

8th Conference on Horticulture and Landscape Architecture in Transylvania

May 22-23, 2025, Târgu Mureș, Romania

Sapientia Hungarian University of Transylvania, Department of Horticulture, at the Faculty of Târgu Mureș

In collaboration with the co-organizers:

Regional Committee of the MTA in Cluj (KAB)

Transylvanian Museum Society (EME)

Hungarian University of Agriculture and Life Sciences, Institute of Landscape Architecture, Urban Planning and Garden Art, Budapest, Hungary

Ferenc Rákóczi II. Transcarpathian Hungarian Institute, Department of Biology and Chemistry, Beregszász, Ukraine

Botanical Garden of the "George Emil Palade" University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Romania

8th Conference on Horticulture and Landscape Architecture in Transylvania



May 22-23, 2025
Târgu Mureș, Romania

Book of Abstracts:
QR kod

President of the conference:

Prof. Dr. Balog Adalbert, Sapientia Hungarian University of Transylvania

Organizing Committee:

Dr. Balogh Adalbert, Sapientia Hungarian University of Transylvania, Department of Horticulture (President of the Conference)

Dr. Benedek Klára, Sapientia Hungarian University of Transylvania, Department of Horticulture (General Chair)

Dr. Domokos Erzsébet, Sapientia Hungarian University of Transylvania, Department of Horticulture (General Chair)

Dr. Csorba Artúr-Botond, Sapientia Hungarian University of Transylvania, Department of Horticulture (Program Chair)

Dr. arh. Ványolós Endre, Sapientia Hungarian University of Transylvania, Department of Horticulture (Program Chair)

Benő Eszter Nóra, Regional Committee in Cluj of the MTA, Secretariat

Dr. Biró-Janka Béla, Sapientia Hungarian University of Transylvania, Department of Horticulture

Dr. Căbuz Andrea, Sapientia Hungarian University of Transylvania, Department of Horticulture

Csáki Ildikó, Sapientia Hungarian University of Transylvania, Department of Horticulture

Csikós Tímea, Sapientia Hungarian University of Transylvania, Department of Horticulture

Dr. Fekete Albert, University of Agriculture and Life Sciences, Institute of Landscape Architecture, Urban Planning and Garden Art

Dr. arh. Hegedűs Noémi Melitta, Sapientia Hungarian University of Transylvania, Department of Horticulture

Dr. Henning Anna-Imola, Sapientia Hungarian University of Transylvania, Department of Horticulture

Drd. Jakab Martin, Sapientia Hungarian University of Transylvania, Department of Horticulture

Kelemen Tamás, Sapientia Hungarian University of Transylvania, 3rd year Horticultural Engineering student

Dr. Kentelky Endre-Csaba, Sapientia Hungarian University of Transylvania, Department of Horticulture, Regional Committee in Cluj of the MTA, Chairman of the Committee on Agricultural Science

Dr. Kohut Erzsébet, Ferenc Rákóczi II. Transcarpathian Hungarian Institute, Department of Biology and Chemistry

Drd. Lihăț Ildikó, Sapientia Hungarian University of Transylvania, Department of Horticulture

Maróján Noémi, Regional Committee in Cluj of the MTA, Secretariat

Dr. Molnár Katalin, Sapientia Hungarian University of Transylvania, Department of Horticulture

Dr. Nyárádi Imre-István, Sapientia Hungarian University of Transylvania, Department of Horticulture, Transylvanian Museum Society (EME), Chairman of the Department of Agricultural Sciences

Szabadi Lúdia, Sapientia Hungarian University of Transylvania, Department of Horticulture

Székely Norbert, Sapientia Hungarian University of Transylvania, 2nd year Horticultural Engineering student

Dr. Székely-Varga Zsolt, Sapientia Hungarian University of Transylvania, Department of Horticulture

Dr. Tanase Corneliu, "George Emil Palade" University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, University Botanical Garden and Discipline of Pharmaceutical Botany

Scientific Committee:

