

**“Lucian Blaga” University of Sibiu
Anniversary International Students Conference
Research and Education for a Knowledge-Based Society**

STUDIUM OECOLOGICUM
The VIth edition
PROGRAMME

**Sibiu,
May 15-17, 2014**

Organized by:

“Lucian Blaga” University of Sibiu, Faculty of Sciences
NGO Ecotur Sibiu
ASECO

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Diana Călugărițoiu – student
Loredana Ciurcă – student
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Dr. Voichița Gheoca – “Lucian Blaga” University of Sibiu
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Dr. Monica Mironescu – “Lucian Blaga” University of Sibiu
Dr. Dumitru Murariu – “Gr. Antipa” National Museum of Natural History, Bucharest
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Dr. Daniela Nicuță - University “Vasile Alecsandri” of Bacău
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Dr. Lucian Pârvulescu – West University of Timișoara
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Dr. Ștefan Sauter – University of Zurich
Dr. Vasile Sârbu -”Alexandru Ioan Cuza” University of Iași
Dr. Ioan Tăușan – “Lucian Blaga” University of Sibiu
Dr. Dorel Ureche – University “Vasile Alecsandri” of Bacău
Dr. Mihai Zerbeș – “Lucian Blaga” University of Sibiu

PROGRAMME

May 15th, 2014

- 08:30 - 09:30 Registration of participants (Aula Magna, Lucian Blaga Street, No. 2)
- 09:30 - 10:00 Official opening
- 10:00 - 10:45 Workshop 1: "What's Next for Online Advertising? - Present and Future Trends in Online"
- 10:45 - 11:00 Coffee Break – Individual discussions
- 11:00 - 12:30 Workshop 2: "Presentation and Training Session on Access to Scientific Databases ROMDIDAC + EBSCO"
- 12:30 – 13:45 Lunch (LBUS Canteen, Student Campus Park, Victoria Avenue 31)
- 14:00 - 19:30 Paper Presentations – The VIth Studium Oecologicum (Faculty of Sciences, Dr. I. Rațiu Street, No. 5-7)
- 20:00 Galla Dinner (LBUS Canteen, Student Campus Park, Victoria Av. 31)

ORAL PRESENTATIONS
Faculty of Sciences, Dr. I. Rațiu Street, No. 5-7

SECTION I – ROOM A12

- Andreea CIOBANU*
Coordinator - Dr. Angela CURTEAN-BĂNĂDUC
"Lucian Blaga" University of Sibiu, Faculty of Sciences 14⁰⁰ – 14¹⁰
- MAYFLY (INSECTA. EPHEMEROPTERA) ASSEMBLAGES IN THE REPEDE RIVER (RODNA MONTAINS, ROMANIA)**
- Laurențiu-Vasile AGACHI,*
Coordinator - Dr. Milca PETROVICI
West University of Timișoara, Faculty of Chemistry, Biology, Geography 14¹⁰ – 14²⁰
- THE SEASONAL DYNAMICS OF BENTHIC MACROINVERTEBRATES FROM THE STREAM APA MARE, NATURE REZERVE MLAȘTINILE SATCHINEZ (TIMIȘ COUNTY, ROMÂNIA)**
- George BOUROȘ,*
Coordinator - Dr. Dumitru MURARIU
University of Bucharest, Faculty of Biology 14²⁰ – 14³⁰
- ENVIRONMENTAL AND ANTHROPOGENIC FACTORS THAT INFLUENCE THE STRUCTURE AND DYNAMICS OF EURASIAN OTTER (*LUTRA LUTRA*) POPULATION IN THE SITE OF COMMUNITY IMPORTANCE LOWER SIRET VALLEY, ROMANIA**
- Marius NĂDEJDE,*
Coordinator - Dr. Dorel URECHE
University "Vasile Alecsandri" of Bacau, Faculty of Science 14³⁰ – 14⁴⁰
- CURRENT STATUS OF THE FISH COMMUNITIES STATION NEHOIU- PÂRSCOV FROM THE BUZĂU RIVER**
- Alexandru BURCEA, Iulia Elena FLORESCU,*
Coordinator - Dr. Marieta COSTACHE
University of Bucharest, Faculty of Biology 14⁴⁰ – 14⁵⁰
- THE GENETIC DIVERSITY OF RUSSIAN STURGEON AQUACULTURE STRAINS DETERMINED BY MITOCHONDRIAL DNA ANALYSIS**
- Loredana-Giorgiana MOROȘAN,*
Coordinators - Dr. Mălina PÎRVU, Dr. Claudia ZAHARIA, Dr. Lucian PÂRVULESCU
West University of Timișoara, Faculty of Chemistry, Biology, Geography 14⁵⁰ – 15⁰⁰
- FECUNDITY – THE KEY OF SUCCESS IN SPINY-CHEEK CRAYFISH INVASION**

