfoliated Melamine Modified Mica/Polyamide-6 Nanocomposite and its Properties; Chapter 2-C - New Products and Challenges; Towards Rational Design of Porcelain Tile Glazes; New Ceramic Pigments for the Coloration of Ceramic Glazes; Design of a Cool Color Glaze for a Solar Reflective Tile; Study of the Variables that Lead to Hue Variations on Tiles Decoration Based on Silicon Cylinder Technique Laser Engraving Method; Vitrification and Sinter-Crystallization of Iron-Rich Industrial Wastes  
Development of the Alternative Whitening System for Zirconium Silicate Substitution in Porcelain Tile Bodies  
The Effect of Lithium Alumina Silicate Phases on Elastic Modulus of Porcelain Tiles; Chapter 2-D - Characterization Studies; Characterization of Silicate Ceramics Using Ultrasonics Test Method; Microstructure of Ceramic Brick Contaminated by Magnesium Sulphate; Composition and Ceramic Characteristics of Cretaceous Clays from Morocco; Study of Processing Techniques for Nepheline Syenitic Raw Material Exploitation; Chapter 3: Ceramic Refractories  
Creep Testing of Refractories at Service Related Load Levels and Application for Material Simulation

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Sommario/riassunto

Collection of selected, peer reviewed papers from the 13<sup>th</sup> International Ceramics Congress, part of CIMTEC 2014-13<sup>th</sup> International Ceramics Congress and 6<sup>th</sup> Forum on New Materials, June 8-13, 2014, Montecatini Terme, Italy. The 45 papers are grouped as follows: Chapter 1: Geopolymers and Geocements, Chapter 2: Science and Technology for Silicate Ceramics, Chapter 2-A - Functionalized Surfaces, Chapter 2-B - Manufacturing, Chapter 2-C - New Products and Challenges, Chapter 2-D - Characterization Studies, Chapter 3: Ceramic Refractories.

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2. Record Nr.	UNISA996344246703316
Autore	Haipeter Thomas
Titolo	Interessenvertretung in der Industrie 4.0 : Das gewerkschaftliche Projekt Arbeit 2020
Pubbl/distr/stampa	Nomos Verlagsgesellschaft mbH & Co. KG, 2019
Descrizione fisica	1 electronic resource (294 p.)
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The concept of 'Industry 4.0' denotes a radical technological upheaval and structural changes in employment, qualification requirements, the blurring of the boundaries between one's work and private life, personnel checks or the organisation of work. Therefore, the term relates to the core issues of collective interest representation dealt with by works councils and trade unions. German trade unions are trying to cope with these challenges by developing new approaches, among them the project 'Work 2020 in NRW', which is analysed in this book. 'Work 2020' is based on company-level workshops with consultants, works councils and employees in which maps of digitalisation are developed, new topics relating to work are defined and negotiations with management bodies are strived for. 'Work 2020' is therefore part of a broader strategy of trade union renewal, which seeks to activate works councils, increase their capacity to act and strengthen the power of unions in companies.</p>