



PRELIMINARY PROGRAM OF THE

INTERNATIONAL SYMPOSIUM

ISB-INMA TEH

**AGRICULTURAL AND MECHANICAL
ENGINEERING**

- 2017 -

26 – 28 October

University POLITEHNICA of Bucharest

26 October

- 09⁰⁰ - 09¹⁵ - **Registration of participants to Brokerage**
09¹⁵ - 10⁴⁵ - **BROKERAGE: Agriculture and mechanical engineering company mission (part I):**
Faculty of Biotechnical Systems Engineering (hall D-101)
- 10⁴⁵ - 11⁰⁰ - **Coffee break**
11⁰⁰ - 12⁴⁵ - **BROKERAGE: Agriculture and mechanical engineering company mission (part II):**
Faculty of Biotechnical Systems Engineering (hall D-101)
- 12⁴⁵ - 13¹⁵ - **Coffee break**
- 14⁰⁰ - 15⁰⁰ - **Registration of participants to ISB-INMA TEH 2017 Symposium**
(in front of Festivity Hall "Radu Voinea" - AN 010)
- 15⁰⁰ - 18⁰⁰ - **Opening speech: Festivity Hall "Radu Voinea" (AN 010)**
- **PhD. Eng. Mihnea COSTOIU, Rector – UNIVERSITY POLITEHNICA OF BUCHAREST;**
 - **Prof. PhD. Eng. Ecaterina ANDRONESCU, Senate President - UNIVERSITY POLITEHNICA OF BUCHAREST**
 - **Prof. PhD. Eng. George DARIE - UNIVERSITY POLITEHNICA OF BUCHAREST;**
 - **PhD. Eng. Valentin VLĂDUȚ, General Manager - NATIONAL INSTITUTE OF RESEARCH - DEVELOPMENT FOR MACHINES AND INSTALLATIONS DESIGNED TO AGRICULTURE AND FOOD INDUSTRY (INMA) – BUCHAREST, ROMANIA;**
 - **Michael JAUMANN - Director of the DAAD Bucharest Information Center;**
- **Plenary Presentations**
- 18³⁰ - ... - **Festive Dinner (Politehnica University Library – fourth floor)**

27 October

Politehnica University Library (3.1, 4.1, 4.2, fourth floor Lobby)

- 9⁰⁰ - 9¹⁵ - **Registration of participants**
9¹⁵ - 10³⁰ - **Presentation of papers on sections (ORAL)**
10³⁰ - 14⁰⁰ - **Workshop: "Research in Germany: Funding Opportunities for Romanian PhD-Students and Researchers"**
- 10³⁰ - 10⁵⁰ - **Coffee break**
10⁵⁰ - 12³⁰ - **Presentation of papers on sections (ORAL)**
12³⁰ - 12⁵⁰ - **Coffee break**
12⁵⁰ - 14⁰⁰ - **Presentation of papers on sections (ORAL)**
14⁰⁰ - 15⁰⁰ - **Lunch break**
15⁰⁰ - 17⁰⁰ - **Presentation of papers on sections (POSTER)**
16³⁰ - 17³⁰ - **Roundtable: "Contribution of renewable energy resources from the agro-zootechnical field to environmental protection"**
17³⁰ - 18³⁰ - **Visit of the Laboratories of Faculty of Biotechnical Systems Engineering / INMA Bucharest**

28 October

- 7³⁰ - 20⁰⁰ - **Symposium Trip**
14⁰⁰ - 17⁰⁰ - **Lunch (VALAHIA University of Târgoviște)**

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BROKERAGE: Agriculture and mechanical engineering company mission

Chairman: PhD. Eng. Muraru-Ionel Cornelia, Prof. PhD. Eng. Maican Edmond

(U.P. Bucharest / Faculty of Biotechnical Systems Engineering, Hall D-001)

Organizer: INMA Bucharest

Co-organizers: University Politehnica of Bucharest; Business Support Centre for Small and Medium Size Enterprises-Ruse; Agency for Innovation and Technological Transfer; The Moldavian People's Association of Technology Transfer Networks; Romanian Center for Small and Medium Enterprises Foundation; SC IPA SA; the South-Muntenia Regional Development Agency

BROKERAGE: Agriculture and mechanical engineering company mission (part I)

09⁰⁰ - 10⁴⁵

10⁴⁵ - 11⁰⁰ Coffee break

BROKERAGE: Agriculture and mechanical engineering company mission (part II)

11⁰⁰ - 12⁴⁵

12⁴⁵ - 13¹⁵ Coffee break

SECTION 1 - POWER AND MACHINERY - ORAL PRESENTATION		SECTION 2 - ECOLOGY & ENVIRONMENT - ORAL PRESENTATION	
Chairman: Prof. PhD. Eng. BIRIȘ Sorin / Assist.Prof.Dr. SELVI Kemal / Prof. Ph.D. Eng. PARASCHIV Gigel (Hall 3.1 - Politehnica University Library)		Chairman: PhD. Eng. DEÁK Gyorgy / Assoc. Prof. COVALIU Cristina / PhD. Eng. MATAACHE Mihai (Hall 4.1. -Politehnica University Library)	
<p>KINEMATIC ANALYSIS OF THE MOTOR HEXADE (RRR-Ta-RRR-TRR) / ANALIZA CINEMATICA A HEXADEI MOTOARE (RRR-Ta-RRR-TRR) Prof. Ph.D. Eng. Moise V.*, Assoc. Prof. Ph.D. Eng. Tabără I., Lect. Ph.D. Eng. Dugăeșescu I., Asst. Prof. Ph.D. Eng. Dudici C.L., Asst. Prof. Ph.D. Eng. Niculae E., Asst. Prof.Ph.D.Stud.Eng. Rotaru A., Ph.D. Stud.Eng. Polena A. University Politehnica of Bucharest E-mail: victor.moise@yahoo.com</p>	9 ¹⁵ -9 ³⁰	<p>NANOPARTICLES APPLICATION IN WASTEWATER TREATMENT BY FLOTATION / APLICAREA NANOPARTICULELOR ÎN EPURAREA APELOR PRIN FLOTAȚIE Assoc. Prof. PhD. Eng. Covaliu C.I.*¹⁾, Prof. PhD. Eng. Paraschiv G. ¹⁾, Prof. PhD. Eng. Biris S.Șt. ¹⁾, PhD. Stud. Eng. Gageanu I. ²⁾, PhD. Eng. Moga I.C. ³⁾, PhD. Eng. Matache M. ²⁾, Lect. PhD. Eng. Toma L. ¹⁾ ¹⁾ Politehnica University of Bucharest / Romania; ²⁾INMA Bucharest / Romania; ³⁾SC DFR SYSTEMS SRL / Romania E-mail: cristina_covaliu@yahoo.com</p>	9 ¹⁵ -9 ³⁰
<p>HYDRAULIC COMPONENTS FATIGUE ASSESSMENT BASED ON REAL-LIFE LOAD HISTORIES / EVALUACIÓN DE LA FATIGA DE COMPONENTES HIDRAULICOS BASADA EN HISTORIAS DE CARGA REAL Dr. Pere Roquet Fernández *¹⁾, Ing. Ind. Juan José Pérez¹⁾, Prof. Esteban Codina Macia²⁾, ¹⁾ Roquet Hydraulics, S.L. / Barcelona - SPAIN; ²⁾LABSON-UPC / Barcelona - SPAIN *Tel: 00 34 93 8124664; E-mail: pereroquet@hotmail.com</p>	9 ³⁰ -9 ⁴⁵	<p>STUDY OF POLLUTED SOIL BIOLOGY / STUDIUL BIOREMEDIERII SOLURILOR POLUATE Assoc. Prof. Ph.D.Eng. Rusănescu C.O.*¹⁾, Conf. Ph.D.Eng. Begea M.¹⁾, Prof. Ph.D. Eng. Paraschiv G.¹⁾, Prof. Ph.D. Eng. Biris S. Șt.¹⁾, Prof. Ph.D. Eng. Voicu G.¹⁾, Ph.D Rusănescu M.²⁾ ¹⁾ Politehnica University of Bucharest, Faculty of Biotechnical Systems Engineering / Romania; ²⁾Valplast Industry Bucharest E-mail: rusanescuotilia@gmail.com</p>	9 ³⁰ -9 ⁴⁵
<p>PERFORMANCE TRENDS IN THE FIELD OF MACHINES FOR HARVESTING MEDICINAL AND AROMATIC PLANTS / TENDINȚE DE PERFORMANȚĂ ÎN DOMENIUL MAȘINILOR DE RECOLTAT PLANTE MEDICINALE ȘI AROMATICE Ph.D. Stud. Eng. Muscalu A.*¹⁾, Math. Cârdei P.¹⁾, Prof. Ph.D. Eng. David L.²⁾, Eng. Sfâru R.¹⁾, Ph.D. Stud. Biol. Pruteanu A.¹⁾, Kathijotes N.³⁾ ¹⁾INMA Bucharest / Romania; ²⁾ University Politehnica Bucharest / Romania; ³⁾University of Nicosia / Cyprus E-mail: amuscalis@yahoo.com</p>	9 ⁴⁵ -10 ⁰⁰	<p>THE ROLE OF MATHEMATICAL MODELING IN RESEARCH IN THE FIELD OF BIOACCUMULATION OF HEAVY METALS / ROLUL MODELARII MATEMATICE IN CERCETAREA ÎN DOMENIUL BIOACUMULĂRII METALELOR GRELE Eng. Sfiru R.*¹⁾, Math. Cardei P.*¹⁾, Vlăduț V.¹⁾, Matache M.¹⁾ ¹⁾INMA Bucharest / Romania Tel: 021.269.32.55 E-mail: raluca_sfiru@yahoo.com</p>	9 ⁴⁵ -10 ⁰⁰
<p>EXPERIMENTAL RESEARCHES ON THE NOZZLES FLOW DISTRIBUTION OF SPRAYING MACHINES FOR FIELD CROPS / CERCETĂRI EXPERIMENTALE PRIVIND DISTRIBUȚIA DE DEBIT A DUZELOR MAȘINILOR DE STROPIT ÎN CULTURILE DE CÂMP PhD. Stud. Eng. Nițu (Roșu) M.*¹⁾, Prof. Emeritus PhD. Eng. Căsândroiu T.²⁾, Math. Cârdei P.¹⁾, PhD. Eng. Matache M.¹⁾, PhD. Stud. Eng. Pruteanu A.¹⁾, PhD. Stud. Eng. Găgeanu I.¹⁾, PhD. Stud. Eng. Cujbescu D.¹⁾, Lect. PhD. Eng. Ungureanu N.²⁾ ¹⁾ INMA Bucharest / Romania; ²⁾University Politehnica of Bucharest /Romania E-mail: rosumihaelan@yahoo.com</p>	10 ⁰⁰ -10 ¹⁵	<p>TECHNICAL PROPOSAL FOR IMPROVING THE SEPTAGE RECEIVING STATION IN BUCHAREST / PROPUNERE TEHNICĂ PENTRU ÎMBUNĂȚĂȘIREA STAȚIEI DE RECEPȚIE A NĂMOLULUI PARȚIAL TRATAT DIN BUCUREȘTI Pedon F.¹⁾, Rada E.C.¹⁾, Istrate I.*²⁾, Trincherio A.³⁾ ¹⁾University of Trento, Department of Civil, Environmental and Mechanical Engineering/ Italy; ²⁾University Politehnica Bucharest, Faculty of Biotechnical Systems Engineering / Romania; ³⁾WAMGROUP/ Italy E-mail: ia_istrate@yahoo.com</p>	10 ⁰⁰ -10 ¹⁵
<p>TECHNICAL ACHIEVEMENTS FOR IMPROVING THE WORKING PROCESS OF VERTICAL ROTOR HARROWS / REALIZARI TEHNICE PENTRU ÎMBUNĂȚĂȘIREA PROCESULUI DE LUCRU LA GRAPELE CU ROTOR VERTICAL Ph.D. Stud. Eng. Iordache V., Prof. Habil. Ph.D. Eng. Saracin I.* University of Craiova / Romania E-mail: ion_saracin@yahoo.com</p>	10 ¹⁵ -10 ³⁰	<p>CONSIDERATIONS REGARDING THE UTILIZATION OF MACHINES DESIGNED TO SHRED FOREST RESIDUES FOR BIOMASS PROCESSING / CONSIDERAȚII PRIVIND UTILIZAREA MAȘINILOR DE TOCAT RESTURI FORESTIERE ÎN PRELUCRAREA BIOMASEI PhD. Stud. Eng. Sorică E.¹⁾, PhD. Eng. Vlăduț V.¹⁾, PhD. Eng. Sorică C.¹⁾, PhD. Eng. Matache M.¹⁾, PhD. Stud. Eng. Cujbescu D. ¹⁾, PhD. Stud. Eng. Mircea C.¹⁾, Eng. Grigore A. I.²⁾, Eng. Oprescu M. R.¹⁾, Eng. Neagoie M.¹⁾, Eng. Leșeanu A. ¹⁾ ¹⁾INMA Bucharest, ²⁾MOV INVEST 2002 SRL Tel: 0722.487.889; Fax: 021/269.32.73; E-mail: postelnicu.elena@yahoo.com</p>	10 ¹⁵ -10 ³⁰
10³⁰-10⁵⁰ : Coffee break			