Dr. Balog Adalbert, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. Benedek Klára, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. Biró-Janka Béla, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. Căbuz Andrea, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. Domokos Erzsébet, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. Fekete Albert, University of Agriculture and Life Sciences, Institute of Landscape Architecture, Urban Planning and Garden Art
Dr. arh. Hegedűs Noémi Melitta, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. Henning Anna Imola, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. Kentelky Endre, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. arh. Kovács Kázmér, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. Kohut Erzsébet, Ferenc Rákóczi II. Transcarpathian Hungarian Institute, Department of Biology and Chemistry
Dr. Székely-Varga Zsolt, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. Tanase Corneliu, "George Emil Palade" University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, University Botanical Garden and Discipline of Pharmaceutical Botany
Dr. Nyárádi Imre István, Sapientia Hungarian University of Transylvania, Department of Horticulture
Dr. arh. Ványolós Endre, Sapientia Hungarian University of Transylvania, Department of Horticulture

Contact:

Dr. Domokos Erzsébet
horticultureandlandscape@ms.sapientia.ro

CONFERENCE PROGRAMME

Thursday: May 22, 2025; Time zone (UTC+02:00) Bucharest

8.00 – 10.00

Registration of the participants (listeners inclusive) - AULA

10.00 – 10.20

Opening speeches - 114 Lecture Hall

10.20 – 10.55

PLENARY COMMUNICATIONS – “FLOWERS OF THE HUNGARIANS: CONTEMPORARY KNOWLEDGE AND RESEARCH RESULTS ON PLANT SPECIES OF THE AREAS INHABITED BY THE HUNGARIANS, AT THE APPROACHING CENTENARY OF FAMOUS BOOK BY RAJMUND RAPAICS”

Maria Höhn¹

¹ Department of Botany, MATE, Hungarian University of Agriculture and Life Sciences, Budapest, Hungary

10.55 – 11.30

PLENARY COMMUNICATIONS – “TOWARDS A GREENER AND MORE SUSTAINABLE FUTURE – CITY OF ZAGREB APPROACH”

Iva Rechner Dika¹

¹ Department of Ornamental Plants, Landscape Architecture and Garden Art, Division for Horticulture and Landscape Architecture, Faculty of Agriculture, University of Zagreb, Croatia

11.30 – 11.50

Coffee break, Aula

11.50 – 12.25

PLENARY COMMUNICATIONS – “EVALUATION OF SOME ESTERHÁZY PERSIAN WALNUT GENOTYPES IN HUNGARY”

Géza Bujdosó¹, Alina Marcela Ratiu¹, Virág Varjas¹, Klára Cseke²

¹ Hungarian University of Agriculture and Life Sciences, Centre for Horticultural Sciences, Érd, 2030, Hungary

² University of Sopron, Forest Research Institute, Sárvár, Hungary

12.25 – 13.00

PLENARY COMMUNICATIONS – “GARDEN HERITAGE IN THE CARPATHIAN BASIN”

Ágnes Herczeg¹

¹ Hungarian Garden Heritage Foundation, Institute of Landscape Architecture, Urban Planning and Garden Art, Budapest, Hungarian University of Agriculture and Life Sciences, Hungary;

E-mail: agnes.herczeg@magyarkertorokseg.hu

13.00 – 14.00

Lunch break

SECTION COMMUNICATIONS

14.00 – 15.35 – 230 Lecture Hall – Horticultural Sciences

14.00 – 18.30 – 231 Lecture Hall – Landscape Sciences, SENIOR

15.55 – 17.15 – 230 Lecture Hall – Landscape Sciences, JUNIOR

POSTER PRESENTATIONS

16.00 – 16.30, Aula – Horticultural Sciences

18.45 – 19.10, Aula – Landscape Sciences

19.10 – Dinner

DETAILED CONFERENCE PROGRAMME - Horticultural Sciences

Thursday: May 22, 2025

PLENARY COMMUNICATIONS (14.00 – 14.35), 230 Lecture Hall

Moderator:

Professor Adalbert Balog PhD

14.00 – 14.35

“INNOVATIVE APPROACHES TO POST-INDUSTRIAL LANDSCAPE REGENERATION: THE SPIRE PROJECT”

Tihamér Tibor Sebestyén^{1,}*

¹ Department of Life Science and Sport, Faculty of Life Science and Sport in Sfântu Gheorghe, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania; *E-mail: sebestyentihamer@uni.sapientia.ro

SECTION COMMUNICATIONS (14.35 – 15.35), 230 Lecture Hall

Moderator:

Professor Adalbert Balog PhD

14.35 – 14.50

“ CHLOROPHYLL CONCENTRATION ANALYSIS OF WOODY PLANTS IN THE BUDA ARBORETUM”

