

## CONTENTS

**Innovative engineering, technology and industry**

<https://www.proconference.org/index.php/usc/article/view/usc31-00-001> 3

### MATHEMATICAL MODEL OF THE SUSPENSION OF MATERIAL PARTICLES IN A VORTEX APPARATUS

*Sokolovska I.Ye., Savchenko V. Yu.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-024> 7

### BOKA-SCHLIPPE-KOLAR HYPOTHESIS APPLIED TO SIMULATING VIBRATIONS OF PLATE MATERIALS WITH INTERNAL ENERGY LOSSES

*Alekseychuk O.N.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-025> 11

### ON THE NECESSITY OF DISPOSAL AND REUSE OF LED LIGHT SOURCE MATERIALS AFTER THEIR END OF USE

*Basova Y., Baghirov S., Kyslytsia S., Guba L.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-036> 19

### INDICATORS OF TECHNOLOGICAL SUITABILITY OF THE TRACTOR'S SEPARATE AND UNIT HYDRAULIC SYSTEM DURING MAINTENANCE

*Melyantsov P.T.*

**Computer science, cybernetics and automatics**

<https://www.proconference.org/index.php/usc/article/view/usc31-00-016> 27

### METHODS OF CLASSIFICATION OF ELECTROENCEPHALOGRAM DATA FOR IDENTIFICATION OF HUMAN EMOTIONAL STATE

*Holoborodko V.S., Lyfar V.O.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-026> 31

### GENERATIVE AI FOR JUST-IN-TIME MINDFULNESS CONTENT

*Boloban O.A.*

**Development of transport and transportation systems**

<https://www.proconference.org/index.php/usc/article/view/usc31-00-022> 37

### MODELING HIGHWAY SAFETY: OPTIMAL DESIGN OF HORIZONTAL CURVES BASED ON MACHINE LEARNING

*Balashova Yu.B., Balashov A.O.*

**Education and pedagogy**

<https://www.proconference.org/index.php/usc/article/view/usc31-00-008> 143

**SPEECH ETIQUETTE FORMULAS IN UKRAINIAN BUSINESS  
COMMUNICATION: PERSPECTIVES OF FOREIGN LEARNERS**

*Borysova Z.U., Borysova V.E.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-011> 147

**PRACTICAL USE OF SINGING MANNER SYNTHESIS METHODS  
IN VOCAL WORKS**

*Viktorova M.V., Kosyak L. I.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-014> 152

**INNOVATIONS IN THE DESIGN-EDUCATIONAL SPACE**

*Romanenko N. G., Tarakhtiy L. O.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-015> 156

**KNOWLEDGE-BASED ADAPTIVE MANAGEMENT OF MODERN  
EDUCATION IN CRISIS TIMES**

*Krasniuk S.O.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-035> 164

**DEVELOPING MULTILINGUAL COMPETENCE IN STUDENTS  
OF TECHNOLOGICAL SPECIALTIES: TEACHING FRENCH  
BASED ON ENGLISH**

*Krekoten O.V.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-037> 168

**PEDAGOGICAL CONDITIONS FOR THE EFFECTIVE DEVELOPMENT  
OF FOREIGN LANGUAGE COMMUNICATIVE COMPETENCE IN NON-  
PHILOLOGICAL STUDENTS OF HIGHER EDUCATION INSTITUTIONS**

*Sergeieva V.Ye.*

**Physical education and sport**

<https://www.proconference.org/index.php/usc/article/view/usc31-00-002> 175

**CORRECTION OF THE PSYCHO-EMOTIONAL STATE OF  
STUDENTS AT THE EXPENSE OF PHYSICAL EXERCISE  
IN HIGHER EDUCATION INSTITUTIONS**

*Bondar A.A.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-005> 180

**SUPPORTING STUDENTS' PSYCHOLOGICAL WELL-BEING  
THROUGH SPORTS AND GAMES ACTIVITIES DURING  
MARTIAL LAW**

*Shkondia V.V., Rogal I. V., Chkhan A.A.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-042> 186

PHYSICAL EDUCATION AS A MANDATORY PART OF THE  
EDUCATIONAL PROCESS IN HIGHER EDUCATIONAL  
INSTITUTIONS

*Antipova Zh.I., Barsukova T.O.*

**Psychology and sociology**

<https://www.proconference.org/index.php/usc/article/view/usc31-00-012> 192

FEATURES OF ORGANIZING AN INCLUSIVE EDUCATIONAL  
PROCESS IN PRIMARY SCHOOL

*Tiulpa T. M.*

**Philosophy**

<https://www.proconference.org/index.php/usc/article/view/usc31-00-040> 197

ORTHODOXY AS A FACTOR OF UKRAINIAN CIVILIZATIONAL  
IDENTITY

*Shamsutdynova- Lebediuk T., Lischuk O.*

**Philology, linguistics and literary studies**

<https://www.proconference.org/index.php/usc/article/view/usc31-00-020> 201

LINGUISTIC FEATURES OF ENGLISH ACADEMIC DISCOURSE

*Kit N. V. / Kim H. B.*

<https://www.proconference.org/index.php/usc/article/view/usc31-00-030> 205

THE FAIRY TALE «KOLOBOK» AS A PHENOMENON OF  
UKRAINIAN FOLKLORE AND A WORK FOR CHILDREN

*Boytsun I.E.*

**Legal and political sciences**

<https://www.proconference.org/index.php/usc/article/view/usc31-00-041> 211

REGARDING THE EFFECTIVENESS OF CONSTITUTIONAL  
MECHANISMS FOR THE IMPLEMENTATION OF HUMAN  
RIGHTS IN UKRAINE

*Ozel V.I.*