<p>APPLICATION OF SYSTEMIC ANALYSIS METHOD OVER SOIL-TOOL INTERACTION / CERCETARI ASUPRA INTERACTIUNII SCULA-SOL PRIN APLICAREA METODEI DE ANALIZA SISTEMICA PhD. Eng. Fecete T.L.V.¹⁾, PhD. Eng. Ferenc G.¹⁾, PhD. Stud. Eng. Vladutoiu L.²⁾, Mat. Cardei P.²⁾, PhD. Stud. Eng. Sorica E.²⁾ ¹⁾Technical University of Cluj-Napoca / Romania; ²⁾INMA Bucharest / Romania Tel: 0741110559; E-mail: lucian.fecete@auto.utcluj.ro</p>	10 ⁵⁰ -11 ⁰⁰	<p>RECOVERY OF ORGANIC WASTE THROUGH COMPOSTING PROCESS / VALORIFICAREA PRIN COMPOSTARE A REZIDUURILOR ORGANICE Lect. Ph.D. Eng. Dincă M.*¹⁾, Assoc. Prof. PhD. Eng. Ferdeş M.¹⁾, Prof. Ph.D. Eng. Paraschiv G.¹⁾, Lect. Ph.D. Eng. Ungureanu N.¹⁾, As. Ph.D. Stud. Eng. Zăbavă B.¹⁾, Lect. Ph.D. Eng. Ionescu M.¹⁾, Ph.D. Eng. Moiceanu G.¹⁾ ¹⁾ University Politehnica of Bucharest, Faculty of Biotechnical Systems Engineering / Romania; Tel: 0761938017; E-mail: mirela_dilea@yahoo.com</p>	10 ⁵⁰ -11 ⁰⁰
<p>STATION FOR SEEDBED PREPARATION AND MAINTENANCE IN VEGETABLE GROWING / SECTIE PENTRU FREZA DE PREGATIRE A PATULUI GERMINATIV SI INTRETINERE IN LEGUMICULTURA Prof. Habil. Ph.D. Eng. Saracin I.¹⁾, Ass. Prof.Ph.D. Eng. Pandia O.²⁾, Ph.D. Stud. Eng Saracin I.A.³⁾ ¹⁾University of Craiova/Romania;²⁾ University of Agricultural Sciences and Veterinary Medicine Bucharest/Romania; ³⁾University Politehnica of Bucharest / Romania E-mail: ion_saracin@yahoo.com</p>	11 ⁰⁰ -11 ¹⁰	<p>TUTA ABSOLUTA - WHAT IMPACT FOR BIODIVERSITY? / TUTA ABSOLUTA – CE IMPACT ARE ASUPRA BIODIVERSITĂȚII? Eng. Husariu V., Prof. Ph.D.Eng. Badulescu L., Ph.D.Eng. Ciceoi R.* Research Center for Studies of Food Quality and Agricultural Products, University of Agronomic Sciences and Veterinary Medicine Bucharest / Romania E-mail: roxana.ciceoi@gmail.com</p>	11 ⁰⁰ -11 ¹⁰
<p>EXPERIMENTAL RESEARCHES REGARDING THE QUALITATIVE WORKING INDEXES OF A SOWING MACHINE DESIGNED TO DIRECT ESTABLISHMENT OF STRAW CEREAL CROPS / CERCETĂRI EXPERIMENTALE PRIVIND INDICI CALITATIVI DE LUCRU AI UNEI SEMĂNĂTORI NOI DESTINATĂ TEHNOLOGIEI DE INFINȚARE DIRECTĂ A CULTURILOR DE CEREALE PĂIOASE Ph.D. Eng. Mateescu M., Ph.D. Eng. Marin E., Ph.D. Eng. Manea D., PhD Stud. Eng. Gheorghe G. INMA BUCHAREST / Romania, Tel: 0756880044; E-mail: marinelamateescu@yahoo.com</p>	11 ¹⁰ -11 ²⁰	<p>RENEWABLE ENERGY IN CONTEXT OF STABLE DEVELOPMENT / ENERGIA REGENERABILĂ ÎN CONTEXTUL DEZVOLTĂRII DURABILE Assoc. Prof. Ph.D. Eng. Simion G.A.C.¹⁾, Lect. Ph.D. Eng. Dinca.M.¹⁾, Ph.D. Eng. Moiceanu G.¹⁾, PhD. Stud. Eng. Chitoiu M.¹⁾ University Polytechnica of Bucharest, Faculty of Biotechnical Systems Engineering / Romania; Tel: 0749028182 E-mail :gacsimion@gmail.com</p>	11 ¹⁰ -11 ²⁰
<p>RESEARCH ON THE IMPLEMENTATION OF USING FEM ANALYSIS TO INCREASE THE TESTING EFFICIENCY FOR RESISTANCE STRUCTURE OF AGRICULTURAL TRACTORS CABINS / CERCETĂRI PRIVIND IMPLEMENTAREA UTILIZĂRII ANALIZEI CU ELEMENTE FINITE PENTRU CREȘTEREA EFICIENȚEI TESTĂRII STRUCTURILOR DE REZISTENȚĂ ALE CABINELOR TRACTOARELOR AGRICOLE Prof. Ph.D. Eng. Biris S.Șt.¹⁾, Prof. Ph.D. Eng. Maican E.¹⁾, Lect. Ph.D. Eng. Ungureanu N.¹⁾, As. Ph.D. Stud. Eng. Gheorghită N.E.¹⁾, Ph.D. Stud. Eng. Perșu C.²⁾, Dr. Sc. Kovacev I.³⁾ ¹⁾ Politehnica University of Bucharest, / Romania;²⁾ INMA Bucharest; ³⁾ Zagreb University / Croatia Tel: 0744756832; E-mail: biris.sorinstefan@gmail.com</p>	11 ²⁰ -11 ³⁰	<p>MODERN TECHNOLOGIES AND INSTALLATIONS FOR THE INDUSTRIAL CULTIVATION OF MICROALGAE TO OBTAIN ALGAL BIOMASS / TEHNOLOGII ȘI INSTALAȚII MODERNE PENTRU CULTIVAREA INDUSTRIALĂ A MICROALGELOR PENTRU OBTINEREA DE BIOMASA ALGALA Ph.D.Eng. Nedelcu A.¹⁾, Prof. Ph.D. Eng. Covaliu C.²⁾, Ph.D.Eng. Popa L. ¹⁾, Ph.D.Eng. Ciuperca R.¹⁾, Eng. Anghelut A.¹⁾ Ph.D. Stud. Eng. Zaica A.¹⁾, Ph.D. Stud. Eng. Mircea C.¹⁾ ¹⁾INMA Bucharest / Romania / University Politehnica Bucharest / Romania Tel: 0734703774; E-mail: anghelut.alexandra@yahoo.com</p>	11 ²⁰ -11 ³⁰
<p>NUMERICAL SIMULATION OF THE DYNAMIC BEHAVIOUR OF A MULTIFUNCTIONAL MOTOR VEHICLE EQUIPPED WITH A PRIMARY ADJUSTMENT HYDROSTATIC TRANSMISSION / SIMULAREA NUMERICĂ A COMPORTĂRII DINAMICE A UNUI AUTOVEHICUL MULTIFUNCȚIONAL DOTAT CU O TRANSMISIE HIDROSTATICĂ CU REGLAJ PRIMAR As. Ph.D. Stud. Eng. Chiriță A.I.P.*¹⁾, Ph.D. Stud. Eng. Dumitrescu L.¹⁾, Dipl. Eng. Sauciu R.¹⁾ ¹⁾ Hydraulics and Pneumatics Research Institute INOE 2000 - IHP / Romania; Tel: +4021.336.39.91; E-mail: chirita.ihp@fluidas.ro</p>	11 ³⁰ -11 ⁴⁰	<p>PRELIMINARY ANALYSIS OF SEDIMENT TRANSPORT IN THE CONTEXT OF THE HYDROTECHNICAL CONSTRUCTIONS INFLUENCE. CASE STUDY BRANCH BALA - DUNĂREA VECHĂ BIFURCATION / ANALIZA PRELIMINARĂ PRIVIND TRANSPORTUL DE SEDIMENTE ÎN CONTEXTUL INFLUENȚEI CONSTRUCȚIILOR HIDROTEHNICE. STUDIUL DE CAZ BIFURCAȚIA BRAȚ BALA – DUNĂREA VECHĂ Nicolae A.¹⁾,²⁾, Deák G.¹⁾, Tudor G.*¹⁾, Zamfir Șt.¹⁾,²⁾, Georgescu L.²⁾, Cîrstinoiu C.¹⁾, Urițescu B.¹⁾, Raischi M.¹⁾,²⁾, Dănălache T.¹⁾,³⁾, Dăescu A.¹⁾, Badilita A.¹⁾, Cristea A.¹⁾ ¹⁾National Institute for Research and Development in Environmental Protection / Romania; ²⁾“Dunarea de Jos” University of Galati / Romania; ³⁾University of Agronomic Sciences and Veterinary Medicine of Bucharest / Romania E-mail: georgeta.ene@gmail.com</p>	11 ³⁰ -11 ⁴⁰
<p>ANALYTICAL CALCULATION OF GEOMETRIC ELEMENTS NEEDED FOR THE FOREST TERRACES / CALCULUL ANALITIC AL ELEMENTELOR GEOMETRICE NECESARE REALIZĂRII TERASELOR FORESTIERE Ph.D. Eng. & Eng. Tudosoiu C.*¹⁾, Geographer Achim E.¹⁾, Ph.D. Eng. Ganea Christu I.²⁾ ¹⁾INCDS „Marin Drăcea” / Romania, ²⁾INMA Bucharest Tel: 0720835156; E-mail: catalintudosoiu@yahoo.com</p>	11 ⁴⁰ -11 ⁵⁰	<p>ASPECTS REGARDING THE ENVIRONMENTAL IMPACT DUE TO THE USE OF ALTERNATIVE FUELS IN CEMENT MANUFACTURING PROCESS / ASPECTE PRIVIND IMPACTUL ASUPRA MEDIULUI DATORAT UTILIZĂRII COMBUSTIBILILOR ALTERNATIVI ÎN PROCESUL DE FABRICAȚIE A CIMENTULUI Tepes Bobescu L., Istrate I.A.* University Politehnica Bucharest, Faculty of Biotechnical Systems Engineering / Romania; E-mail: ia_istrate@yahoo.com</p>	11 ⁴⁰ -11 ⁵⁰
<p>INFUENCE OF TIRE INFLATION PRESSURE AND WHEEL LOAD ON THE FOOTPRINT BETWEEN SOIL AND TIRE / INFLUENȚA PRESIUNII ÎN PNEU ȘI A ÎNCĂRCĂRII PE ROATĂ ASUPRA PETEI DE CONTACT DINTRE SOL ȘI PNEU Lect. PhD. Eng. Ungureanu N.*¹⁾, PhD. Eng. Vlăduț V.²⁾, Prof. Ph.D. Eng. Biris S.Șt.¹⁾, PhD. Stud. Eng. Persu C.²⁾, PhD. Eng. Vocea I.²⁾, PhD. Stud. Eng. Cujbescu D.²⁾, Lect. Ph.D. Eng. Dincă M.¹⁾, Assist. Ph.D. Stud. Eng. Zăbavă B.Șt.¹⁾ ¹⁾University Politehnica of Bucharest, / Romania; ²⁾INMA Bucharest / Romania Tel: 0724086492; E-mail: nicoletaung@yahoo.com</p>	11 ⁵⁰ -12 ⁰⁰	<p>MONITORING BY ULTRASONIC TELEMETRY OF JUVENILE STURGEON BEHAVIOUR PRODUCED IN AQUACULTURE SYSTEM AND RELEASED IN THE LOWER DANUBE FOR RESTOCKING / MONITORIZAREA PRIN TELEMETRIE ULTRASONICĂ A COMPORTAMENTULUI PUIILOR DE STURIONI PRODUȘI ÎN SISTEM DE ACVACULTURĂ ȘI ELIBERAȚII ÎN DUNĂREA INFERIOARĂ PENTRU REPOPULARE Danalache T.¹⁾,²⁾, Badilita A.M.¹⁾, Deák G.¹⁾, Raischi M.¹⁾,³⁾, Holban E.¹⁾, Cristea A.¹⁾, Zamfir Șt.¹⁾,³⁾, Daescu A.I.¹⁾, Urițescu B.¹⁾, Cîrstinoiu Ctin.¹⁾, Badea G.¹⁾, Gheorghe I.¹⁾, Cornățeanu G.¹⁾, Olteanu M.¹⁾ ¹⁾National Institute for Research and Development in Environmental Protection, Bucharest / România; ²⁾University of Agronomic Sciences and Veterinary Medicine, Bucharest / România; ³⁾“Dunarea de Jos” University of Galati / Romania E-mail: tiberiusdanalache@yahoo.com</p>	11 ⁵⁰ -12 ⁰⁰
<p>AUTONOMOUS DRIP AND SPRINKLER IRRIGATION SYSTEMS INTEGRATED WITH PHOTOVOLTAIC / SISTEME DE IRIGARE AUTONOME PRIN PICURARE ȘI MICROASPERSIUNE INTEGRATE CU INSTALAȚII FOTOVOLTAICE Acad. Bostan I., Prof.Dr.Sc. Bostan V, Prof.Dr.Sc. Dulgheru V.*, Prof.Ph.D. Eng. Sobor I., As.prof. Ph.D. Eng. Secrieru N., As. prof. Ph.D. Eng. Ciobanu O., As. prof. Ph.D. Eng. Ciobanu R., Ph.D. stud. Candraman S., Ph.D. stud. Gladîș V. Technical University of Moldova, Faculties of Mechanical, Industrial Engineering and Transports, and Electronics and Telecommunications / Republic of Moldova Tel: 00373 67441748; E-mail: valeriudulgheru@yahoo.com</p>	12 ⁰⁰ -12 ¹⁰	<p>SOLUTIONS TO ENSURE THE LATERAL CONNECTIVITY ON THE LOWER DANUBE. CASE STUDY EPURAȘU BRANCH / SOLUȚII PRIVIND ASIGURAREA CONECTIVITĂȚII LATERALE PE DUNĂREA INFERIOARĂ. STUDIUL DE CAZ BRAȚUL EPURAȘU Zamfir Șt.¹⁾,²⁾, Deák G.*¹⁾, Raischi M.¹⁾,²⁾, Nicolae A.¹⁾,²⁾, Georgescu L.²⁾, Raischi N.¹⁾, Gheorghe I.¹⁾, Badea G.¹⁾, Olteanu M.¹⁾, Luminăroiu L.¹⁾, Cîrstinoiu C.¹⁾, Badilita A.¹⁾, Dănălache T.¹⁾,³⁾ ¹⁾National Institute for Research and Development in Environmental Protection / Romania; ²⁾“Dunarea de Jos” University of Galati / Romania; ³⁾University of Agronomic Sciences and Veterinary Medicine of Bucharest / Romania E-mail: dkcontrol@yahoo.com</p>	12 ⁰⁰ -12 ¹⁰

