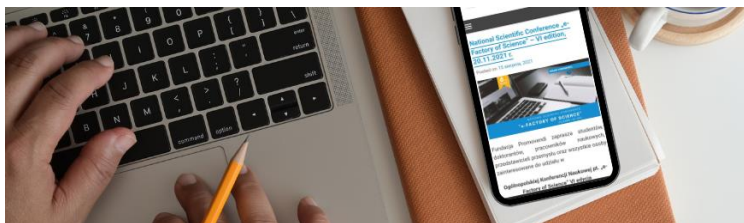


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National Scientific Conference
"e-FACTORY OF SCIENCE"
November 20, 2021

Conference Schedule

On-line Presentations

- 09:50 – 10:00 **Opening the Conference and discussing technical matters**
- 1 10:00 – 10:10 **CHOJNICKA-OLESZKO MAŁGORZATA**
(*Technology Transfer Agency Sp. z o. o.*)
THE METHOD OF DISINFECTING AIR IN AIR CONDITIONING AND VENTILATION SYSTEMS USING NANO COLLOIDAL SILVER
- 2 10:10 – 10:20 **GLĄB KAROLINA**
(*Rzeszow University Of Technology*)
SYNTHESIS AND DIFFERENT EFFECTS OF BIOTINYLATED DENDRIMER SUBSTITUTED WITH NIMESULIDE IN HUMAN NORMAL FIBROBLASTS AND SQUAMOUS CARCINOMA CELLS
- 3 10:20 – 10:30 **GODEK EWELINA**
(*Maria Curie-Skłodowska University in Lublin*)
THE INFLUENCE OF THE TYPE AND IONIC STRENGTH OF THE BACKGROUND ELECTROLYTE (NaCl AND MgCl₂) ON STABILIZATION AND FLOCCULATION OF THE COLLOIDAL SYSTEM CONTAINING CARRAGEENAN AND NANOCCLAY
- 4 10:30 – 10:40 **LITWIN ANNA**
(*University of Łódź*)
EFFECT OF PYRETHROIDS ON THE LIPOLYTIC ACTIVITY OF BEAUVERIA BASSIANA (ENG)
- 5 10:40 – 10:50 **LITWIN ANNA**
(*University of Łódź*)
BEAUVERIA BASSIANA OXIDATIVE STRESS PROTEINS INDUCED BY THE PRESENCE OF PYRETHROIDS (ENG)
- 6 10:50 – 11:00 **MARTIN ANNA**
(*Poznan University of Technology*)
DEVELOPMENT OF WOODEN FURNITURE INTEGRATED WITH HEATING DEVICE BY USING THIN-FILM TECHNOLOGY
- COFFEE BREAK**
- 7 11:20 – 11:30 **MAZUREK ANNA**
(*Medical University of Warsaw*)
POLYMORPHISM OF RITONAVIR – WHAT WE ACTUALLY KNOW? COMPUTATIONAL AND EXPERIMENTAL ANALYSIS
- 8 11:30 – 11:40 **NALEPA MATEUSZ**
(*Jagiellonian University Medical Collage*)
HISTORY AND OVERVIEW OF ANTIPSYCHOTIC DRUGS
- 9 11:40 – 11:50 **NIECIECKA WERONIKA**
(*SWPS University of Social Sciences and Humanities*)
REWARD SYSTEM IN PSYCHOPATHY

