TABLE OF CONTENT

PROJECT ICT IN EDUCATIONAL DESIGN – PROCESSES, MATERIALS, RESOURCES. INTRODUCTION 7

Eunika Baron-Polańczyk
ICT IN EDUCATIONAL DESIGN – PROCESSES, MATERIALS, RESOURCES. THEORETICAL BASES 9

Andrzej Czajkowski
REMOTE ACCESS AND VIRTUAL MEETING TOOLS AS AN INTERACTIVE AND MULTIMEDIA TECHNIQUES USED IN THE TEACHING PROCESS 37

Jiří Dostál
ICT EDUCATIONAL MATERIALS SUPPORTING THE INQUIRY-BASED LEARNING 51

Milan Ďuriš, Roman Stadtrucker
TESTING PUPILS' KNOWLEDGE THROUGH INTERACTIVE ELECTRONIC TASKS IN ELEMENTARY SCHOOLS 65

Aneta Klementowska
E-SHOCK IN EDUCATIONAL CAREER COUNCELLING – REPORT ON THE FUNCTIONALITY OF THE PROGRAM 73

Mojmír Kokles, Anita Romanová, Anna Hamranová
UTILISATION OF DATA MINING IN EDUCATION 85

Ľuboš Krišťák, Miroslav Němec, Ján Stebila, Zuzana Danihelová
INTERACTIVE METHODS INCREASING THE EFFECTIVENESS OF EDUCATION IN PHYSICS AT ENGINEERING AND TECHNOLOGY UNIVERSITIES IN THE SLOVAK REPUBLIC 113

Jan Kubrický
IMPLEMENTATION OF MODERN ICT IN TEACHER'S COMPETENCE – INPUT ANALYSIS 129

Włodzimierz Olszewski
PROCESSES OF EDUCATIONAL CHANGES AMONG SENIOR CITIZENS, RESIDENTS OF RURAL AREAS, IN THE PERIOD OF DIGITAL TRANSFORMATION 145

Justyna Patalas-Maliszewska
A MODEL OF THE CORE ICT COMPETENCIES OF TEACHERS IN THE EDUCATION PROCESS 161

Ladislav Rudolf
OPTIMIZING THE SOFTWARE OF THE TRANSMISSION NETWORK SYSTEM LINE OPERATION 171

Svatopluk Slovák
ECONOMICAL ISSUE IN EDUCATION AT PRIMARY SCHOOLS AND ICT USE 183

Ján Stebila
VERIFICATION AND APPLICATION OF THE NEW APPROACHES AND TRENDS IN TEACHING IN TECHNICAL EDUCATION. RESULTS OF RESEARCHES 193

Václav Tvarůžka
SUN OBSERVING IN CONNECTION WITH SCIENCE AND TECHNOLOGY AS A TOPIC FOR PROJECT EDUCATION 209

Ľubomír Žáčok
EDUCATING MANAGEMENT IN EDUCATION USING ICT 221

Information about Reviewers 229