<p>RESEARCH ON THE OPTIMAL DESIGN OF THE RETRACTABLE FINGER FROM A COMBINE HARVESTER'S AUGER/ CERCETĂRI PRIVIND PROIECTAREA OPTIMALĂ A UNUI DEGET ESCAMOTABIL AL TRANSPORTORULUI ELCOIDAL DE LA COMBINA DE RECOLTAT CEREALE Ph.D. Stud. Eng. Popa V.¹⁾, Ph.D. Stud. Eng. Popa R.¹⁾, Prof. Ph.D. Eng. Biriş S.Şt.¹⁾, Prof. Ph.D. Eng. Maican E.¹⁾ ¹⁾ Politehnica University of Bucharest, Faculty of Biotechnical Systems Engineering / Romania; Tel: 0744232253; E-mail: vlad_popa90@yahoo.com</p>	12 ¹⁰ -12 ²⁰	<p>EVALUATION OF THE POTENTIAL RISKS OF SEWAGE SLUDGE COMPOST ON THE SOIL-PLANTS SYSTEM / EVALUAREA RISCURILOR POTENŢIALE ALE COMPOSTULUI NĂMOLULUI DE EPURARE ASUPRA SISTEMULUI SOL-PLANTE As. Ph.D. Stud. Eng. Grosu A.C.¹⁾, Prof. Ph.D. Eng. Stan V.¹⁾, Lect. Ph.D. Eng. Matei P.M.¹⁾, ¹⁾University of Agronomic Sciences and Veterinary Medicine of Bucharest, Faculty of Horticulture / Romania Tel: 0722678990; E-mail: alex_dinescu@yahoo.co.uk</p>	12 ¹⁵ -12 ²⁰
<p>COMPARATIVE ANALYSIS OF SOME TIRE DEFORMATION MODELS USED FOR THE PREDICTION OF TRACTION CHARACTERISTICS / ANALIZA COMPARATIVĂ A UNOR MODELE DE DEFORMARE A PNEULUI ÎN SCOPUL OBŢINERII CARACTERISTICILOR DE TRACŢIUNE Prof. Ph.D. Stud. Eng. Roşca R.*, Assoc. Prof. Ph.D. Eng. Cârlescu P., Prof. Ph.D. Eng. Ţenu I. University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iaşi / Romania; Tel: 0232-407561; E-mail: rrosca@uaiasi.ro</p>	12 ²⁰ -12 ³⁰	<p>ESTABLISHMENT OF MUSTARD CROP TO IMPROVE SOIL QUALITY / CONSIDERATII PRIVIND UTILIZAREA CULTURII DE MUSTAR PENTRU ÎMBUNĂTĂŢIREA PROPRIETĂŢILOR SOLULUI PhD. Stud. Eng. Mircea C., PhD. Stud. Eng. Sorică E, PhD. Eng. Sorică C., PhD. Eng. Cujbescu D., PhD. Eng. Persu C., Eng. Anghel A. INMA Bucharest Tel: 0766.420.952; E-mail: costinmircea@yahoo.com</p>	12 ²⁰ -12 ³⁰
12³⁰-12⁵⁰: Coffee break			
<p>STUDIES REGARDING THE TECHNOLOGICAL EFFECT OF A NEW DRYING METHOD ON THE QUALITY OF WHEAT SEEDS/ STUDII CU PRIVIRE LA EFECTUL TEHNOLOGIC AL UNEI NOI METODE DE USCARE ASUPRA SEMINŢELOR DE GRĂU Asist. Ph.D. Eng. Arsenoia V.N.¹⁾, Conf. Ph.D. Eng. Cârlescu P.M.¹⁾, Prof. Ph.D. Eng. Roşca R.¹⁾, Prof. Ph.D. Eng. Ţenu I.¹⁾ ¹⁾ University of Applied Life Sciences and Environment "Ion Ionescu de la Brad", Iaşi Tel: 0722508104; E-mail: vnarsenoia@uaiasi.ro</p>	12 ⁵⁰ -13 ⁰⁰	<p>MODERN TECHNOLOGIES FOR THE USE OF ALGAL BIOMASS FOR THE PRODUCTION OF ALTERNATIVE FUELS/ TEHNOLOGII MODERN DE UTILIZARE A BIOMASEI ALGALE PENTRU OBŢINEREA DE COMBUSTIBILI ALTERNATIVI Eng. Anghel A., Ph.D. Eng. Nedelcu A.*, Ph.D. Stud. Eng. Mircea C., Eng. Dumitru I., Eng. Dumitru D., Eng. Cristescu A. INMA Bucharest / Romania E-mail: anghel.alexandra@yahoo.com</p>	12 ⁵⁰ -13 ⁰⁰
<p>EXPERIMENTAL RESEARCH ON COUPLING DEVICES / CERCETĂRI EXPERIMENTALE PRIVIND DISPOZITIVELE DE CUPLARE PhD. Stud. Eng. Mircea D.I.*¹⁾, PhD. Eng. Vlăduţ V.²⁾, PhD. Eng. Matache M.²⁾, PhD. Stud. Eng. Persu C.²⁾, PhD. Eng. Vocea I.²⁾, PhD. Stud. Eng. Cujbescu D.²⁾, Eng. Dumitru I.²⁾, PhD. Stud. Eng. Oprescu M.²⁾, Eng. Iuga D.³⁾, Lect. PhD. Eng. Ungureanu N.¹⁾ ¹⁾University Politehnica of Bucharest / Romania; ²⁾INMA Bucharest / Romania; ³⁾SC METROUL SA / Romania E-mail: mircea.ionut@gmail.com</p>	13 ⁰⁰ -13 ¹⁰	<p>CALLING UPON THE SMART NETWORKS AND APPLYING THEM TO THE LEVEL OF THE ENERGY UNITS INTEGRATED INTO THE COMPETITIVE ENERGY MARKET / APELAREA LA REŢELELE SMART ŞI APLICAREA ACESTORA LA NIVELUL UNITĂŢILOR ENERGETICE INTEGRATE PIEŢEI CONCURENŢIALE DE ENERGIE PhD.Stud.Eng. Radu O., PhD.Eng. Muraru C., PhD.Stud.Eng. Muraru S., PhD.Stud. Sorică E., PhD. Eng.Sorică C. INMA Bucharest Tel: 0761.052.624; Fax: 021/269.32.73; E-mail: diana10.cristea@yahoo.com</p>	13 ⁰⁰ -13 ¹⁰
<p>THEORETICAL DETERMINATION OF THE PARAMETERS OF MATERIAL JUMPS ON THE ACTIVE SURFACE OF THE ROLLING SCREENS PROVIDED WITH ELLIPTICAL SHAKING ROLLS / DETERMINAREA TEORETICĂ A PARAMETRILOR SALTURILOR MATERIALULUI PE SUPRAFAŢA ACTIVE A SITELOR CILINDRICE PREVĂZUTE CU ROLE DE AGITARE ELIPTICE Prof. Ph.D. Eng. Safta V.V. University Politehnica of Bucharest E-mail: saftavictorviorel@yahoo.com</p>	13 ¹⁰ -13 ²⁰	<p>ELECTROCHEMICAL REMEDIATION OF SOILS IN CASE OF A COMPLEX POLLUTANT MIXTURE / REMEDIEREA ELECTROCHIMICĂ A SOLURILOR ÎN CAZUL UNUI AMESTEC POLUANT COMPLEX Istrate I.A.*¹⁾, Dumitru D.M.²⁾, Cocarta D.M.²⁾ ¹⁾University Politehnica Bucharest, Faculty of Biotechnical Systems Engineering / Romania; ²⁾University Polytechnic Bucharest, Faculty of Power Engineering / Romania; E-mail: ia_istrate@yahoo.com</p>	13 ¹⁰ -13 ²⁰
<p>ANALYSIS OF THE RESEARCH STAGE REGARDING THE CONSTRUCTIVE OPTIMIZATION OF TANK-CONTAINERS FOR LIQUID AGRI-FOOD PRODUCTS / ANALIZA STADIULUI CERCETĂRII PRIVIND OPTIMIZAREA CONSTRUCTIVĂ A CONTAINERELOR-CISTERNE PENTRU PRODUSE AGRO-ALIMENTARE LICHIDE Ph.D. Stud. Eng. Milian G.¹⁾, Prof. Ph.D. Eng. Biriş S.Şt.¹⁾ ¹⁾ Politehnica University of Bucharest, Faculty of Biotechnical Systems Engineering / Romania; Tel: 0766453970; E-mail: gabi_isb@yahoo.com</p>	13 ²⁰ -13 ³⁰	<p>DESIGNING, EXPERIMENTING AND EXECUTING AN RECIRCULATION AQUACULTURE SYSTEM FOR FISH BREEDING / PROIECTAREA, EXPERIMENTAREA ŞI EXECUTAREA UNUI SISTEM ACVACOL RECIRCULANT DE CREŞTERE A PEŞTELOR PhD. Eng. Caba I.¹⁾, PhD. Stud. Eng. Laza E-A.²⁾, PhD. Eng. Bungescu S.T.³⁾, PhD.Eng.Vlăduţ N.V.⁴⁾ ^{1) 2) 4)} INMA Bucharest- Branch Timisoara / Romania, ³⁾USAMVBT - Timisoara / Romania Tel:0256.499.336; E-mail:inmatm_caba@yahoo.com</p>	13 ²⁰ -13 ³⁰
<p>EXPERIMENTAL RESEARCHES REGARDING THE ACCURATE ASSESSMENT OF DISTRIBUTION OF SPRAYED SOLUTION OBTAINED BY A NEW TECHNICAL EQUIPMENT FOR FOLIAR FERTILIZATION IN AGRICULTURE / CERCETĂRI EXPERIMENTALE PRIVIND EVALUAREA PRECISĂ A DISTRIBUŢIEI SOLUŢIEI PULVERIZATE OBŢINUTE DE UN ECHIPAMENT TEHNIC NOU PENTRU FERTILIZAREA FOLIARĂ ÎN POMICULTURĂ PhD Stud. Eng.Dumitraşcu A.*, Ph.D. Eng. Mateescu M., PhD Stud.Eng. Gheorghie G., PhD Stud.Eng. Cujbescu D.,PhD Stud.Eng. Persu C., Ph.D. Eng. Marin E. INMA BUCHAREST / Romania, Tel: 0761602569; E-mail: a.dumi@yahoo.com</p>	13 ³⁰ -13 ⁴⁵	<p>ASSESSMENT OF PEDOLOGICAL STRESS IN ROMANIA BASED ON DROUGHT INDICES / EVALUAREA STRESULUI PEDOLOGIC IN ROMANIA PE BAZA INDICILOR DE SECETA Ciobotaru N., Matei M.*, Laslo L., Boboc M., Nicolescu A., Deák G. National Research and Development Institute for Environmental Protection / Romania E-mail: monicamatei06@gmail.com</p> <p>CONCEPTION AND DEVELOPMENT OF TECHNICAL SYSTEMS FOR SUSTAINABLE AGRICULTURE / CONCEPŢIA ŞI DEZVOLTAREA SISTEMELOR TEHNICE PENTRU AGRICULTURA SUSTENABILĂ Ph.D. Eng. Muraru V.*, Math Cardei P., Ph.D. Eng. Muraru-Ionel C., Ph.D. Stud. Eng. Murau S., Eng. Sfiru R., Ph.D. Eng. Radu O., Eng. Condruz P. INMA Bucharest / Romania E-mail: virgil.muraru@gmail.com</p>	13 ³⁰ -13 ⁴⁰ 13 ³⁰ -13 ⁵⁵
14⁰⁰-15⁰⁰ Lunch			

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SECTION 3 - FOOD INDUSTRY - ORAL PRESENTATION		SECTION 3 - FOOD INDUSTRY - POSTER PRESENTATION	
Chairman: Prof. PhD. Eng. VOICU Gheorghe / Ph.D. Eng. VLĂDUȚ Valentin / Assoc. Prof. BEGEA Mihaela (Hall 4.2 - Politehnica University Library)		Chairman: Assoc. Prof. PhD. Biochem. FERDEȘ Mariana / Ph.D. Eng. VINTILĂ Marian (Fourth Floor Lobby - Politehnica University Library)	
GENERAL MECHANIZATION OF SHELLED HAZELNUT PROCESSING PLANTS / <i>KABUKLU FINDIK İŞLEME TESİSLERİNİN GENEL MEKANİZASYONU</i> Assist.Prof.Dr. Selvi K.Ç.* Department of Agriculture Machinery and Technologies Engineering, Faculty of Agriculture, Ondokuz Mayıs University, Atakum, Samsun, TURKEY; Tel: + 90 362 312 19 19 / 1259; E-mail: kcselvi@omu.edu.tr	9 ¹⁵ -9 ³⁰	DOLJANA, A NEW VARIETY OF COWPEA (<i>Vigna unguiculata L.Walp.</i>) RECOMMENDED ON SANDY SOILS / <i>DOLJANA, UN NOU SOI DE FASOLIȚĂ (Vigna unguiculata L.Walp.) RECOMANDAT PE SOLURILE NISIPOASE</i> Drăghici R.*, Drăghici I., Croitoru M., Diaconu A., Dima M. Development & Research Center for Agricultural Plants on Sands, Dabuleni / Romania E-mail: retadraghici@yahoo.com	9 ¹⁵ -9 ³⁰
THE DECLINE IN VIABILITY AND VIGOUR OF THE HYBRID MAIZE (<i>ZEA MAYS L.</i>) SEED UNDER THE INFLUENCE OF GENOTYPE, DURATION AND THE FACTORS OF THE STORAGE ECOSYSTEM / <i>DECLINUL VIABILITĂȚII ȘI VIGORII SEMINȚEI HIBRIDE DE PORUMB, SUB INFLUENȚA GENOTIPULUI, DURATEI ȘI A FACTORILOR ECOSISTEMULUI DE PĂSTRARE</i> Moldovan G.* ¹ , Barbos A. ² ¹ Agricultural Research and Development Station Turda, /Romania; ² National Inspection for Quality of Seeds. Cluj-Napoca, /Romania E-mail: moldgrig@yahoo.com	9 ³⁰ -9 ⁴⁵	PRELIMINARY RESULTS REGARDING THE INFLUENCE OF SOWING AND SEEDBED PREPARATION WORKS ON THE PRODUCTION OF RYE / <i>REZULTATE PRELIMINARE PRIVIND INFLUENȚA SEMĂNATULUI ȘI A LUCRĂRILOR DE PREGĂTIRE A PATULUI GERMINATIV ASUPRA PRODUCȚIEI LA SECARĂ</i> Drăghici I.*, Drăghici R., Croitoru M. Development & Research Center for Agricultural Plants on Sands Dabuleni / Romania E-mail: iuliandraghici54@yahoo.com	9 ³⁰ -9 ⁴⁵
THE INFLUENCE OF THYMUS VULGARIS L. ESSENTIAL OIL TOWARDS GERMINATION OF ZEA MAYS CARYOPSES / <i>INFLUENȚA ULEIULUI ESENTIAL DE THYMUS VULGARIS ASUPRA GERMINĂȚIEI CARIOPSELOR DE ZEA MAYS</i> Ph.D. Stud. Eng. Fatu V.* ^{1,2} , Ph.D.Stud. Eng. Dudoiu R. ^{1),2)} , Ph.D. Lupu C. ²⁾ , Ph.D. Petrisor C. ²⁾ , Dima M. ³⁾ ¹ University of Agronomical Science and Veterinary Medicine, Faculty of Agriculture, Bucharest; ² RDIPP, Bucharest ³ Plants Crops Research and Development Center on Sandy Soils, Victorie Street, Dabuleni, Romania Tel: 0729263874; E-mail: fatu_viorel@yahoo.com	9 ⁴⁵ -9 ⁵⁵	RESEARCH ON VITALITY POLLEN CORRELATED WITH METEOROLOGICAL CONDITIONS TO THE PEACH AND NECTARIN ROMANIAN VARIETIES / <i>CERCETĂRI PRIVIND VITALITATEA POLENULUI ÎN CORELARE CU CONDIȚIILE METEOROLOGICE LA SOIURI ROMÂNEȘTI DE PIERȘIC ȘI NECTARIN</i> Iordache M.*, Dumitru M., Ilie A., Coroianu L. Stațiunea de Cercetare Dezvoltare Pomicolă Băneasa, Bucuresti / Romania E-mail: mioaraordache@yahoo.com	9 ⁴⁵ -9 ⁵⁵
EPIZOOTIOLOGICAL PARAMETERS OF BEAUVERIA BASSIANA MYCOSIS IN A LEPTINOTARSA DECEMLINEATA POPULATION / <i>PARAMETRII EPIZOOTICI AI MICOZEI DETERMINATA DE BEAUVERIA BASSIANA INTR-O POPULATIE DE LEPTINOTARSA DECEMLINEATA</i> Ph.D. Stud. Dinu M.M.*, Ph.D. Stud. Eng. Fătu A.C., Ph.D. Andrei A-M Research-Development Institute for Plant Protection, Bucharest, Romania E-mail: frommaca@gmail.com	9 ⁵⁵ -10 ⁰⁵	5STIMULATION OF TOMATO SEEDS BY INFRARED RADIATION / <i>СТИМУЛИРОВАНИЕ СЕМЯН ТОМАТОВ ИНФРАКРАСНЫМ ИЗЛУЧЕНИЕМ</i> Grishina S.Yu., Kuznetsov Yu.A., Goltsova L.I., Kalashnikova L.V., Faculty of Agrotechnics and Energy Supply, Orel State Agrarian University, Orel / Russian Federation Tel: +7-920-828-92-19; E-mail: kentury@rambler.ru	9 ⁵⁵ -10 ⁰⁵
INFLUENCE OF THE PLANTING TIME IN FIELD ON THE TUBERS PRODUCTION OBTAINED FROM SWEET POTATO VARIETIES UNDER THE CONDITIONS OF SANDY SOILS / <i>INFLUENȚA EPOCII DE PLANTARE ÎN CÂMP ASUPRA PRODUCȚIEI DE TUBERCULI OBTINUTĂ LA UNELE SOIURI DE CARTOF DULCE ÎN CONDIȚIILE SOLURILOR NISIPOASE</i> Diaconu A., Drăghici R., Croitoru M., Drăghici I., Dima M., Coteț Gh., Paraschiv A. Development & Research Center for Agricultural Plants on Sands Dăbuleni / Romania E-mail: aureliadiaconu@yahoo.com	10 ⁰⁵ -10 ¹⁵	CONSIDERATIONS ON REDUCING GRAIN STORAGE LOSSES IN ORDER TO INCREASE FOOD SECURITY FOR POPULATION / <i>CONSIDERAȚII PRIVIND REDUCEREA PIERDERILOR LA DEPOZITAREA CEREALELOR PENTRU A SPORI SECURITATEA ALIMENTARĂ A POPULAȚIEI</i> PhD. Stud Eng. Zaica Al.* ¹⁾ , PhD. Eng. Paun A. ¹⁾ , PhD. Eng. Gageanu P. ¹⁾ , PhD. Stud. Zaica A. ¹⁾ , Eng. Bunduchi G. ¹⁾ , PhD. Eng. Bracacescu C. ¹⁾ I.N.M.A. Bucharest / Romania Tel: 0726147336; E-mail: zaica_alexandru@yahoo.com	10 ⁰⁵ -10 ¹⁵
STUDIES AND RESEARCHES REGARDING THE OTIMIZATION OF WATER QUALITY FROM AN RECIRCULATING AQUACULTURE SISTEM USING A WATER DENITIFYNG INSTALLATION / <i>STUDII ȘI CERCETĂRI PRIVIND OPTIMIZAREA CALITĂȚII APEI DINTR- UN SISTEM ACVACOL RECIRCULANT UTILIZĂND O INSTALAȚIE PENTRU DENITRIFICAREA APEI</i> PhD. Stud. Eng. Laza E-A.*, PhD. Eng. Caba I., PhD. Eng. Pop A., Phd. Eng. Costin M., Eng. Anghel A., PhD Eng. Voicea I., Eng. Tudora C., Teh. Neagoe M. INMA Bucharest – Branch Timisoara / Romania Tel:0256.499.336; E-mail: eveline_anda@yahoo.com	10 ¹⁵ -10 ³⁰	INFLUENCE OF GRAIN TYPE ON THE INSECTICIDAL PROPERTY OF DIATOMACEOUS EARTH AGAINST CONFUSED FLOUR BEETLE, TRIBOLIUM CONFUSUM (HERBST) / <i>INFLUENȚA TIPULUI DE CEREALE PRIVIND PROPRIETATEA INSECTICIDĂ A DIATOMITULUI ÎMPOTRIVA GÂNDACULUI FĂINII, TRIBOLIUM CONFUSUM (HERBST)</i> Chiriloaie A. *, Ph.D. Stud. Eng. Fătu V. Research-Development Institute for Plant Protection, Bucharest, Romania E-mail: andrei.chiriloaie@gmail.com	10 ¹⁵ -10 ³⁰
10³⁰-10⁵⁰ Coffee break			
SEMI-AUTOMATIC GRAFTING SYSTEM USED ON SEEDLINGS PRODUCTION AT HORTING INSTITUTE - TECHNICAL AND ECONOMIC ASPECTS / <i>ASPECTE TEHNICE ȘI ECONOMICE PRIVIND UTILIZAREA SISTEMULUI SEMIAUTOMAT DE AL TOIRE LA MICROSEREA DE RĂSADURI A I.C.D.I.M.P.H. – HORTING</i> Dumitrescu I. L. *, Bogoescu M. Research and Development Institute for Processing and Marketing of the Horticultural Products – Bucharest / Romania E-mail: lucianadumitrescu59@gmail.com	10 ⁵⁰ -11 ¹⁰	FINAL FERMENTATION OF BREAD DOUGH - REQUIREMENTS, CONDITIONS, MACHINERY. A SHORT REVIEW / <i>FERMENTAREA FINALĂ A ALUATULUI DE PÂINE - CERINȚE, CONDIȚII, UTILAJE. A SHORT REVIEW</i> Ph.D. Stud. Eng. Istodor A., Prof. Ph.D. Eng. Voicu Gh.*, Ph.D. Stud. Eng. Muscalu Gh., As. Ph.D. Stud. Eng. Munteanu M. University Politehnica of Bucharest E-mail: ghvoicu_2005@yahoo.com	10 ⁵⁰ -11 ¹⁰