Petra Emese Dragan^{1,}, Barnabás Tóth¹, Judit Doma-Tarcsányi¹*

¹ Department for Garden and Open Space Design, Hungarian University of Agriculture and Life Sciences; *E-mail: dragan.petra.emese@uni-mate.hu

14.50 – 15.05

“EVALUATING THE EFFECTS OF GROWTH REGULATORS AND *RHIZOPHAGUS IRREGULARIS* ON SWEET POTATO (*IPOMOEA BATATAS*) MICROPROPAGATION AND ACCLIMATIZATION”

Klára Benedek^{1,}, Martin Jakab¹, Erzsébet Domokos¹, Nándor Fodor², Tünde Simon¹*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania;

*E-mail: benedekklara@ms.sapientia.com

² SC. Blondy Romania SRL, Târgu Mureș, Romania

15.05 – 15.20

"INHIBITOR TREATED UREA - COMMERCIAL OR FACT"

Lajos Vass^{1,}*

¹ Agronomical Consultant of Sales Department, AZOMURES, Târgu Mureș, Romania;

*E-mail: lajos.vass@azomures.com

15.20 – 15.35

"THE EFFECT OF PHYTOHORMONE-PRODUCING, SALT- AND HEAVY METAL-TOLERANT BACTERIAL ISOLATES ON CORN SEED GERMINATION"

Szidónia Nagy^{1,}, Emese – Éva Bálint², Gyöngyvér Mara²*

¹ Doctoral School of Biology and Sport Biology, University of Pécs; Pécs, Hungary;

*E-mail: nagyszidonia@uni.sapientia.ro

² Department of Bioengineering, Faculty of Economics, Socio-Human Sciences and Engineering, Miercurea – Ciuc, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania

15.35 – 16.00

Coffee break, Aula

16.00-16.30 - POSTER PRESENTATIONS, AULA

Moderator:

Professor Adalbert Balog PhD

POSTER PRESENTATION – SENIOR, Aula (16.00-16.30)

"DYNAMICS OF HORTICULTURE DISTRIBUTION IN THE MOUNTAINOUS LANDSCAPES OF SAMTSKHE-JAVAKHETI, GEORGIA, ACCORDING TO CENSUS DOCUMENTS OF THE 16TH-20TH CENTURIES"

Roman Maisuradze^{1,}, Thamar Khardziani¹, Gia Chilingarashvili²*

¹ Roman Maisuradze, Department of Geography, Faculty of Exact and Environmental Science, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia; *E-mail: romani.maisuradze@tsu.ge

² Gia Chilingarashvili, Department of Archaeology, Faculty of Humanities, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia

"THE EFFECT OF CULTIVATION MEDIA AND FERTILIZATION ON THE DEVELOPMENT AND FLOWER YIELD OF THE BEGONIA SEMPERFLORENS 'AMBASSADOR ROSE' VARIETY"

Endre Kentelky^{1,}, Zsolt Székely-Varga¹*

¹ Sapientia Hungarian University of Transylvania, Faculty of Technical and Human Sciences Târgu-Mureș, Department of Horticultural Engineering, Târgu Mureș, Romania; *E-mail: kentelky@ms.sapientia.ro

“EVALUATION OF SUSCEPTIBILITY OF WALNUT CULTIVARS TO XANTHOMONAS ARBORICOLA PV. JUGLANDIS IN VITRO AND IN VIVO”

Anita Végh^{1,}, Áron Lehoczki²*

¹ Department of Plant Pathology, Institute of Plant Protection, Hungarian University of Agriculture and Life Sciences, Budapest; *Email: karacs.vegh.anita@uni-mate.hu

² Department of Plant Pathology, Institute of Plant Protection, Hungarian University of Agriculture and Life Sciences, Budapest

POSTER PRESENTATION – JUNIOR, Aula (16.00-16.30)

“THE EFFECT OF SEED (MAIZE) PRIMING ON PLANT GERMINATION AND INITIAL DEVELOPMENT UNDER ABIOTIC STRESS CONDITIONS”

Erika-Enikő Joós^{1,}, Gyöngyvér Mara¹*

¹ Department of Bioengineering, Faculty of Economics, Socio-Human Sciences and Engineering, Miercurea – Ciuc, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania;

*E-mail: joosvoerikaeniko@uni.sapientia.ro

“GERMINATION STUDIES ON WHITE CLOVER (TRIFOLIUM REPENS L.) AND LETTUCE (LACTUCA SATIVA L.) SEEDS TREATED WITH ZINC OXIDE (ZNO) NANOMATERIALS”