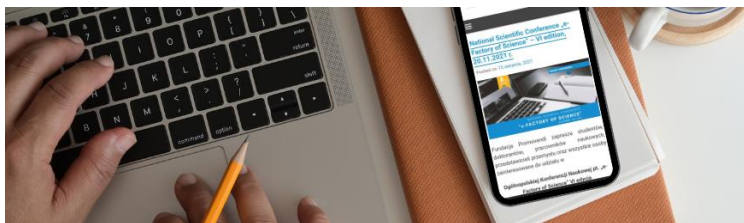


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- 10 11:50 – 12:00 **ZAWADZIŃSKA KAROLINA**
(*Cracow University of Technology*)
APPLICATION OF THE MOLECULAR ELECTRON DENSITY THEORY TO DESCRIBE THE REACTIVITY OF NITRILE N-OXIDES AND SELECTIVITY OF THEIR REACTIONS WITH SELECTED PI-DEFICIENT UNSATURATED COMPONENTS (ENG)
- 11 12:00 – 12:10 **ZIELINSKA NICOL**
(*Medical University of Lodz*)
THE CLINICAL SIGNIFICANCE OF A PREVIOUSLY UNDESCRIBED ACCESSORY SUBSCAPULARIS MUSCLE

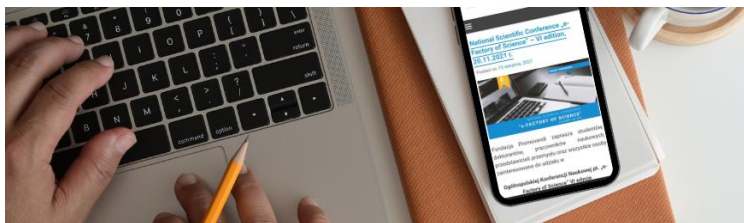
Presentations

- 1 **BORKOWSKA IZABELA**
(*Maria Curie-Skłodowska University*)
EXPLORING THE EPIPHYTIC AND ENDOPHYTIC BACTERIAL COMMUNITIES OF SEEDS OF DIANTHUS CARTHUSIANORUM GROWING ON METAL POLLUTED AND UNPOLLUTED SOILS
- 2 **BUDEK MARLENA**
(*Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń*)
THE IMPORTANCE OF LEPTIN IN CARCINOGENESIS
- 3 **BUDEK MARLENA**
(*Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń*)
NEUROENDOCRINE TUMORS – SYMPTOMS, DIAGNOSIS AND TREATMENT OF CARCINOID TUMORS
- 4 **CZARNECKA ELŻBIETA**
(*Nicolaus Copernicus University in Toruń; Plastica Sp. z o.o.*)
SYNTHESIS AND CHARACTERIZATION SUPERABSORBENT POLYMERS MADE OF STARCH, ACRYLIC ACID, ACRYLAMIDE, POLY(VINYL ALCOHOL), 2-HYDROXYETHYL METHACRYLATE, 2-ACRYLAMIDO-2-METHYLPROPANE SULFONIC ACID (ENG)
- 5 **DRÓZDŹ AGATA**
(*Jan Kochanowski University of Kielce*)
INTERPERSONAL DIFFICULTIES IN PEOPLE WITH CLUSTER A PERSONALITY DISORDERS
- 6 **GUZIAK ALBERT**
(*University Of Warsaw*)
ATTITUDE OF THE VISEGRAD GROUP COUNTRIES TOWARDS EUROPEAN INTEGRATION
- 7 **HEBA MONIKA**
(*Silesian University of Technology*)
INFLUENCE OF IONIC LIQUID ADDITION ON THE RACEMIZATION OF SECONDARY ALCOHOLS
- 8 **IGNACZAK ANNA**
(*Warsaw University of Life Sciences*)
EFFECT OF PRE-TREATMENT AND DRYING PARAMETERS ON PROPERTIES OF DRIED CARROT SNACKS
- 9 **JANKOWSKA KATARZYNA**
(*Poznan University of Technology*)
IMMOBILIZED LACCASE IN REMOVAL OF DYES FROM AQUEOUS SOLUTIONS (ENG)
- 10 **KRZEMIŃSKA BARBARA**
(*Medical University of Lublin*)
MDA (MALONDIALDEHYDE) CONCENTRATION AS AN INDICATOR OF LIPID PEROXIDATION IN LEAVES OF SELECTED COTONEASTER SPECIES



