



Conference Schedule

HUMANITIES SCIENCES SESSION

On-line Presentations

- 09:50 – 10:00 **Opening the Session and discussing technical matters**
- 1 10:00 – 10:10 **SZYMON CHLEBOWICZ, MICHAŁ SZEWCZYK**
(*SGH Warsaw School of Economics and University of Warsaw*)
CSR ANALYSIS OF GPW BEST PRACTISE REPORTS OF POLISH COMPANIES FROM THE GAME DEVELOPMENT SECTOR
- 2 10:10 – 10:20 **DAWID MAKOWSKI, DOMINIKA SZTEJTER**
(*University of Warmia and Mazury in Olsztyn*)
THE RELATIONSHIP BETWEEN ASSERTIVENESS AND SELECTED PSYCHOLOGICAL AND SOCIO-DEMOGRAPHIC TRAITS
- 3 10:20 – 10:30 **WERONIKA STAWIŃSKA-ARTECKA**
(*Cardinal Stefan Wyszyński University in Warsaw*)
HOW THE CRIMINAL LAW RESPONDS TO THE NEEDS OF SOCIETY? (ENG)
- 4 10:30 – 10:40 **ADRIAN SZATKIEWICZ**
(*University of Warsaw*)
THE FICTION OF LIMITATION OF TAX ARREARS IN POLISH LAW

Presentations

- 1 **MAŁGORZATA CZARNECKA**
(*Adam Mickiewicz University in Poznań*)
SURVEYING ARCHIVES' USERS IN THE AGE OF AN INFORMATION SOCIETY
- 2 **BEATA DUTHEL**
(*Alcide De Gasperi University of Euroregional Economy in Józefów*)
THE PHENOMENON OF INHERITANCE OF POVERTY AND THE PROBLEM OF SOCIAL EXCLUSION AMONG CHILDREN AND YOUTH
- 3 **ANNA URSZULA KORDAS**
(*University of Warsaw*)
DISCOVERY OF THE REMAINS OF AN UNKNOWN TEMPLE IN CYPRUS
- 4 **PAULINA PENDZIWIATR**
(*Jagiellonian University*)
DIRECTIONS OF INFLUENCE OF INCOME INEQUALITIES ON THE QUALITY OF LIFE OF INHABITANTS OF THE VISEGRAD GROUP COUNTRIES
- 5 **ALEKSANDRA SADOWSKA**
(*University of Rzeszów*)
THE ROLE OF POLICE DOGS IN ENSURING STATE SECURITY
- 6 **DAMIAN SKOWRON**
(*Cardinal Stefan Wyszyński University*)
CRIMINAL LIABILITY FOR HATE ON THE INTERNET
- 7 **PAULINA STORSKA**
(*Nest Bank*)
CHARACTERISTICS OF PATHOLOGICAL BEHAVIORS AMONG CHILDREN AND SCHOOL YOUTH
- 8 **LEON TABOR**
(*Pedagogical University of the National Education Commission in Kraków*)
THE CULTURE OF CONSUMPTION AND DESIGN: BRANDS AND IDENTITY



- 9 **ALICJA TERELAK**
(*Nicolaus Copernicus University*)
FACE NETWORK: ANALYSIS OF CORTICAL AREAS INVOLVED IN HUMAN FACE PROCESSING
FACE NETWORK: ANALYSIS OF CORTICAL AREAS INVOLVED IN HUMAN FACE PROCESSING (ENG)
- 10 **ALICJA TERELAK**
(*Nicolaus Copernicus University*)
ALTRUISM AND COOPERATION – A NEUROBIOLOGICAL PERSPECTIVE (ENG)
- 11 **AGNIESZKA TYCZKA-NOWAK**
(*Adam Mickiewicz University in Poznań*)
NEURODIVERSITY. FIVE BRAIN TYPES WITH A SPECIAL FOCUS ON THE EXTREME TYPE S BRAIN (ENG)
- 12 **GABRIELA WOJTYNIAK**
(*Wrocław University of Economics and Business*)
POPULARITY OF RETAIL BANKING DISTRIBUTION CHANNELS IN Q4 2022