<p><i>Iulia Elena FLORESCU, Alexandru BURCEA,</i> <i>Coordinator - Dr. Marieta COSTACHE</i> University of Bucharest, Faculty of Biology</p>	15 ⁰⁰ – 15 ¹⁰
<p>GENETIC DIVERSITY ANALYSIS OF <i>ACIPENSER STELLATUS</i> AQUACULTURE STRAINS USING DNA NUCLEAR MARKERS</p>	
<p><i>Gina-Oana POPA,</i> <i>Coordinator - Dr. Marieta COSTACHE</i> University of Bucharest, Faculty of Biology</p>	15 ¹⁰ – 15 ²⁰
<p>ANALYSIS OF THE BROWN TROUT'S GENETIC DIVERSITY FROM FĂGĂRAȘ MOUNTAINS USING NUCLEAR MOLECULAR MARKERS</p>	
<p><i>Sonia BUNGIAC, Paul BOARIU, Alina BUDOIU,</i> <i>Coordinator - Dr. Horea OLOSUTEAN</i> „Lucian Blaga” University of Sibiu, Faculty of Sciences</p>	15 ²⁰ – 15 ³⁰
<p>AQUATIC AND SEMI-AQUATIC HETEROPTERA FROM THE SULINA AREA (DANUBE DELTA, ROMANIA)</p>	
<p><i>Lidia MILA,</i> <i>Coordinator - Dr. Voichița GHEOCA</i> „Lucian Blaga” University of Sibiu, Faculty of Sciences</p>	15 ³⁰ – 15 ⁴⁰
<p>MORPHOLOGICAL AND ANATOMICAL ANALYSIS IN <i>HELIX</i> <i>POMATIA x HELIX LUTESCENS</i> HYBRIDS DISCRIMINATION</p>	
<p><i>Anca BUCUR, Adrian RĂULEA,</i> <i>Coordinator - Dr. Ana Maria BENEDEK</i> „Lucian Blaga” University of Sibiu, Faculty of Sciences</p>	15 ⁴⁰ – 15 ⁵⁰
<p>SEASONAL AND ELEVATIONAL DYNAMICS OF BIRD COMMUNITIES ALONG ȘTEAZA-SEVIȘ RIVER VALLEY (CIBIN RIVER BASIN)</p>	
<p>DISCUSSIONS</p>	15 ⁵⁰ – 16 ¹⁰
<p>Coffee break – Individual discussions</p>	16 ¹⁰ - 16 ³⁰

