## THE 21<sup>ST</sup> CONFERENCE GEOMETRY GRAPHICS COMPUTER GDAŃSK – SOPOT 2014



Jan CUDZIK, Robert JUCHNEVIC ALGORITHMIC PROGRAMMING IN EDUCATION OF ARCHITECTS Ewelina GAWELL, Anna NOWAK APERIODIC TESSELLATIONS IN SHAPING THE STRUCTURAL SURFACES IN THE CONTEMPORARY ARCHITECTURE Sławomir BOGACKI APPLICATION OF AUTOCAD'S DRAWINGS IN MODELING STRUCTURES OF AUTODESK 3DS MAX Jakub SZCZEPAŃSKI BUILT, TORN DOWN AND REBUILT 2013 THE ARCHITECTURAL HISTORY OF GDAŃSK Monika SROKA - BIZOŃ, CAN IMAGINATION BE STUDIED? Ewa TERCZYŃSKA Ewa ZARZEKA - RACZKOWSKA COMPUTER AIDED DESIGN IN EDUCATION OF CIVIL ENGINEERS Tomasz WĄSOWICZ, Paweł KARPA, COURSE IN COMPUTER- AIDED DESIGN AT THE FACULTY OF Andrzej KORYNEK ARCHITECTURE WROCŁAW UNIVERSITY OF TECHNOLOGY Peter SOKOLOV DRAWING BY SOLID EDGE, ESTONIAN EXPERIENCE IN COMPUTER **GRAPHICS** Gunter WEISS FROM THE GOLDEN RECTANGLE TO LAAN'S BOX AND MORE Antanas VANSEVICIUS GAMIFICATION IN ENGINEERING GRAPHICS Beata VOGT, Krystyna ROMANIAK GASPARD MONGE - THE RENAISSANCE MAN **GEOMETRICAL REGULARITIES IN HISTORICAL ARCHITECTURE** Anna KULIG ANALYSIS OF GOTHIC VAULTS OF GDAŃSK Jolanta TOFIL HOW TO DEFINE THE ARCHITECTURAL SPACE – PHYSICAL MODEL Piotr DUDZIK, Ewa TERCZYŃSKA, KPE PLATFORM - REALIZATION - ENGINEERING GRAPHICS TESTS Krzysztof TYTKOWSKI PART 1 Piotr DUDZIK, Ewa TERCZYŃSKA, KPE PLATFORM AS THE ANSWER TO THE CHANGES IN THE PROCESS Krzysztof TYTKOWSKI OF EDUCATING ENGINEERS LINGUISTIC AND TECHNICAL COMPARATIVE ANALYSIS OF THE Renata GÓRSKA TECHNICAL TERMS USED WITHIN THE SCOPE OF PERSPECTIVE **PROJECTION** MODELING AND VISUALIZATION OF SELECTED GEOMETRICAL Farid NASSERY ASPECTS RELATED TO REGULAR SOLIDS IN AUTOCAD, 3DS MAX AND **RHINOCEROS 3D SOFTWARE** PANTOGRAPH AS AN EXAMPLE OF THE USE OF GEOMETRIC Małgorzata TRANSFORMATIONS IN CONSTRUCTING OF OLD DRAWING ROGIŃSKA-NIESŁUCHOWSKA **INSTRUMENTS** Anna WANCŁAW PERSPECTOGRAPHS & OTHER DRAWING INSTRUMENTS Szymon FILIPOWSKI PREDICTION OF A SHAPE Marcin GÓRKO REAL LIFE'S SHADOWS Adam RUŻYCZKA SENSORY IMPRESSION, SIGNAL DETECTION AND OPTIC ILLUSION Maria HELENOWSKA - PESCHKE SOFT GEOMETRY - CHALLENGE FOR ARCHITECTURAL EDUCATION Krystyna ROMANIAK, THE GEOMETRY OF CONVERTIBLE ROOFS Anita PAWLAK – JAKUBOWSKA Sarka GERGELITSOVA, USING GEOGEBRA APPLETS FOR HOMEWORK ASSIGNMENTS Tomas HOLAN Bożena VISUALIZATION OF SPATIAL ISSUES IN ADOBE ACROBAT 3D PDF KOTARSKA - LEWANDOWSKA