Posters

- 1 **MARTYNA KOSTRZEWSKA**
(*University of Szczecin*)
HOW TO FIND AN EMPLOYEE FROM THE YOUNG GENERATION IN SOCIAL MEDIA?
- 2 **MATEUSZ KREKORA**
(*Cracow University of Economics*)
COMPREHENSIVE SOCIAL SECURITY AND BENEFIT SYSTEM IN FINLAND
- 3 **ALEKSANDRA SAWICKA**
(*The Maria Grzegorzewska University*)
SYMPTOMS OF AUTISM VS ABNORMAL SPEECH DEVELOPMENT
- 4 **BARBARA SITKO**
(*The Pontifical University of John Paul II in Krakow*)
CREATIVITY IN SOCIAL CAMPAIGNS ON THE EXAMPLE OF SELECTED MESSAGES IN THE AREA OF ANIMAL PROTECTION (ENG)
- 5 **KLAUDIA ŚWIĘŚ**
(*Jagiellonian University*)
DEMENTIA IN SPEECH THERAPY
- 6 **DARIA WRUKOWSKA**
(*University of Szczecin*)
ECONOMIC SITUATION AND HOUSING FOR THE ELDERLY
- 7 **SARA PARTYKA**
(*Cracow University of Economics*)
POPULARITY OF THE FINTECH SECTOR AND CUSTOMER TRUST IN BANKING INSTITUTIONS (ENG)

MEDICAL SCIENCES SESSION

On-line Presentations

- 10:50 – 11:00 **Opening the Session and discussing technical matters**
- 1 11:00 – 11:10 **KINGA BIEDRZYCKA**
(*Poznan University of Technology*)
RHEOLOGY AND THERMAL ANALYSIS FOR EXTRUSION APPLICATIONS IN DRUG DELIVERY



- 2 11:10 – 11:20 **KINGA BIEDRZYCKA**
(Poznan University of Technology)
COGNITIVE AUTOMATION PLATFORM FOR BIG DATA ANALYSIS IN PHARMACEUTICAL INDUSTRY
- 3 11:20 – 11:30 **JAKUB SADOWSKI**
(University of Opole)
VR METHODS IN MODERN TECHNOLOGY AND MEDICAL EDUCATION

Presentations

- 1 **ALEKSANDRA ANTOSZEK**
(Medical University of Lublin)
SIGNIFICANCE AND DIAGNOSIS OF FETOMATERNAL HEMORRHAGE
- 2 **ALEKSANDRA BOJDA**
(University of Warmia nad Mazury in Olsztyn)
FUNDAMENTALS OF FLUID THERAPY IN VETERINARY MEDICINE
- 3 **DOMINIK DROBEK**
(Medical University of Lublin)
CHRONIC STRESS AND HEALTH: THE UNSEEN PERIL OF THE MODERN ERA
- 4 **DOMINIK DROBEK**
(Medical University of Lublin)
EXPLORING THE INTERPLAY BETWEEN GUT MICROBIOTA AND NEUROLOGICAL DISORDERS
- 5 **ALEKSANDRA LODA**
(Poznan University of Medical Sciences)
THE STRUCTURE, TRANSMISSION AND CLINICAL MANIFESTATIONS OF HEPATITIS B AND C VIRUSES
- 6 **ALEKSANDRA LODA**
(Poznan University of Medical Sciences)
MYASTHENIA GRAVIS: CLINICAL MANIFESTATIONS, CLASSIFICATION, AND TREATMENT
- 7 **JOANNA LODA**
(Poznan University of Medical Sciences)
CLINICAL COURSE AND MANAGEMENT OF PULMONARY EMBOLISM
- 8 **JOANNA LODA**
(Poznan University of Medical Sciences)
ECG FINDINGS IN ELECTROLYTE IMBALANCE
- 9 **KINGA MOCEK**
(University of Warmia and Mazury in Olsztyn)
QUALITY OF LIFE
- 10 **KINGA MOCEK**
(University of Warmia and Mazury in Olsztyn)
EXTRUDED FOOD
- 11 **MICHAŁ PELCZARSKI**
(Opole University)
FEMOROACETABULAR IMPINGEMENT – ETIOLOGY, DIAGNOSTICS, TREATMENT. REVIEW OF THE LITERATURE
- 12 **MICHAŁ RYCHARSKI**
(Warsaw Medical University named Tadeusz Koźluk)
THE ROLE OF AKKERMANSIA MUCINIPHILA IN THE DEVELOPMENT OF OBESITY
- 13 **MICHAŁ RYCHARSKI**
(Warsaw Medical University named Tadeusz Koźluk)
LOW-FODMAP DIET IN IRRITABLE BOWEL SYNDROME (IBS)