SECTION II – ROOM A12

- Silviu CIBU,*
Coordinator - Dr. Mihai ZERBEȘ
„Lucian Blaga” University of Sibiu, Faculty of Engineering 16³⁰ – 16⁴⁰
- THERMAL SOLAR PANEL MADE FROM PET FOR DOMESTIC HOT WATER**
- Mirela MUNTEAN,*
Coordinator - Dr. Doru BĂNĂDUC
„Lucian Blaga” University of Sibiu, Faculty of Sciences 16⁴⁰ – 16⁵⁰
- ASPECTS CONCERNING THE USE OF S.C.A.D.A. (SUPERVISORY CONTROL AND DATA ACQUISITION) IN MONITORING THE ECOLOGICAL STATUS OF TARNAVA RIVER BASIN**
- Sebastian Vasile BĂDILĂ,*
Coordinator - Dr. Mihai ZERBEȘ
„Lucian Blaga” University of Sibiu, Faculty of Engineering 16⁵⁰ – 17⁰⁰
- DESIGNING A MODERN WASTE COLLECTION SYSTEM BY USING GIS APPLICATIONS**
- Anca NEGREA, Larisa TUDOR, Elena RĂDUȚ, Lavinia TRĂȘCĂ,*
Coordinator - Dr. Mihai-Victor ZERBEȘ
„Lucian Blaga” University of Sibiu, Faculty of Engineering 17⁰⁰ – 17¹⁰
- CULTURAL ECOLOGY IN THE FACULTY OF ENGINEERING. DEVELOP A METHODOLOGY TO IMPROVE STUDENT'S PERCEPTIONS ON STUDENT LIFE**
- Alexandru Claudiu BAKOS,*
Coordinator - Dr. Mihai ZERBEȘ
„Lucian Blaga” University of Sibiu, Faculty of Engineering 17¹⁰ – 17²⁰
- ANALYSIS OF WIND POTENTIAL IN THE SOUTH OF SIBIU BY PLACING A WIND FARM**
- Carina Andreea AVRAM,*
Coordinator - Dr. Monica MIRONESCU
„Lucian Blaga” University of Sibiu, Faculty of Sciences 17²⁰ – 17³⁰
- PRODUCTION OF BIOMASS AND ALCOHOL FROM POTATO WASTEWATER**
- Bianca BURGHELEA,*
Coordinator - Dr. Doru BĂNĂDUC
„Lucian Blaga” University of Sibiu, Faculty of Sciences

17³⁰ – 17⁴⁰

HISTORICAL AND PRESENT HUMAN IMPACT ON TIMIȘ RIVER

*Roberta BRUTARU, Diana CÂMPEANU, Mădălina JERPEL,
Oana PUȘCAȘU,*

Coordinator - Dr. Laurian Mugurel GHEORGHE
„Lucian Blaga” University of Sibiu, Faculty of Sciences

17⁴⁰ – 17⁵⁰

**CONTRIBUTIONS TO THE MONITORING OF THE LESSER SPOTTED
EAGLE (*AQUILA POMARINA*) IN ROSPA0098 PIEMONTUL FĂGĂRAȘ
AND ROSPA0099 PODIȘUL HÂRTIBACIULUI"**