<p>CONSIDERATIONS ON THE IMPORTANCE OF LIQUORICE ACTIVE PRINCIPLES / CONSIDERATIILE PRIVIND IMPORTANTA PRINCIPILOR ACTIVE ALE LEMNULUI DULCE PhD. Stud. Eng. Mircea C., PhD. Stud. Eng. Sorică E., PhD. Eng. Sorică C., PhD. Eng. Brăcăcescu C., PhD. Stud. Eng. Zaica Al., PhD. Stud. Eng. Zaica A., Eng. Anghelut A., Eng. Dumitru D.M., Eng. Cristescu A.C. INMA Bucharest Tel: 0766.420.952; E-mail: costinmircea@yahoo.com</p>	11 ⁰⁰ -11 ³⁰	<p>ROLE OF SOME APPLICATION TREATMENTS IN IMPROVING STORABILITY OF TOMATOES (LYCOPERSICON ESCULENTUM MILL.) HYBRID NEWTON / دور بعض المعاملات في تحسين القابلية التخزينية لثمار الطماطة هجين نيوتن Prof. Ph.D. Dhia Ahmed Taain, Prof. Ph.D. A. M. ABD, Researcher. Noor Abdel-Zahra JABER Department of Horticulture and Landscape, College of Agriculture, University of Basrah, Iraq Tel:07811351562; E-mail: golden_fruit@yahoo.com</p>	11 ⁰⁰ -11 ³⁰
<p>ASPECTS REGARDING THE ASEPTIC PACKAGING OF FOOD PRODUCTS ASPECTE PRIVIND AMBALAREA ASEPTICĂ A PRODUSELOR ALIMENTARE Prof. Ph.D. Eng. Voicu Gh.*¹⁾, Lect. Ph.D. Eng. Constantin G.A.¹⁾, Lect. Ph.D. Eng. Stefan E.M.¹⁾, Lect. Ph.D. Eng. Tudor P.¹⁾, As. Eng. Munteanu M.G.¹⁾, PhD.Eng. Zelaziński T.²⁾ ¹⁾University Politehnica of Bucharest / Romania; ²⁾Warsaw University of Life Sciences– SGGW / Poland E-mail: ghvoicu_2005@yahoo.com</p>	11 ³⁰ -11 ⁵⁰	<p>CONSIDERATIONS REGARDING TO IMPORTANCE OF THE ROSEMARY CULTURE IN TERMS OF THE BENEFITS AS MEDICINAL PLANTS / CONSIDERAȚII PRIVIND IMPORTANȚA CULTURII DE ROZMARIN DIN PUNCT DE VEDERE AL BENEFICIILOR ADUSE CA PLANTĂ MEDICINALĂ Eng. Neagoe M.*¹⁾, PhD. Eng. Sorică C.¹⁾, PhD. Stud. Eng. Sorică E.¹⁾, Leșeanu A.¹⁾, Eng. Grigore A. I.²⁾ ¹⁾INMA Bucharest / Romania; ²⁾MOV INVEST 2002 SRL / Romania Tel: 0722.487.889; Fax: 021/269.32.73; E-mail: mikyscorpio@yahoo.com</p>	11 ³⁰ -11 ⁵⁰
<p>AQUAPONICS, AN INNOVATIVE TECHNOLOGY FOR FOOD PRODUCTION AND A NEW RESEARCH DIRECTION IN ROMANIA IN THE FIELD OF HORTICULTURE AND THE FIELD OF MASS AND HEAT TRANSFER / ACVAPONIA, O TEHNOLOGIE INOVATIVĂ PENTRU PRODUCEREA HRANEI ȘI O DIRECȚIE NOUĂ DE CERCETARE, ÎN ROMÂNIA, ÎN DOMENIILE HORTICOL SI AL TRANSFERULUI DE MASA SI CALDURA. Bulbuc C.*¹⁾, Bogoescu M., Vintila M., Dumitrescu I.L. Research and Development Institute for Processing and Marketing of the Horticultural Products – Bucharest / Romania E-mail: bulbuc.cristian@yahoo.com</p>	11 ⁵⁰ -12 ¹⁰	<p>THEORETICAL ASPECTS REGARDING THE PREPARATION PROCESS OF HARD DOUGH PRODUCTS / ASPECTE TEORETICE PRIVIND PROCESUL DE FABRICARE A PRODUSELOR PE BAZĂ DE ALUAT TARE As. Ph.D Stud. Eng. Munteanu M.*¹⁾, Prof. Ph.D. Eng. Voicu G., Assoc. Prof. PhD. Ferdeș M., Lect. Ph.D. Eng. Stefan M.E., As. Ph.D Stud. Eng. Zăbavă B., Lect. Ph.D. Eng. Istrate I., Lect. Ph.D. Eng. Dincă M. University Politehnica of Bucharest E-mail: munteanumaya@yahoo.com</p>	11 ⁵⁰ -12 ¹⁰
<p>THE EFFECT OF MOISTURE CONTENT ON SOME PHYSICAL PROPERTIES OF CORN GRAIN / INFLUENȚA CONȚINUTULUI DE UMIDITATE ASUPRA UNOR PROPRIETĂȚI FIZICE ALE PORUMBULUI Lect. Ph.D. Eng. Ștefan E.M.*¹⁾, Prof. Ph.D. Eng. Voicu Gh., Lect. Ph.D. Eng. Constantin G.A., Assoc.Prof. Ph.D. Eng. Ferdeș M., As.Ph.D. Stud. Eng. Munteanu M. University Politehnica of Bucharest E-mail: stefanelenamadalina@gmail.com</p>	12 ¹⁰ -12 ³⁰	<p>RESEARCH ON FREEZING BEHAVIOR OF SOME STRAWBERRY FRUIT GROWN IN ROMANIA / CERCETĂRI PRIVIND CONGELAREA UNOR FRUCTE DE CĂPȘUN CULTIVATE ÎN ROMÂNIA Vintilă M.*¹⁾, Moise D., Popescu S., Dumitrescu I. L. Research and Development Institute for Processing and Marketing of the Horticultural Products – Bucharest / Romania E-mail: marian.vintila57@yahoo.com</p>	12 ¹⁰ -12 ³⁰
12³⁰-12⁵⁰: Coffee break			
<p>ANALYSIS OF POLYPHENOLS, FLAVONOIDS AND HERBAL MINERAL CONTENT OF <i>Lophanthus anisatus</i> / ANALIZA POLIFENOLILOR, FLAVONOIDELOR ȘI CONȚINUTULUI DE MINERALE DIN HERBA USCATĂ DE <i>Lophanthus anisatus</i> Assoc. Prof. PhD. Pharm. Eng. Popescu C.*^{2,3)}, PhD. Pharm. Popescu (Popiniuc) Ca.^{1,5)}, Eng. Manea Șt.²⁾, Eng. Orita C.⁶⁾, PhD. Stud. Eng. Pruteanu A.⁴⁾, Ch.Eng. Dune A.²⁾, PhD. Pharm. Popescu B.⁶⁾ ¹⁾University of Medicine and Pharmacy "Carol Davila" Bucharest / Romania; ²⁾S.C. HOFIGAL Export Import S.A., Bucharest / Romania; ³⁾Faculty of Pharmacy, "Vasile Goldiș" Western University, Arad / Romania; ⁴⁾INMA Bucharest / Romania; ⁵⁾Innergy (SC INNER Chi Nature srl) / Romania; ⁶⁾SC Powerpharm Bucuresti / Romania Tel: +4 0722611658, e-mail: popescu_carmen88@yahoo.com</p>	12 ⁵⁰ -13 ⁰⁰	<p>CONSIDERATIONS ON THE IMPACT OF HEAVY METALS IN SOIL ACCUMULATED IN FRUITS AND VEGETABLES ON HUMAN HEALTH / CONSIDERATIILE PRIVIND IMPACTUL METALELOR GRELE DIN SOL ACUMULATE IN FRUCTE SI LEGUME ASUPRA SANATATII OMULUI Pruteanu A.*¹⁾, Bordean D.M.²⁾, Vladut V.¹⁾, Voiea I.¹⁾, Matache M.¹⁾, Nitu M.¹⁾, Popescu C.*^{3,4)} ¹⁾INMA Bucharest / Romania; ²⁾Banat's University of Agricultural Sciences and Veterinary Medicine, Faculty of Food Processing Technology / Romania; ³⁾S.C. HOFIGAL Export Import S.A., Bucharest / Romania; ⁴⁾ Faculty of Pharmacy, "Vasile Goldiș" Western University, Arad / Romania; Tel: +4 0740690268, e-mail: pruteanu_augustina@yahoo.com</p>	12 ⁵⁰ -13 ⁰⁰
<p>RESEARCHES ON THE DETERMINATION OF THE ENERGY INDICES OF A FAST FREEZING EQUIPMENT / CERCETĂRI PRIVIND DETERMINAREA INDICILOR ENERGETICI AI UNUI ECHIPAMENT DE CONGELARE RAPIDA Sorica C.¹⁾, Vintila M.²⁾, Vladut V.¹⁾, Matache M.¹⁾, Sorica E.¹⁾, Grigore I.¹⁾ ¹⁾INMA Bucharest / Romania; ²⁾CDIMPH-Horting / Romania Tel: 0722.487.889; E-mail: cri_sor2002@yahoo.com</p>	13 ⁰⁰ -13 ¹⁰	<p>SOME ISSUES REGARDING MAINTAINING OF THE QUALITY AFTER HARVESTING OF THE PEACHES / ASPECTE PRELIMINARE PRIVIND MENTINEREA CALITATII PIERSICILOR DUPA RECOLTARE Veringă D.*¹⁾, Stanca M., Vintilă M. Research and Development Institute for Processing and Marketing of the Horticultural Products – Bucharest / Romania E-mail: veringa.daniela@yahoo.com</p>	13 ⁰⁰ -13 ¹⁰
<p>CONSIDERATIONS REGARDING VERTICAL DRYERS FOR CEREAL AND TECHNICAL PLANT SEEDS / CONSIDERATIILE PRIVIND USCATOARELE VERTICALE DE SEMINTE DE CEREALE SI PLANTE TEHNICE PhD. Stud. Eng. Bîrsan M.*¹⁾, Sef de lucrari Ph.D. Eng. Cârlescu P.²⁾, Prof. Ph.D. Eng. Țenu I.²⁾, Ph.D. Stud. Eng. Muscalu A.¹⁾ ¹⁾INMA Bucharest / Romania; ²⁾University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" / Romania E-mail: marymmsa@yahoo.com</p>	13 ¹⁰ -13 ²⁰	<p>RESEARCHES CONCERNING THE BEHAVIOUR OF SHASTA PEACH VARIETY GROWN ÎN THE DOBROGEA AREA / CERCETĂRI PRIVIND COMPORTAMENTUL SOIULUI DE PIERSIC SHASTA CULTIVAT ÎN ZONA DOBROGEANĂ Alexe C.¹⁾, Caplan I.²⁾, Lamureanu Gh.²⁾, Vintila M.¹⁾ ¹⁾Research and Development Institute for Processing and Marketing of the Horticultural Products – Bucharest / Romania ²⁾Research Station for Fruit Growing Constanta / Romania E-mail: tantialexe@yahoo.com</p>	13 ¹⁰ -13 ²⁰
<p>RESEARCHES ABOUT THE BIOCHEMICAL COMPOSITION OF <i>SAMBUCUS EBULUS L.</i> LEAVES AND THEIR ORIENTATION FOR NATURAL TREATMENTS / CERCETĂRI ASUPRA COMPOZIȚIEI BIOCHIMICE A FRUNZELOR DE <i>SAMBUCUS EBULUS L.</i> ȘI ORIENTAREA EI PENTRU TRATAMENTE NATURISTE Ass. Prof.Ph.D. Eng. Pandia O.*¹⁾, Prof. Habil. Ph.D. Eng. Sărăcin I.²⁾, Ph.D. Stud. Tănăsie Șt. E.¹⁾, Lect. Ph.D. Eng. Cruceru C.¹⁾, Ph.D. Stud. Eng. Pruteanu A.³⁾, Ph.D.Eng. Stud. Roșu (Nițu) M.³⁾ ¹⁾ University of Agricultural Sciences and Veterinary Medicine Bucharest/Romania; ²⁾University of Craiova/Romania; ³⁾INMA Bucharest/Romania Tel: 0745762957; E-mail: olimpia_pandia@yahoo.com</p>	13 ²⁰ -13 ⁴⁰	<p>APPLICATION OF ULTRASOUND ON GENUINE ROMANIAN VARIETY MUST FERMENTATION PROCESS / APLICAȚII ALE ULTRASUNETELOR ASUPRA PROCESULUI DE FERMENTARE A MUSTULUI PROVENIT DIN SOIURI Autohtone Ph.D. Stud. Eng. Mărgean A.*¹⁾, Prof. Ph.D. Eng. PĂDUREANU V.¹⁾, Assist. Prof. Ph.D. Eng. Lupu M. I.¹⁾ ¹⁾Transilvania University of Brașov, Food and Tourism Faculty, Engineering and Management in Food and Tourism Department, 148 Castelului Street, 500014, Brașov, România Tel: +40728941362; E-mail: alina.margean@unitbv.ro</p>	13 ²⁰ -13 ⁴⁰