- 14 **MICHAŁ SIKORSKI**
(Opole University)
HYPOPLASTIC LEFT HEART SYNDROME – ETIOLOGY AND TREATMENT.
- 15 **NATALIA WILCZEK**
(Medical University of Lublin)
PSYCHOBOTICS AS THE POTENTIAL THERAPEUTIC OPTION IN DEPRESSION.
- 16 **NATALIA WILCZEK**
(Medical University of Lublin)
MIGRATION AS THE POTENTIAL RISK FACTOR OF THE SPREAD OF TUBERCULOSIS IN THE FACE OF WAR
- 17 **JULIA WOŻNA**
(Poznan University of Medical Sciences)
ESSENTIALS OF DERMATOSCOPY IN EVERY DOCTOR'S PRACTICE. A THREE-POINT CHECKLIST

Posters

- 1 **KAROLINA DOBROWOLSKA-ZRAŁKA**
(Wroclaw Medical University)
THE LEGITIMACY AND SAFETY OF USING A KETOGENIC DIET IN CANCER
- 2 **JUSTYNA DZIEDZIC**
(University of Maria Curie Skłodowska in Lublin)
CANCER STEM CELLS
- 3 **KATARZYNA GDULA**
(Maria Curie-Skłodowska University)
THE ROLE OF THE HUMAN GUT MICROBIOME AND ITS IMPACT ON THE NERVOUS SYSTEM.
- 4 **EWELINA JAŁONICKA**
(Collegium Medicum of the Cardinal Stefan Wyszyński University in Warsaw)
THE AMBIVALENT ROLE OF MINI – III RNASE – RNA BINDING AND CLEAVAGE (ENG)
- 5 **EWELINA JAŁONICKA**
(Collegium Medicum of the Cardinal Stefan Wyszyński University in Warsaw)
ESTRIOL AS A POTENTIAL WAY OF NEUROPROTECTION IN MULTIPLE SCLEROSIS (ENG)
- 6 **MAGDALENA JANCZURA**
(Synteza Sp. z o.o.)
FIXED-DOSE COMBINATIONS DRUGS WITH NSAIDS AND SPASMOLYTICS (ENG)
- 7 **ADA KACZMAREK**
(Poznan University of Medical Sciences)
LUMATEPERONE IN THE TREATMENT OF PSYCHIATRIC DISORDERS – A REVIEW OF THE LITERATURE (ENG)
- 8 **PATRYCJA KOSIDŁO**
(Wroclaw Medical Univeristy)
PHOTODYNAMIC THERAPY AGAINST NON-CANDIDA ALBICANS CANDIDA STRAINS (ENG)
- 9 **KATARZYNA KOSZARSKA**
(The University of Rzeszów)
MYASTHENIA GRAVIS – NEW TREATMENT OPPORTUNITIES
- 10 **BARTOSZ ARTUR KUCHARSKI**
(Maria Curie-Skłodowska University)
MOLECULAR DETERMINANTS OF CANCER CELL MIGRATION USING GLIOBLASTOMA MULTIFORME AS AN EXAMPLE.
- 11 **MARTYNA LEŁONKIEWICZ**
(Wroclaw Medical Univeristy)
ACTIVITY OF B3 LIPOPEPTIDE AGAINST PSEUDOMONAS AERUGINOSA (ENG)



