



Conference Schedule

On-line Presentations

- 1 10:00 - 10:15 **Damian Dyńka** (*Siedlce University of Natural Sciences and Humanities*)
HEALTH THREATS POSED BY MODERN FOOD
- 2 10:15 - 10:30 **Damian Dyńka** (*Siedlce University of Natural Sciences and Humanities*)
THE USE OF ECHINACEA PURPUREA IN DIETETICS AND MEDICINE
- 3 10:30 - 10:45 **Justyna Olesiak** (*Cracow University of Technology*)
ASSESSMENT OF SPATIAL AND FUNCTIONAL POTENTIAL OF STARA SANDECJA AREA IN NOWY SĄCZ
- 4 10:45 - 11:00 **Mateusz Roman** (*University of Information Technology and Management in Rzeszow*)
APPLICATION OF INNOVATIVE TECHNOLOGIES IN THE CONTEXT OF WAREHOUSE PROCESS EFFICIENCY

Humanities Sciences Posters

- 1 **Rachela Antosz-Rekucka** (*Jagiellonian University*)
THE FUNCTIONS OF THE MEMBERSHIP IN THE PRO ANA COMMUNITY – A CASE STUDY
- 2 **Natalia Jeżewska** (*University of Silesia in Katowice*)
CREATIVE INTERCULTURAL EDUCATION TRANSLATED INTO VISUAL ARTS AND THEATER
- 3 **Maria Elżbieta Krzemińska-Cieśla** (*University of Szczecin*)
INTERDISCIPLINARITY OF WORK (ENG)
- 4 **Barbara Sitko** (*Pontifical University of John Paul II in Krakow*)
SOCIAL CAMPAIGNS AS A COMMUNICATION TOOL OF PRO-ANIMAL ORGANIZATIONS (ENG)
- 5 **Sonia Szczepanik** (*University of Economics in Katowice*)
DEADLY INNOVATION OF BOEING 737 MAX 8

Humanities Sciences Presentations

- 1 **Daniel Dzedzic** (*Siedlce University of Natural Sciences and Humanities*)
SOCIAL AND LEGAL ASPECTS OF THE FUNCTIONING OF THE NATIONAL SECURITY THREATS MAP
- 2 **Natalia Jeżewska** (*University of Silesia in Katowice*)
WHAT IS YOUR MOTIVATION TO STUDY?
- 3 **Norbert Kawęcki** (*Maria Curie-Skłodowska University*)
OUTSOURCING THEORIES (ENG)
- 4 **Radosław Kondracki** (*Siedlce University of Natural Sciences and Humanities*)
PRO-DEFENSE EDUCATION IN THE SYSTEM OF STRENGTHENING STATE SECURITY
- 5 **Maria Elżbieta Krzemińska-Cieśla** (*University of Szczecin*)
THE IMPORTANCE OF WORK IN HUMAN LIFE (ENG)
- 6 **Mikołaj Maj** (*Adam Mickiewicz University in Poznań*)
COMPARASION OF THE LINGUISTIC COMPETENCE BY NOAM CHOMSKY AND COMUNICATIVE COMPETENCE BY DELL HATHAWAY HYMES
- 7 **Klaudia Młoda-Brylewska** (*Poznań University of Economics and Business*)
PERCEPTION OF PRIVATE LABELS BY CONSUMERS
- 8 **Oliwia Mojeszczyk** (*Cavalry Captain Witold Pilecki State University of Malopolska in Oświęcim*)
UPBRINGING ATTITUDES APPLIED TO CHILDREN
- 9 **Daria Pańka** (*University of Warsaw*)
THE NEWEST ENGLISH LOANWORDS AND THEIR DERIVATIVES USED ON FACEBOOK BY POLISH USERS (ENG)
- 10 **Przemysław Mirosław Pazder** (*Pomeranian Academy in Slupsk*)
POLISH AUTONOMY IN THE USSR
- 11 **Przemysław Mirosław Pazder** (*Pomeranian Academy in Slupsk*)
POLAND'S COOPERATION WITH OTHER COUNTRIES IN ORDER TO JOIN NATO AND INITIATE POLAND-NATO RELATIONS
- 12 **Przemysław Mirosław Pazder** (*Pomeranian Academy in Slupsk*)
OUTLINE OF POLISH-SOVIET RELATIONS IN THE YEARS 1921-1939