Mircea MĂRGINEAN,

Coordinator - Dr. Doru BĂNĂDUC

„Lucian Blaga” University of Sibiu, Faculty of Sciences

17⁵⁰ – 18⁰⁰

**GEOGRAPHICAL AND HUMAN IMPACT ELEMENTS INFLUENCE ON
THE FISH FAUNA OF THE OLTEȚ RIVER (ROMANIA)**

Corina SIMIAN,

Coordinators - Dr. Angela BANADUC, Dr. Stefan SAUTER

University of Chicago, Department of Computer Science

18⁰⁰ – 18¹⁰

APPROACHES FOR THE BONE REMODELLING PROCESS

DISCUSSIONS

18¹⁰ – 18³⁰

SECTION III – ROOM A11

- Andreea ZAHARIA,*
Coordinator - Dr. Voichița GHEOCA
„Lucian Blaga” University of Sibiu, Faculty of Sciences 14⁰⁰ – 14¹⁰
- CONSIDERATIONS REGARDING THE LAND SNAIL FAUNA FROM CHEILE OLTEȚULUI NATURE RESERVE**
- Ioan Viorel DAMIAN, Mihaela Andreea SAVA, Iulia STĂNCULESCU,*
Coordinator - Dr. Daniela-Minodora ILIE
„Lucian Blaga” University of Sibiu, Faculty of Sciences 14¹⁰ – 14²⁰
- THE STUDY OF ARTHROPODS FROM THE SIBIU BASIN**
- Ana DUMITRANA, Dragoș DRĂGHICI, Alecsandra ȚANEA,*
Coordinator - Dr. Horea OLOSUTEAN
„Lucian Blaga” University of Sibiu, Faculty of Sciences 14²⁰ – 14³⁰
- GROUND-DWELLING INVERTEBRATE COMMUNITIES FROM THE „SULINA WILD BEACH” NATURAL RESERVE (DANUBE DELTA, ROMANIA)**
- Elena TUDOR,*
Coordinator - Dr. Daniela-Minodora ILIE
„Lucian Blaga” University of Sibiu, Faculty of Sciences 14³⁰ – 14⁴⁰
- THE ARANEAE STUDY OF SCUNDU AREA (JUDEȚUL VÂLCEA)**
- Corina-Emilia JUDE,*
Coordinator - Dr. Daniela-Minodora ILIE
„Lucian Blaga” University of Sibiu, Faculty of Sciences 14⁴⁰ – 14⁵⁰
- DIURNAL LEPIDOPTEROFAUNA OF RAPOLTU MARE (JUD. HUNEDOARA, ROMANIA)**
- Camelia-Ionela RENTEA,*
Coordinator - Dr. Daniela-Minodora ILIE
„Lucian Blaga” University of Sibiu, Faculty of Sciences 14⁵⁰ – 15⁰⁰
- THE COLEOPTERA FAUNA OF CRÂNGU VILLAGE (VÂLCEA COUNTY, ROMANIA)**
- Ioana Cristina NEGRILĂ,*
Coordinator - Dr. Ioan TĂUȘAN
„Lucian Blaga” University of Sibiu, Faculty of Sciences 15⁰⁰ – 15¹⁰
- EFFECTS OF PRESCRIBED FIRE ON ANT COMMUNITIES (HYMENOPTERA: FORMICIDAE) – CASE STUDY: XERO-MESOPHILE MEADOWS FROM THE NATURA 2000 SITE “DEALURILE CLUJULUI EST”**

<i>Marian Victor CHISALOM,</i> <i>Coordinators - Dr. Corneliu BUCȘA, Dr. Ioan TĂUȘAN</i> <i>„Lucian Blaga” University of Sibiu, Faculty of Sciences</i>	15 ¹⁰ – 15 ²⁰
ANT COMMUNITIES (HYMENOPTERA: FORMICIDAE) FROM THE “IZVOARELE NEREI” NATURE RESERVE (THE SEMENIC-CHEILE CARAȘULUI NATIONAL PARK)	
<i>Cornel-George PLĂIAȘU,</i> <i>Coordinators - Dr. Daniela-Minodora ILIE, Gabriela CUZEPAN</i> <i>„Lucian Blaga” University of Sibiu, Faculty of Sciences</i>	15 ²⁰ – 15 ³⁰
FAUNA AND ECOLOGICAL STUDY OF EPIGEAL BEETLES FROM CRISTIAN (SIBIU, ROMÂNIA)	
<i>Ovidiu-Alexandru POPESCU,</i> <i>Coordinator - Dr. Lucian Dragoș GORGAN</i> <i>“Alexandru Ioan Cuza” University of Iași, Faculty of Biology</i>	15 ³⁰ – 15 ⁴⁰
VIPERA URSINII MOLDAVICA INTRASPECIFIC VARIABILITY ANALYSIS	
<i>Ioan-Aurelian BORDEI,</i> <i>Coordinator - Dr. Ana-Maria BENEDEK</i> <i>„Lucian Blaga” University of Sibiu, Faculty of Sciences</i>	15 ⁴⁰ – 15 ⁵⁰
SMALL MAMMALS FROM THE OUTSKIRTS OF ROMAN (NEAMȚ COUNTY)	
DISCUSSIONS	15 ⁵⁰ – 16 ¹⁰
Coffee break – Individual discussions	16 ¹⁰ - 16 ³⁰