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- 11 **LANGER ALAN**
(*The Jerzy Kukuczka Academy of Physical Education in Katowice*)
EVALUATION OF THE RELIABILITY OF THE RULER DROP TEST PERFORMED BY MIXED MARTIAL ARTS FIGHTERS IN IMMERSIVE VIRTUAL REALITY (ENG)
- 12 **LEDA AMANDA**
(*Poznań University of Technology*)
HYBRID CONDUCTIVE MATERIALS BASED ON LIGNOSULFONATES AND NANO-PARTICLES OF NOBLE METALS WITH INCREASED ELECTROCATALYTIC PROPERTIES (ENG)
- 13 **LEWANDOWSKI ROBERT**
(*Nicolaus Copernicus University in Toruń*)
WORK AS A VOLUE IN HUMAN LIFE
- 14 **LISIECKA NATALIA**
(*Poznan University of Technology*)
ASSESSMENT OF MOBILITY AND ECOTOXICITY OF SELECTED HERBICIDAL IONIC LIQUIDS IN SOILS (ENG)
- 15 **ŁOCHOWICZ ALEKSANDRA**
(*Silesian University of Technology*)
MULTI-ENZYMATIC CASCADE FROM IMMOBILIZED ENZYMES
- 16 **POLECHOŃSKI JACEK**
(*The Jerzy Kukuczka Academy of Physical Education in Katowice*)
CONTENT VALIDITY OF THE PROPOSED MOTOR COORDINATION TESTS TO BE IMPLEMENTED IN IMMERSIVE VIRTUAL REALITY (ENG)
- 17 **POPANDA BARBARA**
(*AGH University of Science and Technology*)
HYBRID GLASSES DOPED WITH METAL PHTHALOCYANINE – INFLUENCE OF SOL-GEL CONDITION ON STABILITY OF LUMINOPHORE IN THE GLASS MATRIX
- 18 **RĘKAS FILIP**
(*Rzeszów University of Technology*)
MODELING OF POLYADDITION PROCESS IN THE SYSTEM OF ONE MONOFUNCTIONAL AND TWO DIFUNCTIONAL MONOMERS USING MONTE CARLO METHOD
- 19 **RUSZKIEWICZ JULIA**
(*Nicolaus Copernicus University In Toruń Ludwik Rydygier Collegium Medicum in Bydgoszcz*)
VITAMIN D IN THE DAILY CLINICAL PRACTICE
- 20 **STRADOMSKA DOMINIKA**
(*Silesian University of Technology*)
APPLICATION OF A BASKET FIXED BED REACTOR FOR HETEROGENEOUS PROCESSES
- 21 **SYSKA ERNEST**
(*VEO Sp z o.o.*)
VEO WEATHER ROUTING - AN INNOVATIVE ALGORITHM FOR CALCULATING ROUTES BASED ON WEATHER, MAP AND POLAR PLOTS OF YACHTS (ENG)
- 22 **ZACHWATOWICZ WALERIA**
(*University of Warmia and Mazury in Olsztyn*)
DEPRESSION AS A XXI CENTURY DISEASE
- 23 **ZACHWATOWICZ WALERIA**
(*University of Warmia and Mazury in Olsztyn*)
CAUSES AND CONSEQUENCES OF CHRONIC STRESS



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- 24 **ZIÓŁKOWSKA EWA**
(Bydgoszcz University of Science and Technology)
EFFECT OF CHITOSAN ON BIOCHEMICAL BLOOD PARAMETERS AND INTESTINE MORPHOMETRIC PARAMETERS OF COMMON CARP (CYPRINUS CARPIO L.)