<p>THE RESEARCH ON THE PHENOTYPING OF NATIVE VARIETIES OF APPLE / CERCETĂRILE PRIVIND FENOTIPAREA SOIURILOR NATIVE DE MERE Stoica (Erculescu) M.¹⁾, Hoza D.²⁾, Ion L.²⁾, Paun C-tin.²⁾ ¹⁾Research and Development Station for Fruit Growing Voinesti, Dambovita / Romania ²⁾University of Agronomic Sciences and Veterinary Medicine Bucharest / Romania <i>E-mail: statiuneavoinesti@gmail.com</i></p>	13 ³⁰ -13 ⁴⁰	<p>THEORETICAL CONSIDERATIONS CONCERNING THE INFLUENCE OF FREEZING STORAGE ON FOOD INDUSTRY / CONSIDERENTE TEORETICE PRIVIND CONSERVAREA PRIN CONGELARE ÎN INDUSTRIA ALIMENTARĂ As. Ph.D. Eng. Boeriu A.E.¹⁾, Assoc.Prof. Ph.D. Eng. Canja C.M.¹⁾, Lecturer. Ph.D. Eng. Lupu M.¹⁾, Ph.D. Eng. Măzărel A.¹⁾ ¹⁾ Transilvania University of Brasov, Faculty of Food and Tourism, Brasov/ Romania <i>Tel: 0740054525; E-mail: adriana.boeriu@unitbv.ro</i></p>	13 ³⁰ -13 ⁴⁰
<p>OPTIMIZATION OF MICROWAVE ASSISTED EXTRACTION OF PHYTO COMPONENTS FROM HELIANTHUS TUBEROSUS L. AND APIUM GRAVEOLENS VAR. SECALINUM ALEF. / OPTIMIZAREA EXTRAȚIEI ASISTATE DE MICROUNDURI A FITO-COMPONENTELOR DE LA HELIANTHUS TUBEROSUS L. ȘI APIUM GRAVEOLENS VAR. SECALINUM ALEF. Avramescu S., Drugulescu M.*, Babeanu N., Dinu-Pirvu C., Moraru I., Ortan A. University of Agronomic Sciences and Veterinary Medicine Bucharest / Romania <i>E-mail: drugulescum@yahoo.com</i></p>	13 ⁴⁰ -13 ⁵⁰	<p>CONSIDERATIONS ON THE TECHNOLOGY OF MINT CULTURE AND ESSENTIAL OILS OBTAINING / CONSIDERATII PRIVIND TEHNOLOGIA DE CULTURĂ A MENTEI SI OBTINEREA DE ULEIURI ESSENTIAL Eng. Grigore I.*¹⁾, PhD. Stud. Eng. Sorică E. ¹⁾, PhD. Eng. Sorică C. ¹⁾, Eng. Grigore A. I. ²⁾, PhD. Stud. Eng. Vlăduțoiu L. ¹⁾, Eng. Bolintineanu Gh. ¹⁾, Eng. Dumitru I. ¹⁾ ¹⁾INMA Bucharest, ²⁾MOV INVEST 2002 SRL <i>Tel: 0722.487.889; Fax: 021/269.32.73; E-mail: ionica_grigore2001@yahoo.com</i></p>	13 ⁴⁰ -13 ⁵⁰
<p>THE ISOLATION OF ENDOPHYTIC STRAINS FROM POTATO PLANTS / IZOLAREA TULPINILOR DE ENDOFIȚI DIN PLANTELE DE CARTOF PhD Eng. Fendrihan S.^{1,2,3} ¹⁾Research-Development Institute for Plant Protection, Bucharest / Romania; ²⁾University V Goldis Arad / Romania ³⁾Romanian Bioresource Centre Bucharest / Romania <i>Tel.: 0720134916 e mail:ecologos23@yahoo.com</i></p>	13 ⁵⁰ -14 ⁰⁰	<p>CONSIDERATION REGARDING ECOLOGICAL MECHANIZATION MACHINERY AND TECHNOLOGIES USED IN CEREAL FARMING CONSIDERATII PRIVIND UTILAJELE SI TEHNOLOGIILE ECOLOGICE DE MECANIZARE FOLOSITE IN AGRICULTURA CEREALIERA Eng. Diaconu A.D., Ph.D. Eng. Visan A.L.*, Eng. Milea D., Eng. Bogdanof G.C. INMA Bucharest / Romania, <i>E-mail: alexandriion1982@yahoo.com</i></p>	13 ⁵⁰ -14 ⁰⁰
14⁰⁰-15⁰⁰: Lunch			

INTERNATIONAL SYMPOSIUM *ISB-INMA TEH* 27 October 2016

SECTION 1 - POWER AND MACHINERY - POSTER PRESENTATION		SECTION 2 - ECOLOGY & ENVIRONMENT - POSTER PRESENTATION	
Chairman: Prof. Ph.D. Eng. SĂRĂCIN Ion / Assoc. Prof. Ph.D. Eng. ATANASOV Atanas / Ph.D. Eng. DUMITRESCU Cătălin (Fourth Floor Lobby - Politehnica University Library)		Chairman: Ph.D. Eng. CONSTANTINESCU Florica / Assoc. Prof. Ph.D. Eng. PANDIA Olimpia (Fourth Floor Lobby - Politehnica University Library)	
<p align="center">HYDRAULIC MODELING FOR BETTER OPERATIONAL PERFORMANCE OF EXISTING IRRIGATION CANAL / ХИДРАВЛИЧНО МОДЕЛИРАНЕ ЗА ПО-ДОБРА ОПЕРАТИВНА ЕФЕКТИВНОСТ НА СЪЩЕСТВУВАЩ НАПОИТЕЛЕН КАНАЛ Assos. Prof Galina Patamanska, Ass. Prof. Elena Grancharova Institute for Soil Science, Agrotechnologies and Plant Protection „N. Pushkarov“ / Bulgaria E-mail: patamanska_g@yahoo.com</p>	15 ⁰⁰ -15 ⁰⁵	<p align="center">RESEARCH ON THE CALORIFIC VALUE OF THE HARDWOOD SPECIES / CERCETĂRI PRIVIND PUTEREA CALORICĂ A SPECIILOR DE FOIOASE Spirchez C.¹⁾, Lunguleasa A.¹⁾, Prună M.²⁾, Gaceu L.¹⁾ ¹⁾Transilvania University of Braşov – Romania; ²⁾ Institute for Research in Construction Technology and Equipment Bucharest – Romania E-mail: cosmin.spirchez@unitbv.ro</p>	15 ⁰⁰ -15 ⁰⁵
<p align="center">USE OF SOLIDWORKS IN DESIGNING AGRICULTURAL MACHINES (A SAMPLE: ROTARY TILLER) / TARIM MAKİNALARI TASARIMINDA SOLIDWORKS KULLANIMI (ÖRNEK: TOPRAK FREZESİ) Assist.Prof.Dr. Selvi K.Ç.¹⁾, Asst. Prof.Dr. KABAS Ö²⁾ ¹⁾ Department of Agriculture Machinery and Technologies Engineering, Faculty of Agriculture, Ondokuz Mayıs University, Atakum, Samsun, TURKEY; ²⁾ Akdeniz University, Vocational School of Technical Science, Antalya, Turkey Tel: + 90 362 312 19 19 / 1259; E-mail: kcselvi@omu.edu.tr</p>	15 ⁰⁵ -15 ¹⁰	<p align="center">THEORETICAL CONSIDERATIONS ON THE PROCESS OF FLATTENING CEREAL GRAINS WITH HIGH MOISTURE TO BE USED AS FODDER / CONSIDERAȚII TEORETICE ASUPRA PROCESULUI DE APLATIZARE A CEREALELOR BOABE CU UMIDITATE RIDICATĂ ÎN VEDEREA UTILIZĂRII CA FURAJE Ph.D. Stud. Eng. Zaica A., Ph.D. Eng. Nedelcu A, Ph.D. Eng. Ciupercă R., Ph.D. Eng. Popa L., Ph.D. Stud. Eng. Zaica Al., Eng. Anghelut A., Ph.D. Stud. Eng. Mircea C. ¹⁾INMA Bucharest / Romania / University Politehnica Bucharest / Romania E-mail: acanpeanu@yahoo.com</p>	15 ⁰⁵ -15 ¹⁰
<p align="center">THE STUDY OF OPERATIONAL PARAMETERS OF A WHEELED TRACTOR WITH A GAS ENGINE IN THE TRANSPORT PROCESS / ДОСЛІДЖЕННЯ ЕКСПЛУАТАЦІЙНИХ ПОКАЗНИКІВ КОЛІСНОГО ТРАКТОРА З ГАЗОВИМ ДВИГУНОМ У ТРАНСПОРТНОМУ ПРОЦЕСІ Prof., D.Sc. Eng. Zakharchuk V.I., Assoc. Prof., Ph.D. Eng. Zakharchuk O.V., Assoc. Prof., Ph.D. Eng. Kuts N.G., Postgrad. Stud. Zakharchuk M.I. Lutsk National Technical University, Faculty of Mechanical Engineering/Ukraine; Tel: 0332746103; E-mail: Zaharchukov205@gmail.com</p>	15 ¹⁰ -15 ¹⁵	<p align="center">EXPERIMENTAL RESEARCHES ON THE BENEFITS OF ADDITIVE ADDITION TO AGRICULTURAL BIOMASS PELLETS / CERCETĂRI EXPERIMENTALE ASUPRA BENEFICIILOR ADĂUGĂRII DE ADITIVI PELETELOR DIN BIOMASĂ AGRICOLĂ PhD. Stud. Eng. Găgeanu I.^{1,2)}, Prof. Ph.D. Eng. Voicu Gh.²⁾, Eng. Moise C.³⁾, PhD. Eng. Voicea I.¹⁾, PhD. Stud. Eng. Cujbescu D.¹⁾, PhD. Stud. Eng. Persu C.¹⁾, ¹⁾ INMA Bucharest/ Romania; ²⁾ University Politehnica of Bucharest/ Romania; ³⁾SC NESS PROIECT EUROPE SRL / Romania Tel: +40762676642; E-mail: iulia.gageanu@gmail.com</p>	15 ¹⁰ -15 ¹⁵
<p align="center">RATIONAL PARAMETERS OF A VIBRATION SHELL FOR CRACK FORMATION IN SOIL / РАЦІОНАЛЬНІ ПАРАМЕТРИ ВІБРОСНАРЯДУ ДЛЯ ФОРМУВАННЯ ЩІЛИНИ В ҐРУНТІ Eng. Karplyuk V.R., Prof. Ph.D. Romanovskiy O.L., Assoc. Prof. Ph.D. Makarchuk O.V., Senior Lecturer, Ph.D. Vasylychuk O. Y.* National University of Water and Environmental Engineering / Ukraine E-mail: o.y.vasylychuk@nuwm.edu.ua</p>	15 ¹⁵ -15 ²⁰	<p align="center">TECHNOLOGIES FOR ORGANIC FERTILIZATION IN FRUIT TREE ORCHARDS / TEHNOLOGII PENTRU FERTILIZARE ORGANICĂ ÎN LIVEZILE DE POMI FRUCTIFERI PhD. Eng. Popa L.* PhD. Eng. Nedelcu A., PhD. Eng. Ciupercă R., PhD. Stud. Eng. Ștefan V., Eng. Cristescu A., Eng. Dumitru D., PhD. Stud. Eng. Zaica A., Eng. Anghelut A., PhD. Stud. Eng. Mircea C. INMA Bucharest / Romania E-mail: lucretia_popa@yahoo.com</p>	15 ¹⁵ -15 ²⁰
<p align="center">RESEARCH OF WEDGE-SHAPED DESTRUCTIVE ELEMENTS PLACEMENT ICEBREAKER / ДОСЛІДЖЕННЯ РОЗМІЩЕННЯ КЛИНОВИДНИХ РУЙНІВНИХ ЕЛЕМЕНТІВ ЛЬОДОСКОЛЮВАЧА Assoc.Prof. Ph.D. Eng. M.V. Holotiuik²⁾, Assoc.Prof. Ph.D. Eng. Ye.I. Tkhoruk²⁾, Lect. Eng. V.O. Doroshchuk²⁾, Ph.D. Eng. V.L. Martyniuk¹⁾ ¹⁾Lutsk National Technical University / Ukraine; ²⁾ National University of Water Management and Nature Resources Use / Ukraine Tel: +38 096-97-205-98; E-mail: m.v.holotiuik@nuwm.edu.ua</p>	15 ²⁰ -15 ²⁵	<p align="center">IMPACT OF HUMAN ACTIVITIES ON NATURAL COMPONENTS FROM PERIMETER OF PROTECTED AREAS / IMPACTUL ACTIVITATILOR UMANE ASUPRA COMPONENTELOR NATURALE DIN PERIMETRUL ARIILOR PROTEJATE Eng. Epure M.*, PhD. Eng. Alexandru I., Eng. Bunduchi G. INMA Bucharest / Romania Tel: 0758-093832; E-mail: secretariat@inma.ro</p>	15 ²⁰ -15 ²⁵
<p align="center">CONSIDERATIONS ON NUMERICAL COMMAND MACHINES / CONSIDERAȚII PRIVIND MAȘINILE CU COMANDĂ NUMERICĂ Eng. Mihai M.¹⁾, Ph.D. Stud. Eng. Cujbescu D.¹⁾, Ph.D. Stud. Eng. Persu C.¹⁾, ¹⁾INMA Bucharest E-mail: marian17mihai@yahoo.com</p>	15 ²⁵ -15 ³⁰	<p align="center">APPLICATION OF GEOSTATISTICS FOR REMEDIATION PURPOSES IN POLLUTED SITES / APPLICATION DE GÉOSTATISTIQUES À DES FINS D'ASSAINISSEMENT DANS DES SITES POLLUÉS Fatima-Zohra Benmostefa Lagueche¹⁾, Hamza Cheniti²⁾ ¹⁾Department of Mathematics, University Badji Mokhtar of Annaba, / Algeria ²⁾ Département des génie minière, Ecole Nationale Supérieure des Mines et de la Métallurgie / Algérie</p>	15 ²⁵ -15 ³⁰
<p align="center">EVALUATION OF TRANSPORT SYSTEM DEVELOPMENT THROUGH MODELLING / ОЦІНЮВАННЯ РОЗВИТКУ ТРАНСПОРТНОЇ СИСТЕМИ ЗА ДОПОМОГОЮ МОДЕЛЮВАННЯ Senior lecturer V.O. Doroshchuk¹⁾, Lect. Ph.D. Eng. M. V. Holotiuik ¹⁾, ¹⁾ National University of Water and Environmental Engineering / Ukraine Tel: +38 096-97-205-98; E-mail: m.v.holotiuik@nuwm.edu.ua</p>	15 ³⁰ -15 ³⁵	<p align="center">FACTORS THAT INFLUENCE THE MATHEMATICS CURRICULUM IN THE UK / FACTORII CARE INFLUENȚEAZĂ CURRICULUM-UL MATEMATICII ÎN REGATUL UNIT PhD. Eng. Paunescu C.¹⁾, PhD. Eng. Paunescu D. D.²⁾, PhD. Eng. Vladut V.³⁾ ¹⁾University of Bolton / U.K.; ²⁾Transylvania University of Brasov / Romania; ³⁾INMA Bucharest / Romania E-mail: crifinance@gmail.com</p>	15 ³⁰ -15 ³⁵
<p align="center">NON-CONVENTIONAL PRESERVATION METHODS FOR HORTICULTURAL PRODUCTS IN FRESH CONDITION/ METODE DE CONSERVARE NECONVENTIONALE PENTRU PRODUSELE HORTICOLE ÎN STARE PROASPĂTĂ Eng. Oprescu M.R.*¹⁾, PhD. Eng. Matache M.1), Ph.D. Eng. Voicea I.1), Ph.D. Stud. Eng. Sorica E. 1), Ph.D. Stud. Eng. Cujbescu D., Ph.D. Stud. Eng. Găgeanu I., Eng. Grigore I., Prof. Ph.D. Eng. Biriș S.Șt.2), Lect. Ph.D. Eng. Ungureanu N., Ph.D. Eng. Sorică C.1), Eng. Dumitru I.1) ¹⁾INMA Bucharest / Romania; ²⁾University "POLITEHNICA" Bucharest, Faculty of Biotechnical Systems Engineering / Romania; Tel: 0766.580.791; E-mail: oprescu.remusmaris@gmail.com</p>	15 ³⁵ -15 ⁴⁰	<p align="center">EXPERIMENTAL RESEARCHES ON ASSESSING THE QUALITY OF VARIOUS TYPES OF CAMELINA OIL OBTAINED FOR ENERGETIC PURPOSES / CERCETĂRI EXPERIMENTALE ASUPRA EVALUĂRII CALITĂȚII MAI MULTOR TIPURI DE ULEI DE CAMELINĂ OBTINUTE ÎN SCOPURI ENERGETICE PhD. Stud. Eng. Găgeanu I.*¹⁾, PhD. Eng. Voicea I. ¹⁾, Assoc.Prof. Ph.D. Eng. Covaliu C.I.²⁾, Ph.D. Stud. Eng. Cujbescu D. ¹⁾, Ph.D. Stud. Eng. Persu C. ¹⁾, Ph.D. Stud. Eng. Nițu M. ¹⁾, Ekielski A.³⁾ ¹⁾INMA Bucharest/ Romania; ²⁾University Politehnica of Bucharest / Romania; ³⁾Warsaw University of Life Sciences / Poland Tel: +40762676642; E-mail: iulia.gageanu@gmail.com</p>	15 ³⁵ -15 ⁴⁰