Gábor Kovács^{1,}, Kincső-Katalin Orbán¹, Katalin Molnár², Erzsébet Domokos¹, Zsolt Czekes¹, Izabella Babcsányi³*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania; *E-mail: kovacs.gabor@ms.sapientia.ro

² Department of Life Science and Sport, Faculty of Life Science and Sport in Sfântu Gheorghe, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania

³ Department of Geoinformatics, Physical and Environmental Geography, University of Szeged, Szeged, Hungary

“ECOTOXICOLOGICAL STUDIES OF ZNO-BASED FERTILIZER ADDITIVES ON THE LEMNA MINOR L. AS MODEL PLANT”

Gábor Kovács^{1,}, Alexandra Sztankovics¹, László Fodorpatáki¹, Katalin Molnár², Zsolt Czekes¹, Izabella Babcsányi³*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania; *E-mail: kovacs.gabor@ms.sapientia.ro

² Department of Life Science and Sport, Faculty of Life Science and Sport in Sfântu Gheorghe, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania

³ Department of Geoinformatics, Physical and Environmental Geography, University of Szeged, Szeged, Hungary

"COMPARATIVE STUDY OF DIFFERENT POTATO VARIETIES UNDER THE AGRO-ECOLOGICAL CONDITIONS OF TÂRGU SECUIESC"

Katalin Molnár^{1,}, Béla Biró-Janka², Roland Tompos³, Imre-István Nyárádi²*

¹ Department of Life Science and Sport, Faculty of Life Science and Sport in Sfântu Gheorghe, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania; *E-mail: molnarkati@ms.sapientia.ro

² Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania

³ Tompos Roland, Research and Development Station for Potato Târgu Secuiesc, Romania

"COMPARATIVE STUDY OF LANDRACE TOMATO CULTIVARS FROM MUREȘ COUNTY UNDER SEMI-CONTROLLED CONDITIONS"

Artúr Botond Csorba^{1,}, Róbert Csíki¹, András-Péter Vajda¹, Gábor Kovács¹, Adalbert Balog¹*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania; *E-mail: csorba.artur@ms.sapientia.ro

"COMPUTER SIMULATION FOR VISUALIZING SOIL TILLAGE RESULTS USING THE BOMET BTP 4X6 DISC HARROW"

Judit Pásztor^{1,}, Ferenc Roșca-Tolvaly¹*

¹ Department of Mechanical Engineering, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania; *E-mail: pjudit@ms.sapientia.ro

DETAILED PROGRAMME - Landscape Sciences

Thursday: May 22. 2025

PLENARY COMMUNICATIONS (14.00 – 15.10), 231 Lecture Hall

Moderator:

Associate Professor Endre Ványolós PhD

14.00 – 14.35

“DECADE LONG PROJECTS IN LANDSCAPE ARCHITECTURE DESIGN”

Mohácsi Sándor^{1,}*

¹S73; *E-mail: ms@s73.hu

14.35 – 15.10

“THE PROTECTION AND MANAGEMENT OF CULTURAL LANDSCAPES IN ROMANIA: LEGAL FRAMEWORK, ADMINISTRATIVE CHALLENGES, AND AVAILABLE INSTRUMENTS”

Alex Mexi^{1,}*

¹National Institute of Heritage, Bucharest, Romania; *E-mail: alx.mexi@gmail.com, alexandru.mexi@patrimoniu.ro

SENIOR SECTION COMMUNICATIONS (15.10 – 18.45), 231 Lecture Hall

SUSTAINABLE DEVELOPMENT IN A (CULTURAL) LANDSCAPE: PAST, PRESENT AND FUTURE and THE NECESSARY INTERDISCIPLINARITY: SCIENCES FOR THE SHAPING OF THE ENVIRONMENT

Moderator: Professor Albert Fekete PhD

15.10 – 15.25

“GREENWAYS THROUGH URBAN AND TERRITORIAL PLANNING IN THE HISTORICAL LANDSCAPE IN TRANSYLVANIA”

Endre Ványolós^{1,}*

¹Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania; *E-mail: v.endre@ms.sapientia.ro

15.25 - 15.40

“HERITAGE AND VALUES IN TWO LANDSCAPE REGENERATION PROJECTS”