Posters

- 1 **BARCZAK BEATA**
(Gdansk University of Technology, Gdansk,)
ACTIVATED BIOCHAR AS AN ADSORBENT OF ORGANIC POLLUTANTS FOR WATER AND WASTEWATER TREATMENT (ENG)
- 2 **BIERCZYŃSKI KAROL**
(Opole University of Technology)
CONVOLUTIONAL NEURAL NETWORKS
- 3 **BIESZK ADAM**
(Gdynia Maritime University)
MATERIALS USED FOR THE PRODUCTION OF ELEMENTS IN 3D PRINTING TECHNOLOGY
- 4 **BŁYSZKO JAROSŁAW**
(West Pomeranian University Of Technology, Szczecin)
EFFECT OF SELECTED MINERAL ADDITIVES ON THE HEAT OF HYDRATION OF CONCRETE UNDER ADIABATIC CONDITIONS
- 5 **BRANCEWICZ-STEINMETZ EMILA**
(Lodz University of Technolog)
COMBINING MATERIALS IN 3D PRINTING: INFLUENCE OF 3D PRINTING PARAMETERS ON ADHESION BETWEEN TWO DIFFERENT POLYMERS: PLA AND TPU
- 6 **CZAJA MARTA**
(Gdynia Maritime University)
POSSIBILITIES OF APPLYING THE WELDING ROBOT TM-1400 GIII TO REGENERATE THE VALVE STEMS OF MARINE ENGINES
- 7 **DARZNIK DARIA**
(Gdynia Maritime University)
ANALYSIS OF THE POSSIBILITY OF REPAIR AND REGENERATION OF SHIP MACHINERY AND EQUIPMENT WITH THE USE OF COMPOSITE MATERIAL
- 8 **FENYK ANNA**
(University of Lodz)
INVESTIGATION OF RHEOLOGICAL PROPERTIES OF SELECTED MAGNETORHEOLOGICAL MATERIALS
- 9 **GIERSZEWSKA NATALIA**
(West Pomeranian University of Technology in Szczecin)
3D PRINTING WITH MIXES WITH HIGH-ALUMINA CEMENTS – STATE OF ART (ENG)
- 10 **GOLBA KRZYSZTOF**
(University Of Rzeszow)
THE INFLUENCE OF FUNCTIONAL ADDITIVES ON THE QUALITY OF SORBETS
- 11 **KALAMAGA AGNIESZKA**
(West Pomeranian University of Technology in Szczecin)
TEXTURAL AND SORPTION PROPERTIES OF ACTIVATED CARBONS PRODUCED FROM SCOTCH PINE AND COMMON OAK BY PHYSICAL ACTIVATION (ENG)
- 12 **MACIEJCZYK NATALIA**
(Maria Curie-Skłodowska University)
THE TORTOISESHELLS AND THEIR REDNESS GENE



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- 13 **MIKULEC ANNA**
(*State University of Applied Sciences in Nowy Sacz,*)
THE IMPACT OF RESIDENCE ON DIETARY HABITS OF STUDENTS OF STATE UNIVERSITY OF APPLIED SCIENCES IN NOWY SACZ DURING PANDEMIC COVID-19
- 14 **POCIECHA KRZYSZTOF**
(*Jagiellonian University Medical College*)
PHARMACOLOGICAL EFFICACY AND PHARMACOKINETIC OF PDE4/7 INHIBITORS IN MICE WITH EXPERIMENTAL SEPSIS
- 15 **ROMANOWSKA-JONIO SYLWIA**
(*University in Białystok*)
POST-COVID TRANSFORMATIONS IN COMMUNICATION AND EDUCATION
- 16 **STEFANIK EWA**
(*University of Wrocław*)
IDENTIFICATION AND ANALYSIS OF THE CONTENT OF MICROVESICLES SECRETED TO THE EXTRACELLULAR SPACE BY FIBROBLASTS IN THE CONTEXT OF REGULATION OF PHYSIOLOGICAL ROLE OF FBP2 IN THE HEART
- 17 **UCIURKIEWICZ JAKUB**
(*West Pomeranian University of Technology in Szczecin*)
3D PRINTING WITH MIXES WITH HIGH-ALUMINA CEMENTS (ENG)
- 18 **ZAROŚLAK SYLWIA**
(*The Maria Grzegorzewska University*)
ACTIVATION – NOT A JOKE. DO IT! ACTIVATION METHODS IN WORK WITH PRESCHOOL CHILDREN