- 13 **Natalia Ubik** (*Cavalry Captain Witold Pilecki State University of Malopolska in Oświęcim*)
DIFFICULTIES IN LEARNING AMONG EARLY YEARS CHILDREN AND METHODS OF OVERCOMING THESE OBSTACLES BASED ON PARENTS' OPINIONS OF CHILDREN YEARS I-III IN PRIMARY SCHOOL (AGE OF CHILDREN: 7-10)
- 14 **Agnieszka Jolanta Urniaż** (*University of Wrocław*)
GEOGRAPHICAL NAMES IN THE SYSTEMATIC BOTANICAL NAMES – A POLYCONFRONTATIVE STUDY OF PHYTONYMS (IN DUTCH, ENGLISH, POLISH AND CZECH)

Medical Sciences Posters

- 1 **Klaudia Bonowicz** (*Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
THE USE OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TO ASSESS THE EFFECT OF CARBOPLATIN AND CISPLATIN ON THE VIABILITY OF AMNIOTIC FLUID STEM CELLS (AFSC)
- 2 **Dawid Konwant** (*Medical University of Silesia*)
THE ANALYSIS OF MORBIDITY SUITABLE IN CASE OF LYMPHOID LEUKAEMIA WITHIN YOUNG CHILDREN AND TEENAGERS IN THE YEARS 2000-2017 BASED ON NATIONAL CANCER REGISTRATION
- 3 **Janina Rzeszot**
RA IN THE FALL OF COVID-19 THROUGH THE EYES OF A PHYSIOTHERAPIST (ENG)

Medical Sciences Presentations

- 1 **Marlena Budek** (*Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
THE ROLE OF SOMATOSTATIN IN THE DIAGNOSIS AND TREATMENT OF GASTRO-ENTERO-PANCREATIC NEUROENDOCRINE TUMORS
- 2 **Marlena Budek** (*Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
SELECTED CYTOKINES AS NEUROENDOCRINE TUMOR MARKERS
- 3 **Weronika Gralak** (*Poznań University of Economics and Business*)
VERSATILE USE OF HYALURONIC ACID
- 4 **Justyna Jandernal** (*Department of Clinical Oncology, Regional Specialist Hospital Dr. Władysław Biegański in Grudziądz*)
ADJUVANT TREATMENT OF COLORECTAL CANCER – THE CURRENT STATE OF KNOWLEDGE
- 5 **Anna Kolano** (*Medical University of Lublin*)
INFERTILITY AS A COMMON PROBLEM
- 6 **Paweł Myśliwski-Wołowski** (*Regional Specialist Hospital in Grudziądz*)
PROPHYLAXIS AND TREATMENT OF NAUSEA AND VOMITING INDUCED BY COMBINED ONCOLOGICAL THERAPY
- 7 **Jarosław Nuskiewicz** (*Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
RADIOPROTECTIVE PROPERTIES OF VITAMIN D
- 8 **Jarosław Nuskiewicz** (*Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
FGF23 AND ITS ROLE IN INFLAMMATION
- 9 **Aleksandra Opacka** (*Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
WNT SIGNALING AND DRUG RESISTANCE IN CANCERS
- 10 **Aleksandra Opacka** (*Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
NOVEL PROGNOSTIC MOLECULAR MARKERS IN LUNG CANCER
- 11 **Janina Rzeszot**
IMPROVING PHYSICAL ACTIVITY IN THE FALL OF THE COVID-19 ERA IN THE OVERALL RISE IN THE INCIDENCE OF INFLUENZA
- 12 **Martyna Stefaniak** (*Medical University of Lublin*)
COVID-19, ACE2 AND THE CARDIOVASCULAR COMPLICATIONS
- 13 **Ewa Ziolkowska** (*Academy in Kalisz named after President Stanisław Wojciechowski*)
LATE CARDIOTOXICITY OF RADIOTHERAPY: A PROBLEM OR A CHALLENGE FOR THE RADIATION ONCOLOGIST?