<p>EXPERIMENTAL RESEARCHES ON THE INFLUENCE OF ACTIVE BODIES GEOMETRY ON QUALITATIVE AND ENERGETIC WORKING INDICES OF COMBINATORS FOR SEEDBED PREPARATION / CERCETARI EXPERIMENTALE PRIVIND INFLUENȚA GEOMETRIEI ORGANELOR ACTIVE ASUPRA INDICILOR CALITATIVI DE LUCRU ȘI ENERGETICI LA COMBINATOARE PENTRU PREGĂTIREA PATULUI GERMINATIV</p> <p>Eng. Bolintineanu Gh.¹⁾, Ph.D. Stud. Eng. Cujbescu D.¹⁾, Ph.D. Stud. Eng. Persu C.¹⁾, Ph.D. Eng. Voicea I.¹⁾, Ph.D. Stud. Eng. Găgeanu I.¹⁾, Ph.D. Eng. Vlăduț V.¹⁾, Ph.D. Eng. Ungureanu N.²⁾, Ph.D. Eng. Sorică C.¹⁾, Ph.D. Stud. Eng. Sorică E.¹⁾</p> <p>¹⁾INMA Bucharest, ²⁾ University Politehnica Bucharest / Romania; Tel: 0723935254; E-mail: bolintineanu_gh@yahoo.com</p>	15 ⁴⁰ -15 ⁴⁵	<p>ENERGETIC CAPITALIZATION OF BIOMASS RESIDUES RESULTED AFTER EXTRACTING FIBERS FROM CANNABIS SATIVA L. / VALORIFICAREA ENERGETICĂ A REZIDUURILOR DE BIOMASĂ REZULTATE DE LA EXTRAGEREA FIBRELOR DE CANNABIS SATIVA L.</p> <p>Ph.D. Eng. Voicea I.¹⁾, Ph.D. Eng. Găgeanu I.¹⁾, Ph.D. Eng. Cujbescu D.¹⁾, Ph.D. Eng. Persu C.¹⁾, Eng. Dumitru I.¹⁾ Eng. Oprescu R.¹⁾, Prof. Ph.D. Eng. Voicu Ghe.²⁾, Ph.D. Eng. Ungureanu N.²⁾, Ph.D. Eng. Dilea M.²⁾</p> <p>¹⁾ INMA Bucharest / Romania; ²⁾University Politehnica Bucharest, / Romania; Tel: 0752161780; E-mail: voicea_iulian@yahoo.com</p>	15 ⁴⁰ -15 ⁴⁵
<p>CONSIDERATIONS ON MECHANICALLY ACTIVE EQUIPMENT FOR OPEN INTERRUPTED FURROW USED IN TECHNOLOGY OF WEEDING PLANT CULTURES FRUIT AND VITICULTURAL PLANTATIONS / CONSIDERAȚII PRIVIND ECHIPAMENTELE ACTIONATE MECANIC PENTRU DESCHIS BRAZDE INTRERUPTUTE UTILIZATE IN TEHNOLOGIA CULTURILOR DE PLANTE PRASITOARE SI PLANTATII VITIPOMICOLE</p> <p>Eng. Oprescu M.R.¹⁾, Prof. Ph.D. Eng. Biriș S.Șt.²⁾, Ph.D. Eng. Marin E.¹⁾, Ph.D. Eng. Sorică C.¹⁾, Lect. Ph.D. Eng. Ungureanu N.²⁾, Ph.D. Eng. Sorică E.¹⁾, Eng. Dumitru I.¹⁾, Eng. Grigore I.¹⁾</p> <p>¹⁾INMA Bucharest / Romania; ²⁾University "POLITEHNICA" Bucharest / Romania; Tel: 0766.580.791; E-mail: oprescu.remusmarius@gmail.com</p>	15 ⁴⁵ -15 ⁵⁰	<p>METHODS OF BIOGAS PURIFICATION – A REVIEW / METODE DE PURIFICARE A BIOGAZULUI – REVIEW</p> <p>As. Ph.D. Stud. Eng. Zăbavă B.Șt.¹⁾, Prof. Ph.D. Eng. Voicu Gh.¹⁾, Lect. Ph.D. Eng. Ungureanu N.¹⁾, Lect. Ph.D. Eng. Dincă M.¹⁾, Prof. Ph.D. Eng. Paraschiv G.¹⁾, As. Ph.D. Stud. Eng. Munteanu M.¹⁾, Assoc. Prof. Ph.D. Ferdes M.¹⁾</p> <p>¹⁾ University Politehnica of Bucharest, Faculty of Biotechnical Systems Engineering / Romania; Tel: 0731538941; E-mail: bianca.dragoiu@yahoo.com</p>	15 ⁴⁵ -15 ⁵⁰
<p>THE STUDY OF THE ARRANGEMENT OF WORKING ELEMENTS FOR HOMOGENEOUS FROZEN ENVIRONMENTS FRACTURE / ДОСЛІДЖЕННЯ РОЗМІЩЕННЯ РОБОЧИХ ЕЛЕМЕНТІВ ДЛЯ РУЙНУВАННЯ ОДНОРІДНИХ МЕРЗЛИХ СЕРЕДОВИЩ</p> <p>Assoc.Prof. Ph.D. Eng. M.V. Holotiu¹⁾, Assoc.Prof. Ph.D. Eng. Ye.I. Tkhoruk²⁾, Lect. Eng. V.O. Doroshchuk²⁾, Ph.D. Eng. V.L. Martyniuk¹⁾</p> <p>¹⁾Lutsk National Technical University / Ukraine; ²⁾National University of Water Management and Nature Resources Use/ Ukraine Tel: +38 096-97-205-98; E-mail: m.v.holotiu@nuwm.edu.ua</p>	15 ⁵⁰ -15 ⁵⁵	<p>COMPUTER SCIENCE IN RENEWABLE ENERGY / INFORMATICA ÎN DOMENIUL ENERGIEI REGENERABILE</p> <p>Paunescu Victor Sorin¹⁾, Paunescu Dan Dorian²⁾, Vladut Valentin³⁾</p> <p>¹⁾University of Manchester / U.K.; ²⁾Transylvania University of Brasov / Romania; ³⁾INMA Bucharest / Romania E-mail: paunescu.victor@gmail.com</p>	15 ⁵⁰ -15 ⁵⁵
<p>CONSIDERATIONS ON MAINTAINING THE SEEDING DEPTH FOR MODERN HOEING PLANTS SEEDING MACHINES/ CONSIDERAȚII PRIVIND MENȚINEREA ADÂNCIMII DE SEMĂNAT LA SEMĂNĂTORILE MODERNE DE PLANTE PRĂȘITOARE</p> <p>Ph.D. Stud. Eng. Cujbescu D. ¹⁾, Prof. Ph.D. Eng. Voicu Gh.²⁾, Eng. Bolintineanu Gh.¹⁾, Ph.D. Stud. Eng. Persu C.¹⁾, Ph.D. Stud. Eng. Găgeanu I.¹⁾, Ph.D. Stud. Eng. Vlăduțoiu L.¹⁾, Ph.D. Stud. Eng. Sorică E.¹⁾, Eng. Grigore I.¹⁾, Eng. Dumitru I.¹⁾, Eng. Oprescu M.R.¹⁾</p> <p>¹⁾INMA Bucharest, ²⁾ Universities Polytechnic Bucharest, Faculty of Biotechnical Systems Engineering / Romania; Tel: 0212693255; E-mail: dcujbescu@yahoo.com</p>	15 ⁵⁵ -16 ⁰⁰	<p>SCIENTIFIC ADVANCES IN UKRAINE AND WORLD EXPERIENCE OF CREATING INNOVATIVE PRODUCTS MADE FROM OILSEED FLAX STRAW / НАУЧНІ ДОСТИЖЕННЯ В УКРАЇНІ І МИРОВОЙ ОПИТ СОЗДАНИЯ ИННОВАЦИОННОЙ ПРОДУКЦИИ С СОЛОМЫ ЛЬНА МАСЛИЧНОГО</p> <p>Ph.D. senior lecturer Shovkomud A. ¹⁾, Ph.D. doctoral student Golovenko T.²⁾, Prof. Ph.D. Eng. Chursina L.A.²⁾</p> <p>¹⁾ Lutsk National Technical University, Faculty of Biotechnical Systems Engineering / Ukraine; ²⁾Kherson National Technical University, Faculty of Integrated Technologies and Commodity Science / Ukraine; Tel: +3(08)0508553480; E-mail: tanyushkagolovenko@ukr.net</p>	15 ⁵⁵ -16 ⁰⁰
<p>SEPARATION OF CEREAL SEEDS AND TECHNICAL PLANTS ACCORDING TO LENGTH IN ORDER TO IMPROVE SEEDS QUALITY / SEPARAREA SEMINTELOR DE CEREALE SI PLANTE TEHNICE DUPĂ LUNGIME ÎN SCOPUL ÎMBUNĂȚĂRII CALITĂȚII SEMINTELOR</p> <p>Eng. Bunduchi G.*¹⁾, Ph.D. Eng. Găgeanu P., Ph.D. Stud. Eng. Găgeanu I., Ph.D. Stud. Eng. Zaica A., Eng. Epure M.</p> <p>INMA Bucharest / Romania E-mail: anca_bunduchi@yahoo.com</p>	16 ⁰⁰ -16 ⁰⁵	<p>CONVENTIONAL AND NEW BIOLOGICAL METHODS IN THE ASSESSMENT OF MICROBIAL POPULATIONS IN BIOGAS PRODUCING – A REVIEW / METODE TRADITIONALE SI NOI PENTRU EVALUAREA POPULATIILOR MICROBIENE IN PRODUCEREA DE BIOGAZ - REVIEW</p> <p>Assoc. Prof. Ph.D. Ferdes M.*¹⁾, Lect. Ph.D. Eng. Dinca M., As. Ph.D. Zabava B., University "Politehnica" of Bucharest, Faculty of Biotechnical Systems Engineering Tel: 0729 821 256, email: marianaferdes@yahoo.com</p>	16 ⁰⁰ -16 ⁰⁵
<p>ASPECTS REGARDING THE CONSTRUCTION AND OPERATION OF AGRICULTURAL CULTIVATORS WITH VIBRATORY WORKING TOOLS / ASPECTE PRIVIND CONSTRUCȚIA ȘI FUNCȚIONAREA CULTIVATOARELOR AGRICOLE PREVĂZUTE CU ORGANE DE LUCRU VIBRATOARE</p> <p>As. Ph.D. Stud. Eng. Gheorghită N.E.*¹⁾, Prof. Ph.D. Eng. Biriș S.Șt.¹⁾, Lect. Ph.D. Eng. Ungureanu N.¹⁾, Lect. Ph.D. Eng. Ionescu M.¹⁾</p> <p>¹⁾ University Politehnica of Bucharest, Faculty of Biotechnical Systems Engineering / Romania; Tel: 0726453269; E-mail: evelin_gheorghita@yahoo.com</p>	16 ⁰⁵ -16 ¹⁰	<p>MECHANIZATION OF PLANTING WORKS IN DEFORRESTED AREAS, FOR REHABILITATION AND INCREASING SOIL STABILITY / MECANIZAREA LUCRĂRILOR DE PLANTARE ÎN ZONE DEFRIȘATE, ÎN VEDEREA REABILITĂRII ȘI CREȘTEREA STABILITĂȚII TERENURILOR</p> <p>Eng. Bogdanof Ctin.-G., Ph.D. Eng. Vișan A. L., Eng. Milea D.</p> <p>INMA Bucharest / Romania E-mail: gbogdanof@gmail.com</p>	16 ⁰⁵ -16 ¹⁰
<p>CONSTRUCTION AND REQUIREMENTS OF WORKING ORGANS OF AGRICULTURAL SUBSOILERS AND SCARIFIERS. REVIEW/ CONSTRUCȚIA ȘI CERINȚELE ORGANELOR DE LUCRU ALE SUBSOLIERELOR ȘI SCARIFICATOARELOR AGRICOLE. A REVIEW</p> <p>Ph.D. Stud. Eng. Olac C-tin B., Prof. Ph.D. Eng. Voicu Gh.*¹⁾, Lect. Ph.D. Eng. Tudor P., Assoc. Prof. Ph.D. Eng. Constantin G.</p> <p>University Politehnica of Bucharest / Romania E-mail: ghvoicu_2005@yahoo.com</p>	16 ¹⁰ -16 ¹⁵	<p>USING THE DELPHI METHOD FOR IMPROVING THE COST ALLOCATORS INSTALLATION SERVICE / UTILIZAREA METODEI DELPHI PENTRU ÎMBUNĂȚĂȚIREA SERVICIULUI DE MONTARE A REPARTITOARELOR DE COSTURI</p> <p>Mihai P., Vlăduț O.*¹⁾, Duțu M-F, Vlăduț D-I, Duțu I-C</p> <p>University Politehnica Bucharest / Romania E-mail: oanavlăduț2016@gmail.com</p>	16 ¹⁰ -16 ¹⁵
<p>ZOOTECNICAL CONSTRUCTIONS. SHELTER SYSTEMS FOR CATTLE. REVIEW / CONSTRUCȚII ZOOTEHNICE. SISTEME DE ADAPOST PENTRU BOVINE. REVIEW</p> <p>Eng. Dumitru D. M.*¹⁾, Ph.D. Eng. Popa L., Eng. Cristescu A., Ph.D. Stud. Eng. Costin M., Eng. Anghelut A., Ph. D. Eng. Sorica C., Ph.D. Stud. Eng. Sorica E.</p> <p>INMA Bucharest / Romania E-mail: dumitrudanielmarian@yahoo.com</p>	16 ¹⁵ -16 ²⁰	<p>ECOLOGICAL IMPLICATIONS OF MECHANICAL EXECUTION OF WORKS IN AGRICULTURE / IMPLICATII ECOLOGICE ALE EXECUTARII MECANIZATE A LUCRARILOR IN AGRICULTURA</p> <p>Eng. Leseanu A.*¹⁾, Eng. Neagoe M.¹⁾, Ph.D. Eng. Vladut V.¹⁾, Eng. Neagoe V.¹⁾ Ph.D. Eng. Sorica C.¹⁾, Eng. Grigore A. I.¹⁾, Ph.D. Stud. Eng. Sorica E.¹⁾</p> <p>¹⁾ INMA Bucharest; Tel: 0727651064; E-mail: gabriel_alex99@yahoo.com</p>	16 ¹⁵ -16 ²⁰
<p>CONSIDERATIONS CONCERNING THE INFLUENCE OF CONSTRUCTIVE AND FUNCTIONAL CHARACTERISTICS OF ACTIVE ORGANISMS TO PELLETISED PRESSES WITH PLANE MATRIX / CONSIDERAȚII PRIVIND INFLUENȚA CARACTERISTICILOR CONSTRUCTIVE SI FUNCTIONALE ALE ORGANELOR ACTIVE LA PRESELE DE PELETIZAT CU MATRITA PLANA</p> <p>Eng. Milea D., Ph.D. Eng. Vișan A.L., Ph.D. Eng. Păun A., Eng. Bogdanof G.C., Ph.D. Stud. Eng. Găgeanu I.</p> <p>INMA Bucharest / Romania E-mail: milea_dumitru57@yahoo.com</p>	16 ²⁰ -16 ²⁵	<p>RESEARCH ON THE EVOLUTION OF SOME CHARACTERISTICS REGARDING THE GROWTH, SIZE AND RESISTANCE TO STRESS FACTORS OF MISCANTHUS SP. CROP / CERCETĂRI ASUPRA EVOLUȚIEI UNOR CARACTERISTICI PRIVIND RĂSĂRIREA, TALIA ȘI REZISTENȚA LA FACTORII DE STRES A CULTURII DE MISCANTHUS SP.</p> <p>Eng. Dumitru C.*¹⁾, Ph.D. Eng. Marin E.¹⁾, Eng. Iuga D.²⁾</p> <p>¹⁾INMA Bucharest / Romania; ²⁾SC METROUL SA / Romania Tel: 0758092438; E-mail: cdumitru@inma.ro</p>	16 ²⁰ -16 ²⁵

