



FREE ENTRY

Special Awards & Certificates

3rd PULS-ISA SCIENTIFIC CONFERENCE

Join us for an insightful course-based presentation conference designed to educate and foster togetherness!

COURSE BASED PRESENTATIONS AND POSTERS

in Agri-food Economics and Trade
in Agronomy
in Animal Production Management
in Biotechnology
in Crop Plant Biology and Production
in Economics and Finance Management in Agri-food Sector

in Environmental Engineering and Protection
in Food Science and Nutrition
in Forestry
in Geoinformation and Spatial Management
in Horticulture: Seed Science and Technology
in Land Resource Management
in Wood Science

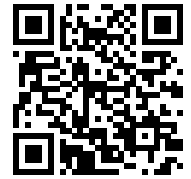
8 May 2026

Biocentrum: Hall B, Dojazd 11, Poznań
from 10.00 a.m. to 6.45 p.m.

Honorary patronage of the Authorities
of the Poznań University of Life Sciences
Prof. Krzysztof Szoszkiewicz, Rector
Prof. Karolina Pawlak, Vice-Rector for International Relations
Prof. Piotr Ślósarz, Vice-Rector for Studies
Prof. Piotr Goliński, Vice-Rector for Science
Prof. Krzysztof Adamowicz, Vice-Rector for Staff and University Development

The Conference is open to all students at PULS from all courses, PhD students.
Including Scientific Clubs too! Presentations are only in English.

Conference Timetable



10.00-10.10: Addresses from:

- University Authorities
- PULS-ISA Leader
- General Coordinator PULS-ISA

BSc, Erasmus+ Students Presentations

1. Esther Obong Eyo (BSc in Economics and Finance Management in Agri-Food Sector): 10.10-10.18
A THREAT TO GLOBAL FOOD SECURITY? THE MACROECONOMIC IMPLICATIONS OF HOUSEHOLD FOOD WASTE IN THE EUROPEAN UNION
2. Ludmila Machaieie, Jorge Tavares, Iryna Vaskina, Kamil Witaszek, Karol Kupryaniuk, Jacek Dach (Erasmus+ in Environmental Engineering and Protection): 10.18-10.26
ASSESSING THE EFFECT OF PRETREATMENT STRATEGIES ON THE FERMENTATION TIME OF DAIRY MANURE'S ANAEROBIC DIGESTION
3. Michael Gyau (BSc in Economics and Finance Management in Agri-Food Sector): 10.26-10.34
FOOD SECURITY CHALLENGES AND ECONOMIC IMPLICATIONS IN GHANA
4. Pimpa Malumbe (BSc in Economics and Finance Management in the Agri-food Sector): 10.34-10.42
IPO UNDERPRICING AND POST-DEBUT RETURNS OF FOREIGN AGRI-FOOD COMPANIES LISTED ON THE WARSAW STOCK EXCHANGE

MSc Students Presentations

5. Arsema Temtme (MSc in Food Science and Nutrition): 10.42-10.50
EXAMINATION OF THE THERMO-OXIDATIVE STABILITY OF RASPBERRY SEED OIL USING THE DSC TECHNIQUE FOR AUTHENTICITY ASSESSMENT
6. Akeredolu Israel Babatunde, Olatunji Oluwayomi Victor (MSc in Agri-food Economics and Trade, Geoinformation and Spatial Management): 10.50-10.58
THE ROLE OF GEOINFORMATION IN THE CONFLUENCE OF GENETICALLY MODIFIED ORGANISMS AND SUSTAINABLE DEVELOPMENT OBJECTIVES
7. Enock Asante Osei, Prince Kusi Armstrong, Ebenezer Osei Ansong, Bernice Harrison, Derrick Akuoku (MSc in Agri-food Economics and Trade): 10.58-11.06
PROSPECTS OF REPURPOSING AIR-CONDITIONER CONDENSATE FOR URBAN AGRICULTURE IN GHANA: THE WATER-ENERGY-FOOD NEXUS IN PRACTICE
8. Milena Szafran, Bartłomiej Bajan (MSc in Agri-food Economics and Trade): 11.06-11.14
UNDERSTANDING VALUE CHAIN ANALYSIS: CONCEPT AND APPLICATION IN THE MALTING BARLEY SECTOR IN THE CZECH REPUBLIC
9. Berfin Kucukbalaban, Ewa Bretes (MSc in Biotechnology): 11.14-11.22
EXPRESSION OF LIVER THIOLACTONASES IN MICE WITH CYSTATHIONINE B-SYNTHASE (CBS) DEFICIENCY
10. Mayar Elsharnouby (MSc in Agri-food Economics and Trade): 11.22-11.30
DECOUPLING AGRICULTURAL GROWTH AND GREENHOUSE GAS EMISSIONS: EVIDENCE FROM EGYPT, TURKEY, NIGERIA, INDONESIA AND POLAND