Miguel Hernández Quintanilla^{1,}*

¹Institute of Urbanism and Landscape, the Oslo School of Architecture and Design, Oslo, Norway/Spain; *E-mail: Miguel.hernandez.quintanilla@aho.no

15.40 - 15.55

“TRAVELING IN TIME, SPACE AND LANDSCAPE: THE RESTORATION OF THE BĂNFFY CASTLE GARDENS, RĂSCRUCI, CLUJ”

Valentin-Sebastian Dan^{1,}, Sonia Bodea¹, Alex-Péter Cotoz¹, Camelia-Raluca Vălcan¹, Mara Buz¹, Andreea-Octavia Dâmbean¹*

¹ Department of Horticulture and Landscaping, Faculty of Horticulture and Business for Rural Development, University of Agriculture Sciences and Veterinary Medicine, Cluj-Napoca, Romania;

*E-mail: dan.valentin@usamvcluj.ro

15.55 - 16.10

“THE USE OF WATER AND ITS ECOLOGICAL ASPECTS IN THE LANDSCAPE GARDENS OF HUNGARY”

Miklós Gyurasza^{1,}, Máté Sárospataki²*

¹ Doctoral School of Landscape Architecture and Landscape Ecology, University of Agriculture and Life Sciences, Budapest, Hungary; *E-mail: miklos.gyurasza@gmail.com

² Department of Garden Art and Landscape Design, University of Agriculture and Life Sciences, Budapest, Hungary

16.10 - 16.25

“BIOLOGY IN REGENERATIVE (LANDSCAPE) ARCHITECTURE”

Klaus BIRTHLER^{1,}*

¹ transylvania labs., Târgu Mureș, Romania / ETH Zürich, Switzerland

*E-mail: klausbirthler@gmail.com

16.25 - 16.40

“CLIMATIC CONDITIONS AND MORPHOLOGY - CORRELATION IN URBAN SQUARES”

Anna Andrea Szövényi^{1,}, Anna Adorján¹, Szabolcs Bérczi¹, Levente Szczuka¹, Petra Pásztói¹*

¹ Department of Urban Planning and Urban Green Infrastructure, Institute of Landscape Architecture, Urban Planning and Garden Art, Hungarian University of Agriculture and Life Sciences, Hungary;

*E-mail: szovenyi.anna.andrea@uni-mate.hu

16.40 – 16.55

“AN ENVIRONMENTAL-NATURAL APPROACH FOR THE DESIGN OF RENEWABLE ACCELERATION AREAS OF WIND POWER PLANTS USING MCDM AND GIS”

Timea Erdei^{1,}, Tamás Soha¹, Bálint Hartmann¹*

¹ Environmental Physics Department, Institute for Energy Security and Environmental Safety, HUN-REN Centre for Energy Research, Hungary; *E-mail: erdei.timea@ek.hun-ren.hu

16.55 – 17.15

Coffee break, Aula

REDISCOVERING (HISTORICAL) OPEN SPACE

Moderator:

Professor Kázmér Kovács PhD

17.15 – 17.30

“THE EVOLUTION OF HISTORICAL PUBLIC PARKS IN TRANSYLVANIA: THE RISE OF THE SPORTS FUNCTIONS IN THE 20TH CENTURY”

Dániel Komes^{1,}, Levente Béla Haleczky¹, Albert Fekete²*

¹ Doctoral School of Landscape Architecture and Landscape Ecology, Hungarian University of Agriculture and Life Sciences, Budapest, Hungary; *E-mail: Komes.Daniel@phd.uni-mate.hu

² Institute of Landscape Architecture, Urban Planning and Garden Art, Hungarian University of Agriculture and Life Sciences Budapest, Hungary

17.30 - 17.45

“SPATIAL ANALYSIS ON URBAN PARK DISTRIBUTION IN ULAANBAATAR, MONGOLIA”

Anudari Gankhuyag^{1,}, Ágnes Sallay¹*

¹ Doctoral School of Landscape Architecture and Landscape Ecology, Hungarian University of Agriculture and Life Sciences, Budapest, Hungary; *E-mail: anudari0227@gmail.com

17.45 - 18.00

“THE ARTISTIC HERITAGE OF HISTORIC PARKS IN WESTERN ROMANIA: A JOURNEY THROUGH TIME”