- 12 **KAROLINA SUROWIEC**
(*Maria Curie Skłodowska University in Lublin*)
APOPTOSIS AND AUTOPHAGY AS TARGETS OF ANTICANCER THERAPY
- 13 **WIKTORIA PACZOS**
(*Wrocław Medical University*)
POTENTIAL POSSIBILITIES AND DANGERS OF CHAT GPT IN MEDICINE – A REVIEW
- 14 **WIKTORIA PACZOS**
(*Wrocław Medical University*)
CONNECTION BETWEEN CHILD OBESITY AND SCREEN TIME – A REVIEW

TECHNICAL AND NATURAL SCIENCES SESSION

On-line Presentations

- 09:50 – 10:00 **Opening the Session and discussing technical matters**
- 1 10:00 – 10:10 **KRZYSZTOF ANDRUCH**
(*University of Rzeszów*)
APPLICATION OF SELECTED FORECASTING METHODS TO FORECAST FUTURE SOCIAL BENEFITS IN POLAND
- 2 10:10 – 10:20 **DOMINIKA MOSKAL**
(*Jagiellonian University*)
THE NEURAL BASIS OF FREE WILL
- 3 10:20 – 10:30 **JOANNA SKONIECZNA-KURPIEL**
(*Wrocław University of Environmental and Life Sciences*)
STENT IMPLANTATION AS A TREATMENT FOR URETHRAL STRICTURE IN COMPANION ANIMALS
- 4 10:30 – 10:40 **KATARZYNA WYBRZAK**
(*Lodz University of Technology*)
MULTI-MATERIAL HAND PROSTHESIS PRINTING IN FFF TECHNOLOGY
- 5 10:40 – 10:50 **ANDRZEJ ZAKRECKI**
(*AGH University of Science and Technology; Mediprintic sp. z o.o.*)
DEVELOPMENT OF POPULATION PATTERNS IN ORDER TO CREATE A SERIES TYPES OF ORTHOSES MADE BY 3D PRINTING

Presentations

- 1 **AGATA BURSKA**
(*University of Warmia and Mazury in Olsztyn*)
PERSISTENT DECIDUOUS TEETH IN DOGS
- 2 **AGATA BURSKA**
(*University of Warmia and Mazury in Olsztyn*)
STREPTOCOCCUS EQUI SUBSP. EQUI INFECTION IN HORSES
- 3 **AGATA BURSKA**
(*University of Warmia and Mazury in Olsztyn*)
DOG NUTRITION
- 4 **ŁUCJA IGNAC**
(*Rzeszów University of Technology*)
THE USE OF THE UNIAXIAL TENSILE TEST IN THE TESTS OF STRESSES AND DEFORMATIONS OF JOINTS MADE ON ALUMINUM ALLOYS AND MAGNESIUM ALLOY – ANALYSIS OF USE IN THE AVIATION INDUSTRY



- 5 **NATALIA JASZEK**
(*Maria Curie-Skłodowskiej University in Lublin*)
THE APPLICATION OF BIOTECHNOLOGY IN POTENTIAL SPACE EXPLORATION
- 6 **MACIEJ LIS**
(*Cracow University of Technology*)
CERN – THE MOST IMPORTANT PHYSICS LABORATORY IN EUROPE
- 7 **SZYMON MOCEK**
(*University of Warmia and Mazury in Olsztyn*)
CYBERSECURITY
- 8 **SZYMON MOCEK**
(*University of Warmia and Mazury in Olsztyn*)
PROTECTION OF POLAND'S SEA AND LAND BORDER
- 9 **WIKTORIA WITKOWICZ**
(*University of Science and Technology Kraków*)
DIMETHYL ETHER AS AN ALTERNATIVE FUEL FOR DIESEL ENGINES