<p>THEORETICAL GROUNDING OF RATIONAL DESIGN OF WORKING ELEMENTS OF STRAW DISPENSER OF GRAIN COMBINE HARVESTER / ТЕОРЕТИЧЕСКОЕ ОБОСНОВАНИЕ РАЦИОНАЛЬНОЙ КОНСТРУКЦИИ РАБОЧИХ ОРГАНОВ ИЗМЕЛЬЧИТЕЛЯ-РАЗБРАСЫВАТЕЛЯ ЗЕРНОУБОРОЧНОГО КОМБАЙНА Prof. Ph.D. Eng.Sc. Rodimtsev S.A.¹⁾, Prof. Ph.D. Eng.Sc. Kuznetsov Y.A.¹⁾, Prof. Ph.D. Eng.Sc. Kolomeichenko A.V.¹⁾, Assoc. Prof. D.Eng.Sc. Goncharenko V.V.¹⁾, Yagelskiy M.Y.¹⁾, Senior Lecturer Ivanushkina N. M.¹⁾, Prof. Ph.D. Phil.Sc. Kalashnikova L.V.²⁾ ¹⁾Orel State Agrarian University named after N.V. Parakhin / Russia; ²⁾ Orel State University named after I.S. Turgenev / Russia Tel: +79208289219; E-mail: kentury@rambler.ru.</p>	<p>16²⁵-16³⁰</p>	<p>CONTRIBUTION TO THE STRENGTHENING OF THE BILATERAL COOPERATION BETWEEN ROMANIA AND NORWAY, LINKED TO IMPROVEMENT OF KNOWLEDGE AND CAPACITY OF A NUMBER OF EXPERTS AND PROFESSIONALS IN HAZARDOUS SUBSTANCES, BY MEANS OF PROFESSIONAL TRAINING: TARCHS PROJECT / CONTRIBUȚIA LA CONSOLIDAREA COOPERĂRII BILATERALE ROMÂNIA - NORVEGIA, LEGATĂ DE ÎMBUNĂȚĂȚIREA CUNOȘTEINTELOR ȘI A CAPACITĂȚILOR UNUI NUMĂR DE EXPERTI ȘI PROFESIONIȘTI PRIVIND SUBSTANȚELE PERICULOASE, PRIN FORMARE PROFESIONALĂ: PROIECT TARCHS Deák Gy.*¹⁾, Chiriac M., Ionescu P., Anghel A.-M., Maria C., G. GHIȚĂ, Radu M. N., Mărcuș I. National Institute for Research and Development in Environmental Protection – INCDPM Bucharest / Romania E-mail: dkcontrol@yahoo.com</p>	<p>16²⁵-16³⁰</p>
<p>PLANE SIEVES WITH SQUARE FRAMES – TECHNICAL EQUIPMENT FOR INCREASING THE EFFICIENCY OF SORTING MILLED MATERIALS / SITELE PLANE CU RAME PĂTRATE - ECHIPAMENTE TEHNICE DESTINATE CREȘTERII EFICIENȚEI SORTĂRII PRODUSELOR MĂCINATE PhD. Eng. Găgeanu P.*¹⁾, PhD. Stud. Eng. Găgeanu I., PhD. Stud. Eng. Zaica Al. INMA Bucharest / Romania e-mail: paulgageanu@yahoo.com</p>	<p>16³⁰-16³⁵</p>	<p>WASTEWATER TREATMENT THROUGH THE FLOTATION PROCESS / EPURAREA APELOR UZATE PRIN PROCESUL DE FLOTAȚIE Voicea I.*¹⁾, Matache M.¹⁾, Găgeanu I.¹⁾, Sorică C.¹⁾, Moga I.C.²⁾, Petrescu G.²⁾, Covaliu C.³⁾, Atanasov At.⁴⁾ ¹⁾INMA Bucharest / Romania; ²⁾SC DFR SYSTEMS SRL / Romania; ³⁾University Politehnica of Bucharest / Romania; ⁴⁾University of Ruse / Bulgaria E-mail: voicea_julian@yahoo.com</p>	<p>16³⁰-16³⁵</p>
<p>THE METHODOLOGY FOR THE 3D PRINTING TECHNIQUE OF PARTS FOR URGENT REPAIRS PROVIDED BY THE MECANO-ENERGETIC SERVICE WITHIN SOME MACHINE BUILDING COMPANIES / METODOLOGIE DE REALIZARE PRIN TEHNICA IMPRIMĂRII 3D A UNOR PIESE DESTINATE UNOR REPARATII URGENTE FURNIZATE DE SERVICIUL MECANO-ENERGETIC DIN CADRUL UNOR INTREPRINDERI CONSTRUCTOARE DE MASINI Eng. Pop F.*¹⁾, Ph.D. Eng. Marin E.¹⁾, PhD Student Eng. Persu C.¹⁾, Eng. Iuga D.²⁾ ¹⁾INMA Bucharest / Romania; ²⁾SC METROUL SA / Romania Tel: 0767731577; E-mail: popflorino@yahoo.com</p>	<p>16³⁵-16⁴⁰</p>	<p>THE USE OF NANOMATERIALS IN TREATING USED WATERS. REVIEW / UTILIZAREA NANOMATERIALELOR IN TRATAREA APELOR UZATE. REVIEW Eng. Cristescu A.C.¹⁾, Ph.D. Eng. Popa L.¹⁾, Ph.D. Eng. Covaliu C.²⁾, Eng. Dumitru D.M.¹⁾, Ph.D. Stud. Eng. Persu C.¹⁾, Ph.D. Stud. Eng. Gheorghe G.¹⁾, Ph.D. Stud. Eng. Mircea C.¹⁾, Eng. Anghel A.¹⁾ ¹⁾INMA Bucharest / Romania; ²⁾University Politehnica Bucharest / Romania E-mail: andreea.catalina.cristescu@gmail.com</p>	<p>16³⁵-16⁴⁰</p>
<p>NOISE MEASUREMENT AND DIRECTIONAL CURVE DETERMINATION FOR AN AGRICULTURAL TRACTOR / MĂSURAREA ZGOMOTULUI ȘI DETERMINAREA CURBEI DE DIRECTIVITATE A UNUI TRACTOR AGRICOL PhD. Stud. Eng. Sorică E.*¹⁾, PhD. Eng. Sorică C.¹⁾, PhD. Stud. Eng. Persu C.¹⁾, Eng. Bolinteanu Gh.¹⁾, PhD. Stud. Eng. Radu O.¹⁾, PhD. Eng. Brăcăcescu C.¹⁾, PhD. Stud. Eng. Mircea C.¹⁾, Eng. Oprescu M. R.¹⁾, Eng. Grigore A. I.²⁾ ¹⁾INMA Bucharest / Romania; ²⁾ MOV INVEST 2002 SRL Tel: 0722.487.889; Fax: 021/269.32.73; E-mail: postelnicu.elena@yahoo.com</p>	<p>16⁴⁰-16⁴⁵</p>	<p>THE USE OF OZONE IN DIFFERENT ENVIRONMENTAL APPLICATIONS / UTILIZAREA OZONULUI IN DIFERITE APLICAȚII DE MEDIU Lect. PhD. Eng. Istrate I.*¹⁾, Assoc. Prof. PhD. Eng. Ferdes M.¹⁾, Lect. PhD. Eng. Rada E.C.²⁾, Lect. PhD. Eng. Dincă M.¹⁾ ¹⁾University Politehnica of Bucharest / Romania; ²⁾University of Trento, Department of Civil, Environmental and Mechanical Engineering/ Italy E-mail: ia_istrate@yahoo.com</p>	<p>16⁴⁰-16⁴⁵</p>
<p>CONSIDERATIONS REGARDING STATIC NONLINEAR ANALYSIS OF COUPLING DEVICES - LONGITUDINAL STRESSES / CONSIDERATII PRIVIND ANALIZA STATICA NELINIARA A DISPOZITIVELOR DE CUPLARE - SOLICITARI LONGITUDINALE PhD. Stud. Eng. Mircea D.I.*¹⁾, Prof. Ph.D. Eng. Maican E.¹⁾, PhD. Eng. Vlăduț V.²⁾, Eng. Dumitru I.²⁾, PhD. Stud. Eng. Oprescu M.²⁾, Eng. Iuga D.¹⁾, Lect. PhD. Eng. Ungureanu N.¹⁾, PhD. Stud. Eng. Gheorghe G.²⁾, PhD. Eng. Marin E.²⁾, Assoc.Prof. Ph.D. Eng. SAVIN L.³⁾ ¹⁾University Politehnica of Bucharest / Romania; ²⁾INMA Bucharest / Romania; ³⁾ University of Novi Sad / Serbia E-mail: mircea.ionut@gmail.com</p>	<p>16⁴⁵-16⁵⁰</p>	<p>THE ENVIRONMENTAL IMPACT OF CLINKER CRUSHING IN CEMENT FACTORIES / IMPACTUL DE MEDIU AL MĂRUNȚIRII CLINCHERULUI ÎN FABRICILE DE CIMENT Ph.D.Stud.Eng. Ciobanu C., Prof.Ph.D.Eng. Voicu Gh.*¹⁾, Assoc.Prof.Ph.D.Eng. Toma M.-L., Lect. Ph.D. Eng. Tudor P. University Politehnica of Bucharest E-mail: ghvoicu_2005@yahoo.com</p>	<p>16⁴⁵-16⁵⁰</p>
<p>EXPERIMENTAL RESEARCHES ON THE WORKING PROCESS OF AN EQUIPMENT FOR PREPARING THE SEEDBED FOR HEAVY SOILS / CERCETĂRI EXPERIMENTALE PRIVIND PROCESUL DE LUCRU AL UNUI ECHIPAMENT DE PREGATIT PATUL GERMINATIV PENTRU SOLURI GRELE PhD. Stud. Eng. Vlăduț D.I., Prof. PhD. Eng. Biriș S., PhD. Eng. Vlăduț V., PhD. Stud. Eng. Persu C., PhD. Eng. Voicea I., PhD. Stud. Eng. Cuijbescu D., PhD. Stud. Eng. Găgeanu I., Eng. Dumitru I., PhD. Stud. Eng. Oprescu M., Eng. Iuga D., Lect. PhD. Eng. Ungureanu N. ¹⁾University Politehnica of Bucharest / Romania; ²⁾INMA Bucharest / Romania E-mail: v_vladuta@yahoo.com</p>	<p>16⁵⁰-16⁵⁵</p>	<p>ASSESSMENT OF THE BEST TECHNIQUES FOR STURGEON MIGRATION MONITORING / EVALUAREA CELOR MAI BUNE TEHNICI DE MONITORIZARE A MIGRAȚIEI STURIONILOR Raischi M.^{1,2)}, Badilita A.M.¹⁾, Danalache T.^{1,3)}, Deák G.¹⁾, Zamfir St.^{1,2)}, Cristea A.¹⁾, Daescu A.I.¹⁾, Holban E.*¹⁾, Gheorghe I.¹⁾, Fronescu D.¹⁾, Nicolae A.^{1,2)}, Badea G.¹⁾, Raischi N.¹⁾, Laslo L.¹⁾ ¹⁾National Institute for Research and Development in Environmental Protection, Bucharest / România; ²⁾Dunarea de Jos" University of Galati / Romania; ³⁾University of Agronomic Sciences and Veterinary Medicine, Bucharest / România E-mail: holban.elena@yahoo.com</p>	<p>16⁵⁰-16⁵⁵</p>
<p>EXPERIMENTAL RESEARCHES REGARDING TO ESTABLISHING THE WORKING QUALITY INDICATORS OF EQUIPMENT FOR THE ADMINISTRATION OF SOLID CHEMICAL AMENDMENTS IN ORCHARDS AS CLOSE AS POSSIBLE OF TREES ROOT / CERCETĂRI EXPERIMENTALE PRIVIND DETERMINAREA INDICILOR CALITATIVI DE LUCRU AI ECHIPAMENTULUI PENTRU ADMINISTRAT AMENDAMENTE CHIMICE SOLIDE IN LIVEZI CÂT MAI APROAPE DE RĂDĂCINA POMILOR Eng. Bolinteanu Gh.*¹⁾, Ph.D. Stud. Eng. Cuijbescu D.¹⁾, Ph.D. Stud. Eng. Persu C.¹⁾, Ph.D. Stud. Eng. Găgeanu I.¹⁾, Ph.D. Stud. Eng. Mircea C.¹⁾, Ph.D. Eng.Sorică C.¹⁾, Ph.D.Stud.Eng.Vlăduțoiu L.¹⁾, Eng.Grigore I.¹⁾, Ph.D. Stud. Eng. Sorică E.¹⁾ ¹⁾INMA Bucharest / Romania Tel: 0723935254; E-mail: bolinteanu_gh@yahoo.com</p>	<p>16⁵⁵-17⁰⁰</p>	<p>COMPARATIVE ANALYSIS OF HYDRODYNAMIC AND HYDROMORPHOLOGICAL PARAMETERS VARIATION RESULTING FROM ANTHROPIC INTERVENTIONS ON LOWER DANUBE – CALEIA BRANCH / ANALIZA COMPARATIVĂ PRIVIND VARIATIA PARAMETRILOR HIDRODINAMICI ȘI HIDROMORFOLOGICI REZULTATĂ ÎN URMA INTERVENȚIILOR ANTROPICE DE PE DUNĂREA INFERIOARĂ - BRAȚUL CALEIA Tudor G.*¹⁾, Deák G.¹⁾, Urișescu B.¹⁾, Cîrstinoiu C.¹⁾, Nicolae A.^{1,2)}, Zamfir Șt.^{1,2)}, Dănălache T.^{1,3)}, Olteanu M.¹⁾ ¹⁾National Institute for Research and Development in Environmental Protection / Romania; ²⁾"Dunarea de Jos" University of Galati / Romania; ³⁾University of Agronomic Sciences and Veterinary Medicine of Bucharest / Romania E-mail: georgeta.ene@gmail.com</p>	<p>16⁵⁵-17⁰⁰</p>
<p>RESEARCH ON OPEN-AIR NOISE EMISSIONS LEVEL OF A UNIVERSAL HAMMER MILL / CERCETĂRI PRIVIND NIVELULUI EMISIILOR DE ZGOMOT ÎN AER LIBER AL UNEI MORI CU CIOCANE UNIVERSALE PhD. Eng. Sorică C.*¹⁾, Ph.D. Stud. Eng. Sorică E.¹⁾, Eng. Bolinteanu Gh.¹⁾, Ph.D. Eng. Brăcăcescu C.¹⁾, Ph.D. Stud. Eng. Mircea C.¹⁾, Ph.D. Stud. Eng. Radu O.¹⁾, Eng. Neagoe M.¹⁾, Leșeanu A.¹⁾, Eng. Grigore A. I.²⁾ ¹⁾ INMA Bucharest / Romania; ²⁾ MOV INVEST 2002 SRL Tel: 0722.487.889; Fax: 021/269.32.73; E-mail: cri_sor2002@yahoo.com</p>	<p>17⁰⁰-17⁰⁵</p>	<p>METHOD FOR THE UNIFORM CHARACTERIZATION OF THE INTENSITY, FREQUENCY AND DISTRIBUTION OF CLIMATIC PHENOMENA / METODĂ DE CARACTERIZARE UNITARĂ A INTENSITĂȚII, FRECVENȚEI ȘI DISTRIBUȚIEI FENOMENELOR CLIMATICE Eng. Vișinescu I.*¹⁾, Ph.D. Eng. Bularda M.* * SCDA BRĂILA / Romania, Tel: 0724527431; E-mail: sdbairaila@yahoo.com</p>	<p>17⁰⁰-17⁰⁵</p>