Questions and Answers to session 1-10:

11.35-11.45

11. Ibragimov Oyatillo (MSc in Geoinformation and Spatial Management): 11.45-11.53
MAPPING AND ASSESSMENT OF FIRE EFFECT IN ZOMIN NATIONAL PARK, UZBEKISTAN BASED ON REMOTE SENSING DATA
12. Priscilla Mwaura, Susan Nkoroi, Titilope Mabel Otemuyiwa (MSc in Agri-Food Economics and Trade): 11.53-12.01
MARKET ENTRY STRATEGY FOR AGRI-FOOD PRODUCT IN POLAND: A CASE STUDY OF NIGERIAN HIBISCUS CORDIAL MADALA ZOBO
13. Ngan Nguyen, Simay Şener, Meryem El Azri, Tinhinane Daikha (MSc in Food Science and Nutrition): 12.01-12.09
EVALUATION OF THE ANTIOXIDANT AND FUNCTIONAL POTENTIAL OF CHOCOLATE FORTIFIED WITH LION'S MANE (HERICIUM ERINACEUS) MUSHROOM POWDER
14. Ola Busola Elizabeth (MSc in Animal Production Management): 12.09-12.17
WHAT FACTORS EXPLAIN DIFFERENCES IN MILK YIELD BETWEEN POLISH AND NIGERIAN DAIRY SYSTEMS?
15. Stefan Petrov, Krasimira Atanasova, Tomasz Krystofiak (MSc in Wood Technology): 12.17-12.25
PROPERTIES OF HARDWAX FINISHES ON VENEERED FURNITURE SURFACES

Questions and Answers to session 11-15:

12.25-12.35

Outdoor Photo

Lunch time

12.40-13.10

16. Purity Gulavi Jandi (MSc in Biotechnology): 13.10-13.18
A TECHNICAL REVIEW OF TA CLONING EFFICIENCY AND APPLICATIONS IN MODERN BIOTECHNOLOGY
17. Mayar Elsharnouby (MSc in Agri-food Economics and Trade): 13.18-13.26
FOOD INSECURITY AND THE ROLE OF GOVERNMENT: A COMPARATIVE ANALYSIS OF DEVELOPED AND DEVELOPING ECONOMIES
18. Agata Paprota (MSc in Environmental Engineering and Protection): 13.26-13.34
STANDARDS FOR TREES. POLAND VERSUS GERMANY
19. Pulimeti Tejashree, Rajpal Singh Kashyap, Swati M. Gedam, Ritesh Ganar, Kalyani Kanhere (MSc in Biotechnology): 13.34-13.42
EVALUATION OF LEVELS OF INTERLEUKIN-6 (IL6) AND C-REACTIVE PROTEIN (CRP) IN MYCOBACTERIAL INFECTION TO MONITOR THE CYTOKINE STORM
20. Patla Harish Kumar, Rajpal Singh Kashyap, Swati M. Gedam, Prachi Gandhi, Ritesh Ganar (MSc in Biotechnology): 13.42-13.50
MYCOBACTERIUM TUBERCULOSIS DETECTION BY LAMP PCR USING DIRECT CSF SAMPLES
21. Rochita Bani (MSc in Biotechnology): 13.50-13.58
NANOTECHNOLOGY IN CANCER DETECTION AND THERAPY: CURRENT ADVANCES AND CLINICAL CHALLENGES
22. Dominika Rożkiewicz (MSc in Finance and Accounting): 13.58-14.06
PINK TAX - PRICE DISPARITIES BASED ON GENDER
23. Oleksandra Simeonidi, Zofia Modelska (BSc in Land Resource Management): 14.06-14.14
THE POTENTIAL ROLE OF QUANTUM COMPUTING IN SUSTAINABLE LAND RESOURCE MANAGEMENT
24. Amanda Okeke, Paweł Fabjańczyk (MSc in Wood Science): 14.14-14.22
WOOD DENSITY FLUCTUATIONS IN PAULOWNIA ELONGATA X TOMETOSA WOOD FROM PLANTATION TREES IN POLAND