Hegedüs Noémi Melitta^{1,}, Căbuz Andrea¹, Lihăț Ildikó¹*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania; *E-mail: hegedusnoemi@yahoo.ro

18.00 - 18.15

“ ORNAMENTAL PLANT MOTIFS IN THE ARCHITECTURE OF ART NOUVEAU AND BEYOND”

Anna Benkő^{1,}, Róbert Tăslăvan²*

¹ Hungarian University of Agriculture and Life Sciences, Institute of Landscape Architecture, Urban Planning and Garden Art Budapest, Hungary; *E-mail: benkoanna.la@gmail.com

² Technical University of Cluj-Napoca, Romania

18.15 - 18.30

“PURSUING LOCAL IDENTITY AT ORAȘU NOU/AVASÚJVÁROS MAIN SQUARE”

Kovács Lóránt^{1,}*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, / Doctoral School, West University of Timișoara, Timișoara, Romania; *E-mail: 2kovacslorant@gmail.com

18.30-18.45

“HOTICULTURAL THERAPY, THERAPEUTIC HORTICULTURE - THE PATH TO WELL-BEING”

Vera Takácsné Zajacz^{1,}, Sára Jánossyné Pernecky¹, Antal Gergely¹, Magdolna Pakot², Mónika Pakot²*

¹Department for Garden and Open Space Design, Institute of Landscape Architecture, Urban Planning and Garden Art, Budapest, Hungarian University of Agriculture and Life Sciences, Hungary;

*E-mail: takacsne.zajacz.vera@uni-mate.hu

²Foundation for Quality of Life - Transylvania, Romania

JUNIOR SECTION COMMUNICATIONS (15.55 – 17.15), 230 Lecture Hall

Moderators:

Assistant Professor Henning Imola PhD, Assistant Professor Hegedűs Noémi PhD

15.55 - 16.10

“THE KEY ROLE OF SITE SURVEY IN DEVELOPING A RESEARCH METHODOLOGY FOR RE-DESIGN OF 19TH CENTURY PUBLIC PARKS”

Albert Fekete^{1,}, Agata Porębska¹, Ece Beyza Özdemir¹, Asli Taskin¹, Tatjana Prusac¹, Dániel Komes¹*

¹ MATE, Institute of Landscape Architecture, Urban Planning and Garden Art Budapest , Hungary;

*E-mail: feket.albert@uni-mate.hu

16.10 - 16.25

“URBAN METABOLIC ASSESSMENT AND CULTURAL LANDSCAPE RESILIENCE IN INFORMAL SETTLEMENTS: A REMOTE SENSING ANALYSIS OF MAKASSAR (2004–2024)”

Anwar Ramdan Pano^{1,}, Kollányi László¹, Chenyu Du¹, Muhammad Irfan²*

¹ Department Landscape Planning and Regional Development, Institute of Landscape Architecture, Urban Planning, and Garden Art, Hungarian University of Agriculture and Life Science, MATE, Hungary;

*E-mail: pano.anwar.ramdan@phd.uni-mate.hu

² Department of Urban and Regional Planning, Engineering Faculty, Universitas Hasanuddin, Makassar, Indonesia

16.25 - 16.40

“SPATIOTEMPORAL ANALYSIS OF LAND USE CHANGE AND CARBON STORAGE IN AN URBAN PARK USING HIGH-RESOLUTION REMOTE SENSING”

Chenyu Du^{1,}, Xinyu Wang¹, Anas Tuffaha¹, Yaseen N. Hassan¹, Anwar Ramdan Pano¹, Sándor Jombach¹*

¹ Department of Landscape Planning and Regional Development, Institute of Landscape Architecture, Urban Planning and Garden Art, Hungarian University of Agriculture and Life Sciences, MATE, Hungary;

*E-mail: Du.Chenyu@phd.uni-mate.hu

16.40 - 16.55

“ORIENTALISM IN HUNGARIAN SECULAR ARCHITECTURE”

Yosser Ben Arfa^{1,}*

¹ Departement of architecture, Ybl Miklós faculty of architecture and civil engineering, Óbuda University, Budapest, Hungary; *E-mail: yosrarfa9@gmail.com

16.55 – 17.15

Coffee break, Aula

POSTER PRESENTATIONS (18.45 – 19.10), Aula

“TOWARDS WHOLENESS: A WINNING LANDSCAPE VISION FOR THE DANUBE BEND – LE:NOTRE STUDENT COMPETITION”