SECTION IV – ROOM A11

- Carmen Mihaela CIOC,*
Coordinator - Dr. Constantin DRĂGULESCU
„Lucian Blaga” University of Sibiu, Faculty of Sciences 16³⁰ – 16⁴⁰
- THE BIOLOGICAL, PHYTOGEOGRAPHICAL AND ECOLOGICAL STUDY OF THE CORMOFLORA IN THE SETTLEMENT OF AȚEL, THE COUNTY OF SIBIU (ROMANIA)**
- Elena-Petronela BRAN,*
Coordinator - Dr. Daniela NICUȚĂ
University "Vasile Alecsandri" of Bacau, Faculty of Science 16⁴⁰ – 16⁵⁰
- STUDIES ON THE MORPHOGENETIC REACTION OF SOME EXPLANTS OF *CALENDULA OFFICINALIS* AND ANALYSIS OF NEW SHOOTS PHYTOCHEMICAL**
- Gabriela-Tatiana ROTILĂ,*
Coordinator - Dr. Daniela NICUȚĂ
University „Vasile Alecsandri” of Bacau, Faculty of Sciences 16⁵⁰ – 17⁰⁰
- OBSERVATIONS REGARDING *IN VITRO* BEHAVIOUR OF *RUBUS HIRTUS* W. ET K. BLACKBERRY SPECIES**
- Ștefan CIOBANU,*
Coordinator - Dr. Daniela NICUȚĂ
University „Vasile Alecsandri” of Bacau, Faculty of Sciences 17⁰⁰ – 17¹⁰
- ASPECTS REGARDING *VACCINIUM CORYMBOSUM* L. MORPHOGENETIC RESPONSE**
- Cristina NESTOR,*
Coordinators - Dr. Maria-Mihaela ANTOFIE, Dr. Camelia SAND
“Lucian Blaga” University of Sibiu, Faculty for Agricultural Sciences, Food Industry and Environment Protection 17¹⁰ – 17²⁰
- STUDY ON THE OFFICIAL RECOGNITION OF THE LOCAL VARIETY "RED ONION OF FĂGĂRAȘ"**
- Diana MARTIN,*
Coordinator - Dr. Maria-Mihaela ANTOFIE
“Lucian Blaga” University of Sibiu, Faculty for Agricultural Sciences, Food Industry and Environment Protection 17²⁰ – 17³⁰
- TRADITIONAL KNOWLEDGE RELATED TO CARAWAY**

Gheorghe-Florin BODNAR,
Coordinator - Dr. Dragoş Lucian GORGAN
"Alexandru Ioan Cuza" University of Iaşi, Faculty of Biology

17³⁰ – 17⁴⁰

**EVALUATION OF ANCIENT DNA RECOVERY FOR HUMAN BONES
FRAGMENTS FROM THE BRONZE**

Viorica MISTREANU,
Coordinator – Dr. Vasile SÂRBU
"Alexandru Ioan Cuza" University of Iaşi, Faculty of Biology

17⁴⁰ – 17⁵⁰

**THE MORPHOLOGICAL VARIATIONS OF DIGITAL FINGERPRINTS
(IAŞI CITY, ROMANIA)**

Paula Alexandra POSTU,
Coordinator - Dr. Lucian HRIŢCU
"Alexandru Ioan Cuza" University of Iaşi, Faculty of Biology

17⁵⁰ – 18⁰⁰

**EFFECTS OF THE METHANOLIC EXTRACT OF *PIPER NIGRUM L.*
FRUITS IN AN ANIMAL MODEL OF ALZHEIMER'S DISEASE
INDUCED BY AB(1-42): SPATIAL MEMORY, DEPRESSION AND
ANXIETY**

DISCUSSIONS

18⁰⁰ – 18³⁰

16th May, 2014

10³⁰ – The visit of the old city of Sibiu

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