Questions and Answers to session 16–24:

14.25-14.35

25. Jacinta Hellen Buame (MSc in Biotechnology): 14.35-14.43
DIAGNOSIS, PATHOPHYSIOLOGY, AND EVALUATION OF ACUTE KIDNEY INJURY USING RENAL CLEARABLE NANOPARTICLES
26. Ata Audu (MSc in Food Science and Nutrition): 14.43-14.51
PREDICTION OF DIET ADHERENCE AMONG YOUNG ADULTS: A CROSS-CULTURAL STUDY IN IRAQ AND POLAND
27. Mary Kumih (MSc in Agronomy): 14.51-14.59
ASSESSMENT OF PHYSICOCHEMICAL AND MICROBIOLOGICAL WATER QUALITY OF DUASE, KUMASI (ASHANTI REGION), GHANA
28. Njomba Moumy lyne H. (MSc in Economics and Finance Management in Agri-food): 14.59-15.07
REGIONAL DIFFERENCES IN DEMOGRAPHIC TRENDS IN CAMEROON
29. Alida Orly Bgale Siake, Vincent Unegbu, Ololade Folorunso (MSc in Food Science and Nutrition): 15.07-15.15
EXPLORING CHANGES IN BIOACTIVE COMPOUNDS AND PROBIOTIC BACTERIA IN FERMENTED JUICES OF PURPLE CARROTS AND BEETROOTS IN THE GASTROINTESTINAL TRACT MODEL
30. Godwin Adanu (MSc in Agri-food Economics and Trade): 15.15-15.23
RELATIONSHIP BETWEEN FOREIGN DIRECT INVESTMENT (FDI) AND GROSS DOMESTIC PRODUCT (GDP) IN V4 COUNTRIES
31. Ijaz Ahmad, Abdullah Al Mamun, Dhananjay Singh, Yasin Ali (MSc in Agronomy): 15.23-15.31
EFFECTS OF OSMOPROTECTANTS LIKE CaCl₂, SILICATE, SALICYLIC ACID, CNF AND TRICHODERMA ON GERMINATION, SEEDLING GROWTH AND YIELD OF AMAN RICE UNDER SALINITY STRESS
32. Tatenda Chinenyanga (MSc in Agronomy): 15.31-15.39
ANALYSIS OF COMBINING ABILITY FOR MAIZE STREAK VIRUS TOLERANCE AND AGRONOMIC TRAITS IN SEVEN WHITE MAIZE INBRED LINES
33. Augustyn Crane, Mariusz Sojka (MSc in Geoinformation and Spatial Management): 15.39-15.47
THE IMPACT OF NOISE ON MACHINE LEARNING-BASED LAKE ICE DETECTION ON LAKE ŚNIARDWY USING SENTINEL-1 SAR DATA
34. Aabir Abouelqassim, Adam Jasiok, Patrycja Plewka, Nikola Musiała-Kierklo, Ewa Stępnia-Konieczna (MSc in Biotechnology): 15.47-15.55
SMALL ACTIVATING RNAs IN THERAPEUTIC MODULATION OF MBNL GENES IN MYOTONIC DYSTROPHY TYPE1
35. Rathnayaka R.M.H.R., Surath Perera M.M.D., Wijekoon W.M.C.J., Perera T.A.N.T., Jayasinghe G.Y. (MSc in Agronomy): 15.55-16.03
DEVELOPMENT OF LOW-COST SOIL MOISTURE MONITORING AND RECORDING SYSTEM FOR AGRICULTURAL WATER MANAGEMENT: A PILOT STUDY FOR SUGARCANE (SACCHARUM OFFICINARUM) CULTIVATION
36. Pius O. Omiunu, Joanna Suszynska-Zajczyk (MSc in Biotechnology): 16.03-16.11
HYPERHOMOCYSTEINEMIA IN FERTILITY