Bartha Árpád Zsolt^{1,}, Ferenczy Kinga Katinka¹, Pulugor Jonathán Zsolt¹, Molnár Sándor-Tas¹, Komes Dániel¹*

¹ MATE, Institute of Landscape Architecture, Urban Planning and Garden Art, Budapest, Hungary;

*Email: barthaarpadzsol2@gmail.com

„THE SENSATION OF RECOGNITION”

Tímea Mózes^{1,}, Boglárka Ivácson, Zsófia László, Julianna Juhász, Dániel Kerekes*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Romania; *Email: mozes.timea@student.ms.sapientia.ro

„BUILDING TOMORROW WITH YESTERDAY”

Nóra Szélyes^{1,}, Boglárka Molnár, Balázs Csép, Nikoletta Kribus, Emma Bodó*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Romania; *Email: szelyes.nora@student.ms.sapientia.ro

“STUDY OF URBAN TREE PLANTING DENSITY”

Barnabás Tóth^{1,}, Judit Doma-Tarcsányi¹, Petra Dragán¹, Krisztina Szabó¹,*

¹ Department of Garden and Open Space Design, Hungarian University of Agriculture and Life Sciences, Budapest, Hungary; (MATE); *E-mail: Toth.Barnabas@uni-mate.hu

“HISTORICAL NOBLE ESTATES AND LANDSCAPE TRANSFORMATIONS IN WESTERN ROMANIA”

Hegedüs Noémi Melitta^{1,}*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Romania; *E-mail: hegedusnoemi@yahoo.ro

“CLIMATIC CONDITIONS AND MORPHOLOGY - CORRELATION IN URBAN SQUARES”

Anna Andrea Szövényi DLA^{1,}, Anna Adorján PhD¹, Szabolcs Bérczi PhD¹, Levente Szczuka¹, Petra Pásztói¹*

¹ Department of Urban Planning and Urban Green Infrastructure, Institute of Landscape Architecture, Urban Planning and Garden Art, Hungarian University of Agriculture and Life Sciences, Hungary, Budapest; *E-mail: szovenyi.anna.andrea@uni-mate.hu

“BEYOND THE FENCE: EXPLORING THE COMMUNITY-BUILDING AND IDENTITY-EXPRESSING EFFECTS OF COTTAGE GARDENS”

Anna Imola Henning^{1,}*

¹ Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Romania; *E-mail: henning.imola@ms.sapientia.ro

“RECONFIGURATION OF THE SCHOOLYARD. AN ADAPTED ENVIRONMENT FOR EXPLORATION AND DEVELOPMENT”

Annamária Hajdu^{1,}, Păunița Boancă¹, Sonia Bodea¹*

¹ Department of Landscape Architecture, Faculty of Horticulture and Business in Rural Development, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Cluj-Napoca, Romania;

*E-mail: annamaria.hajdu@student.usamvcluj.ro

“CULTURAL ECOSYSTEM SERVICES AND THE ROLE OF CITY-LEVEL PUBLIC PARKS IN URBAN STRUCTURE - A COMPARATIVE STUDY OF FOUR HUNGARIAN EXAMPLES”

Andrea Wallner^{1,}, Eszter Karlóciné Bakay¹*

¹ Department for Garden and Open Space Design, Institute of Landscape Architecture, Urban Planning and Garden Art, Hungarian University of Agriculture and Life Sciences, Budapest, Hungary;

*E-mail: pawallnera@gmail.com

“TECHNIQUES AND METHODS FOR THE REHABILITATION OF VARIOUS RESIDUAL AREAS”

Ildikó Lihăț^{1,2,}, Hegedus Noemi Melita², Cabuz Andrea²*

¹ PhD student, "Ion Mincu" University of Architecture and Urbanism, Doctoral School of Urbanism, Bucharest, Romania; *E-mail: ildiko.lihat@gmail.com

² Department of Horticulture, Faculty of Technical and Human Sciences, Târgu Mureș, Sapientia Hungarian University of Transylvania, Cluj-Napoca, Romania

“AQUEDUCTS TO ASPHALT: REVERSING AMMAN’S HARDCAPE CRISIS THROUGH URBAN METABOLISM”

Anas Tuffaha^{1,}, Ágnes Sallay¹, Chenyu Du¹*

¹ Hungarian University of Agriculture and Life Sciences, Budapest, Hungary; *E-mail:

anastuffaha.h@gmail.com