Natural and Technical Sciences Posters

- 1 **Barbara Dobosz** (*Warsaw University of Life Sciences*)
DAMAGE ESTIMATION IN AGRICULTURAL CROPS WITH THE USE OF DRONES
- 2 **Wojciech Nowak** (*UUniversity of Wrocław*)
THE INFLUENCE OF CRYSTAL STRUCTURE DEFECTS ON MAGNETIC PROPERTIES OF TYPE I AND II SUPERCONDUCTORS
- 3 **Magda Pęska** (*Military University of Technology*)
INVESTIGATION OF THE PROPERTIES OF INTERMETALLIC ALLOYS OBTAINED BY THE LENS TECHNIQUE (ENG)
- 4 **Dominik Rogalski** (*Warsaw University of Technology*)
PHYTOEXTRACTION AS A TECHNIQUE IN THE PHYTOREMEDIATION OF SOILS CONTAMINATED WITH METALS (ENG)
- 5 **Magdalena Siedzielnik** (*Gdansk University of Technology*)
MONONUCLEAR NICKEL(II) COMPLEX WITH O-VANILLIN AND 2-AMINOPYRIDINE (ENG)
- 6 **Magdalena Wiśniewska** (*Warsaw University of Technology*)
PHYTOSTABILIZATION AS A TECHNIQUE IN PHYTOREMEDIATION OF SOILS CONTAMINATED WITH METALS (ENG)

Natural and Technical Sciences Presentation

- 1 **Alicja Bosacka** (*Maria Curie-Skłodowska University*)
SUSPENSION POTENTIOMETRIC TITRATION OF THE FUNCTIONALIZED ORDERED MESOPOROUS CARBONS (ENG)
- 2 **Elżbieta Czarnecka** (*Nicolaus Copernicus University in Toruń*)
SYNTHESIS OF BIODEGRADABLE SUPERABSORBENTS
- 3 **Magdalena Głąb** (*Cracow University of Technology*)
CHARACTERISTICS OF POLYMER-CERAMIC COMPOSITES FOR THE REGENERATION OF THE SKELETAL SYSTEM (ENG)
- 4 **Sara Krawczyk** (*University of Silesia in Katowice*)
DOSING SYSTEM OF N-OCTYLPHENOTHIAZINE DERIVATIVE BASED ON PEDOT (ENG)
- 5 **Kalina Krawczyńska** (*IV Liceum im. Stefana Żeromskiego we Wrocławiu*)
THE FUTURE OF ARTIFICIAL INTELLIGENCE AND ITS MAJOR SUBFIELDS (ENG)
- 6 **Katarzyna Kulpa** (*University of Life Sciences in Lublin*)
EQUINE GASTRIC ULCERS
- 7 **Kacper Lewikowski** (*University of Life Sciences in Lublin*)
CONCENTRATION OF MERCURY IN TISSUES AND ORGANS OF THE WHITE STORK (CICONIA CICONIA) (ENG)
- 8 **Dagmara Słota** (*Cracow University of Technology*)
PROTEIN-BASED COMPOSITE MATERIALS FOR BONE TISSUE REGENERATION (ENG)
- 9 **Magdalena Urbańska** (*Nicolaus Copernicus University in Toruń*)
TECHNOSOLS – A LOCAL HISTORY OF HUMAN ACTIVITY (AN EXAMPLE OF THE SOIL COVER OF THE TORUŃ'S COMPANY OF NON - ORGANIC CHEMISTRY "POLCHEM") (ENG)
- 10 **Joanna Zdziennicka** (*University of Life Sciences in Lublin*)
INFLUENCE OF AUTOLOGICAL NEUTROPHIL- DERIVED PRODUCTS – MICROVESICLES (MV) AND NEUTROPHIL DEGRANULATION PRODUCTS (DGP) ON THE ACTIVITY OF MACROPHAGES (MDM) ISOLATED DURING THE INSERTION OF A TITANIUM IMPLANT INTO THE PROXIMAL TIBIAL PHYSIS IN A SHEEP MODEL (ENG)
- 11 **Joanna Zdziennicka** (*University of Life Sciences in Lublin*)
NEUTROPHIL DEGRANULATION PRODUCTS (DGP) AS A FACTOR AFFECTING THE PROCESS OF HEALING SKELETAL INJURY DURING SKELETAL INJURY IN SHEEP AND RABBITS MODELS-COMPARISON (ENG)