Questions and Answers to session 25–36:

16.12-16.22

Coffee Break

16.23-16.35

Posters Oral Presentations

37. Salma Nur Fadilah Darmawanti (MSc in Agri-food Economics and Trade): 16.35-16.39
UNEVEN AND UNSTABLE PATHS TO GREEN GROWTH: AGRICULTURAL DECOUPLING DYNAMICS IN ASEAN USING TAPIO ELASTICITY (2004–2023)
38. Mawere Farai Denise Revesai (MSc in Biotechnology): 16.39-16.43
COMPARATIVE ANALYSIS OF THE blaTEM GENE SEQUENCES IN ESCHERICHIA COLI STRAINS FROM DIFFERENT GEOGRAPHICAL REGIONS
39. Favour Chibuzor, Jumoke Happiness Ayansola, Vincent Uchenna Unegbu, Ifeanyi Raphael Ugwuanyi, Oluwadunsin Adekunle, Cynthia Dike Kosisochi, Aida Rahman Maamah, Daniel Ekenem Chukwudum, Joy Babalola (MSc in Food Science and Nutrition): 16.43-16.47
A REVIEW OF TOMATO POWDER AS A SUSTAINABLE AND NUTRITIOUS FOOD INGREDIENT: PROCESSING TECHNOLOGIES, NUTRITIONAL VALUE, AND APPLICATIONS
40. Chinazaekpere Nancy Bernard (MSc in Biotechnology): 16.47-16.51
MICROBIOLOGICAL QUALITY OF READY-TO-EAT FRUITS AND VEGETABLES SOLD IN SOME SELECTED MARKETS IN ABIA STATE, NIGERIA
41. Olabamiji Dolapo Olajumoke (MSc in Horticulture - Seed Science and Technology): 16.51-16.55
MOLECULAR ANALYSIS OF PCR-BASED MARKERS ASSOCIATED WITH EARLY MATURITY GENES IN F7 GENERATIONS OF SOYBEAN BREEDING MATERIALS

PhD students Presentations

42. Mateusz Smoczyk, Barbara Ksit, Anna Szymczak-Graczyk (PhD MSc in Environmental Engineering and Protection): 16.55-17.03
SENSITIVITY OF A1–A3 GWP TO DECLARED AND DESIGN THERMAL CONDUCTIVITY IN INSULATION RETROFIT DESIGN
43. Saoussene Houria Groun, Rabah Mayouf, Abdelmalek Zaater, Mohamed Tahar Hanafi (PhD in Land Resource Management): 17.03-17.11
EVALUATING SOCIO-TERRITORIAL SUSTAINABILITY OF FARMS IN ALGERIA'S DRY ZONES USING THE IDEA METHOD
44. Alain Bertin Abayo, Michal Antala, Mar Albert-Saiz, Marcin Strozecki, Radosław Juszcak, Anshu Rastogi (PhD in Environmental Engineering and Protection - Bioclimatology): 17.11-17.19
USING THE SCOPE MODEL TO PREDICT COMMON BUCKWHEAT (FAGOPYRUM ESCULENTUM) PRODUCTIVITY UNDER DIFFERENT WATER REGIMES AND SILICON TREATMENTS
45. Maja Wojasiewicz, Sara Gniadek, Aleksandra Kotecka, Oliwia Kłódczyńska, Kinga Matysiak, Miłosz Paciorek, Gabriela Zeidler, Łukasz Witucki, Joanna Perta-Kaján (PhD in Biotechnology): 17.19-17.27
HOMOCYSTEINE AND HOMOCYSTEINE THIOLACTONE CONTRIBUTE TO ALZHEIMER'S DISEASE VIA TAU MODIFICATIONS IN N2A-APP^{Swe} CELLS

Questions and Answers to session 37–45:

17.30-17.40

End

Certificates of Presentation

Winners and Awards

17.45-18.45