<p>OPERATOR PROTECTION DURING APPLYING THE PLANT PROTECTION PRODUCTS – PROTECTIVE ROLE OF CABINS / PROTECȚIA OPERATORULUI ÎN TIMPUL APLICĂRII PRODUSELOR PENTRU PROTECȚIA PLANTELOR - ROLUL PROTECTOR AL CABINELOR Ph.D. Eng. Alexandru I.D.*, Eng. Epure M. INMA Bucharest / Romania Tel: 0318053213.; E-mail: alexandru@inma.ro</p>	17 ⁰⁵ -17 ¹⁰	<p>OVERVIEW ON „HAZARDOUS WASTE – MANAGEMENT AND RISKS FOR ENVIRONMENT AND HEALTH GUIDE RELEASED BY TARCHS PROJECT / DEȘEURI PERICULOASE - MANAGEMENT ȘI RISCURI PENTRU MEDIU ȘI SĂNĂTATE” - GHID ELABORAT ȘI LANSAT ÎN CADRUL PROIECTULUI TARCHS Chiriac M., Deák Gy.*, Ionescu P., Anghel A.-M. National Institute for Research and Development in Environmental Protection – INCDPM Bucharest / Romania E-mail: dlkcontrol@yahoo.com</p>	17 ⁰⁵ -17 ¹⁰
<p>MODIFYING EQUILIBRATION CONDITIONS ACCORDING TO ROTOR ROTATION ANGLE ON MC 22 HAMMER MILL / MODIFICAREA CONDIȚIILOR DE ECHILIBRARE ÎN FUNCȚIE DE UNghiUL DE ROTAȚIE AL ROTORULUI MORII CU CIOCANE MC 22 PhD. Eng. Moiceanu G.¹⁾, Prof. PhD. Eng. Voicu Gh.¹⁾, PhD. Stud. Eng. Chițoiu M.¹⁾, Prof. PhD. Eng. Paraschiv G.¹⁾, Lect. PhD. Eng. Dincă M.¹⁾, PhD. Eng. Vlăduț V.²⁾, ¹⁾ University Politehnica of Bucharest, Faculty of Biotechnical Systems Engineering/Romania; ²⁾ INMA Bucharest/Romania; E-mail: moiceanugeorgiana@gmail.com</p>	17 ¹⁰ -17 ¹⁵	<p>WASTEWATER SYSTEMS IN AQUACULTURE / SISTEM DE EPURARE ÎN ACVACULTURĂ Moga I.C.¹⁾, Popa R.²⁾, Crăciun N.²⁾, Ardelean I.³⁾, Petrescu G.¹⁾, Doroftei B.I.¹⁾, Voicea I.⁴⁾, Sorică C.⁴⁾, Matache M.⁴⁾, Stoian Gh.²⁾ ¹⁾SC DFR SYSTEMS SRL / Romania; ²⁾Aquatera Ecological Society / Romania; ³⁾Biology Institute Bucharest / Romania; ⁴⁾INMA Bucharest / Romania E-mail: voicea_julian@yahoo.com</p>	17 ¹⁰ -17 ¹⁵
<p>DETERMINING THE DAMPING COEFFICIENT FOR THE SUSPENDING ELASTIC ELEMENTS FROM A VIBRATING FEEDER / DETERMINAREA COEFICIENTULUI DE AMORTIZARE AL ELEMENTELOR ELASTICE DE SUSPENDARE A UNUI ALIMENTATOR VIBRATOR PhD. Stud. Eng. Persu C.*¹⁾, PhD. Stud. Eng. Ivancu B.²⁾, Prof. Ph.D. Eng. Voicu Gh.²⁾, PhD. Stud. Eng. Gheorghe G.¹⁾, PhD. Stud. Eng. Cujbescu D.¹⁾, PhD. Stud. Eng. Sorica E.¹⁾, Eng. Cristescu A.¹⁾, Eng. Grigore I.¹⁾, PhD. Stud. Eng. Mircea C.¹⁾, PhD. Stud. Eng. Nitu M.¹⁾ ¹⁾INMA Bucharest / Romania; ²⁾University Politehnica Bucharest / Romania E-mail: persucatalin@yahoo.com</p>	17 ⁰⁵ -17 ²⁰	<p>HYDROLOGICAL MODELLING FOR DIVICI – POJEJENA WETLAND TRIBUTARIES / MODELAREA HIDROLOGICA A AFLUENTILOR ZONEI UMEDE DIVICI-POJEJENA Boboc M., Laslo L., Ciobotaru N., Matei M.*, Nicolescu A, Deák G. National Research and Development Institute for Environmental Protection / Romania E-mail: monicamatei06@gmail.com</p> <p>METHODS OF QUALITY IMPROVEMENT IN SERVICE MANAGEMENT / METODE DE ÎMBUNĂTĂȚIRE A CALITĂȚII ÎN MANAGEMENTUL SERVICIILOR Mihai P., Dumitriu D., Vlăduț O.*, Duțu M-F University Politehnica of Bucharest / Romania E-mail: oanavlăduț2016@gmail.com</p>	17 ¹⁵ -17 ²⁰
<p>TECHNICAL EQUIPMENT FOR SOIL WORK ON THE ROW OF FRUIT TREES, SIMULTANEOUSLY WITH ROOT CUTS FOR THE MODERATION OF SPROUTS GROWTH AND PRECISION FOLIAR FERTILIZATION / ECHIPAMENT TEHNIC PENTRU LUCRAREA SOLULUI PE RÂNDUL DE POMI FRUCTIFERI, CONCOMITENT CU TĂIERILE DE RĂDĂCINĂ PENTRU MODERAREA CREȘTERII DE LĂSTARI ȘI FERTILIZAREA FOLIARĂ DE PRECIZIE Ph.D. Eng. Marin E.*, Ph.D. Eng. Mateescu M., Ph.D. Eng. Manea D., PhD Stud. Eng. Gheorghe G. ¹⁾NATIONAL INSTITUTE OF RESEARCH-DEVELOPMENT FOR MACHINES AND INSTALLATIONS DESIGNED TO AGRICULTURE AND FOOD INDUSTRY – INMA BUCHAREST / Romania, Tel: 0749176922; E-mail: marin_43eu@yahoo.com</p>	17 ²⁰ -17 ²⁵	<p>PREVENTION REGULATION REGARDING WEED SEED SPREADING AND THEIR IMPACT ON AGRICULTURE AND ENVIRONMENT / REGLEMENTĂRI PRIVIND PREVENȚIA RĂSPÂNDIRII SEMINTELOR DE BURUIENI SI IMPACTUL ACESTORA ASUPRA MEDIULUI ȘI AGRICULTURII Ph.D. Eng. Visan A.L.*, Eng. Milea D., Eng. Bogdanof G.C., Ph.D. Eng. Paun A., Eng. Diaconu A.C. INMA Bucharest / Romania E-mail: alexandrion1982@yahoo.com</p>	17 ²⁵ -17 ³⁰
<p>EXPERIMENTAL RESEARCHES REGARDING THE QUALITATIVE WORKING INDEXES OF A NEW TECHNICAL EQUIPMENT DESIGNED TO ESTABLISH AGRO-FORESTRY BELTS FOR IMPROVING THE AGRICULTURAL CROPS VEGETATION ENVIRONMENT / CERCETĂRI EXPERIMENTALE PRIVIND INDICI CALITATIVI DE LUCRU AI UNUI ECHIPAMENT TEHNIC NOU DESTINAT TEHNOLOGIEI DE ÎNFIINȚARE A PERDELELOR AGROFORESTIERE PENTRU AMELIORAREA CONDIȚIILOR MEDIULUI DE VEGETAȚIE A CULTURILOR AGRICOLE PhD Stud.Eng. Gheorghe G.*, Ph.D. Eng. Mateescu M., Ph.D. Eng. Marin E., Ph.D. Eng. Manea D., INMA Bucharest / Romania, Tel: 0731583104; E-mail: gabrielvalentingh@yahoo.com</p>	17 ²⁵ -17 ³⁰	<p>IDENTIFICATION OF ANTHROPIC FACTORS AND ASSESSMENT OF POSSIBLE IMPACT ON STURGEON SPECIES PRESERVATION IN THE LOWER DANUBE / IDENTIFICAREA FACTORILOR ANTROPICI ȘI EVALUAREA POSIBILULUI IMPACT ASUPRA CONSERVĂRII SPECIILOR DE STURIONI DIN DUNĂREA INFERIOARĂ Badilita A.M.¹⁾, Danalache T.¹⁾⁻²⁾, Raischi M.¹⁾⁻³⁾, Deák G.¹⁾, Cristea A.¹⁾, Holban E.¹⁾, Zamfir St.¹⁾⁻³⁾, Badea G.¹⁾, Gheorghe I.¹⁾, Boboc M.¹⁾, Matei M.¹⁾, Uritescu B.¹⁾, Cirstinoiu C-tin¹⁾, Tudor G¹⁾, Boaja I.¹⁾, Stefan D.¹⁾ ¹⁾National Institute for Research and Development in Environmental Protection, Bucharest / România; ²⁾University of Agronomic Sciences and Veterinary Medicine, Bucharest / România; ³⁾“Dunarea de Jos” University of Galati / Romania E-mail: tiberiusdanalache@yahoo.com</p>	17 ³⁰ -17 ³⁵
<p>CONSIDERATIONS ON THE TECHNICAL EQUIPMENT USED FOR SEPARATING SEED MIXTURES BASED ON THE AERODYNAMIC PRINCIPLE / CONSIDERATII PRIVIND ECHIPAMENTELE TEHNICE UTILIZATE LA SEPARAREA AMESTECURILOR DE SEMINTE PE PRINCIPIUL AERODINAMIC PhD. Eng. Brăcăcescu C, PhD. Eng. Găgeanu P., PhD. Eng. Sorică C., PhD. Stud. Eng. Zaica A., PhD. Stud. Eng. Găgeanu I., PhD. Stud. Sorică E., Eng. Bunduchi G. INMA Bucharest/ Romania E-mail: carmenbraca@yahoo.com</p>	17 ³⁰ -17 ³⁵	<p>MULTIFUNCTIONAL AGROTEXTILE FOR AGRICULTURE / HORTICULTURE / AGROTEXTILE MULTIFUNCTIONALE DESTINATE DOMENIULUI AGRICOL/ HORTICOL Pricop F.¹⁾, Scarlat R.¹⁾, Drambei P.²⁾, Rusu L.³⁾ ¹⁾National Institute for Research and Development for Textiles and Leathers Bucharest / Romania; ²⁾INMA Bucharest / Romania; ³⁾NGM Leonard SRL / Romania E-mail: pricop44@yahoo.ca</p>	17 ³⁵ -17 ⁴⁰

<p>SECTION 4 – Workshop: “Research in Germany: Funding Opportunities for Romanian PhD-Students and Researchers” (U.P. Bucharest Library, Building A, Hall 4.2)</p>	10 ⁰⁰ - 14 ⁰⁰
<p>SECTION 5 – Roundtable: “Contribution of renewable energy resources from the agro-zootechnical field to environmental protection” Chairman: PhD. Stud. Eng. MUSCALU Adriana / PhD. Eng. LUPESCU Irina (U.P. Bucharest Library, Building A, Hall 4.1)</p>	16 ³⁰ – 17 ³⁰

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<p>07³⁰-20⁰⁰ – Field Trip: Bucharest – 9⁴⁵-10⁰⁰: Arrival at Valahia University of Târgoviște; 10⁰⁰-10³⁰ – Coffee break (Hall – Building A); 10³⁰-11³⁰ – Visit at a Meat Processing Unit; 11³⁰-12³⁰ - Dealu Monastery; 12³⁰-14⁰⁰ – Târgoviște Royal Court; 14⁰⁰-15³⁰ - Lunch (Restaurant of Valahia University of Târgoviște); 16⁰⁰- 17⁰⁰ - Fruit-vegetable Storage facility – Voinești); 17⁰⁰-...- Return to Bucharest.</p>	