Posters

- 1 **KRZYSZTOF ANDRUCH**
(*University of Rzeszów*)
METHODS FOR LOCATING AND CALCULATING POLYNOMIAL ZEROS
- 2 **ANNA MAŁGORZATA CIACIUCH**
(*Bydgoszcz University of Science and Technology*)
NUTRIENTS IN OIL CAKES
- 3 **MATEUSZ DYLAŁ (1, 2)**
(*(1) Cracow University of Technology, (2) ATMAT Sp. z o.o.*)
METHODS OF OBTAINING AN INSULATED HIGH-TEMPERATURE WORKING CHAMBER USING 3D PRINTING
- 4 **KLAUDIA WIKTORIA JAKUBOWSKA**
(*University of Warmia and Mazury in Olsztyn*)
DECOMPOSITION OF PCV UNDER THE INFLUENCE OF UV RADIATION IN THE WATER ENVIRONMENT
- 5 **KONRAD JAWOR**
(*R&D Green Cell, CSG S.A.*)
WORK RELATED TO THE DEVELOPMENT OF A NEXT-GENERATION POWER BANK (ENG)
- 6 **OSKAR KAMIŃSKI**
(*Adam Mickiewicz University in Poznań*)
INDUCTION OF CALLOGENESIS IN SALIX CINEREA X SALIX VIMINALIS HYBRID USING FLORAL AXIS
- 7 **JAKUB KOCIOLEK**
(*Warsaw University of Technology*)
ENERGY TECHNOLOGY AS AN IMPORTANT PILLAR OF POLISH DEVELOPMENT: POWER GENERATING AND ENERGY MANAGEMENT
- 8 **AGNIESZKA KORNEK**
(*PAARI Sp. z o.o.*)
RECOGNITION OF UIC WAGON NUMBERS ON RAILWAYS WAGONS WITH INTELLIGENT IMAGE RECOGNITION
- 9 **MAJA ŁAZUCHIEWICZ**
(*Jagiellonian University*)
POWER OF MACROCYCLE COMPOUNDS: SYNTHESIS AND THEIR PHENOMENAL ROLE IN DRUG DISCOVERY



- 10 **NATALIA MACIEJCZYK**
(*Maria Curie-Skłodowska University in Lublin*)
NANOTECHNOLOGY IN CANCER THERAPY
- 11 **PATRYCJA MICHALIK**
(*Wroclaw University of Economics and Business*)
ROWANBERRY FRUIT NECTARS – RECIPE DEVELOPMENT AND ASSESSMENT OF PHYSICOCHEMICAL PARAMETERS
- 12 **DOROTA PROTASEWICZ**
(*Getsales llc*)
APPLYING ANTIBIOTIC THERAPY TO REDUCE LOSSES OF EUPHYLLIA GLABRESCENS CULTURE IN AQUARIUM TANKS
- 13 **PAULINA RUDZIK**
(*Nicolaus Copernicus University*)
SYNTHESIS OF COPPER(I) NITRIDE USING HEXAMETHYLENETETRAMINE AND OLEYLAMINE
- 14 **ANETA TOMCZYK-KONAT**
(*Fruktus Agros Nova Sp. z o.o. Sp.k.*)
DEVELOPMENT OF A RECIPE FOR READY-TO-EAT DISHES AS FUNCTIONAL FOOD, DEDICATED TO SELECTED CONSUMER GROUPS, PRESERVED USING AN INNOVATIVE PASCALIZATION METHOD
- 15 **JULIA TOPOREK**
(*Jagiellonian University in Krakow*)
PERMANENT TATTOOS & MACROPHAGES – EXPLORING THE INTERCONNECTION (ENG)
- 16 **JULIA TOPOREK**
(*Jagiellonian University in Krakow*)
THE RED QUEEN HYPOTHESIS – (CO)EVOLUTIONARY ARMS RACE (ENG)