

**DANUBIUS UNIVERSITY OF GALATI, ROMANIA  
UNIVERSITY OF CAMERINO**

# **P R O G R A M**

**INTERNATIONAL CONFERENCE**

**Contemporary Scientific and  
Technological Aspects towards an  
Entrepreneurial Approach**

**1<sup>st</sup> Edition**

**Galati**

**February 25th, 2022**



**THE 1<sup>st</sup> INTERNATIONAL CONFERENCE**  
*Contemporary Scientific and Technological Aspects towards an  
Entrepreneurial Approach*

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**February 25th, 2022**

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**THE 1<sup>st</sup> INTERNATIONAL CONFERENCE  
CONTEMPORARY SCIENTIFIC AND TECHNOLOGICAL  
ASPECTS TOWARDS AN ENTREPRENEURIAL  
APPROACH**

**Friday, February 25th, 2022**

**09<sup>30</sup>-10<sup>00</sup>**

**PLENNARY ONLINE SESSION  
ZOOM MEETING**

**Keynote Speakers:**

**Associate Professor Angelica Rosu, PhD**

Danubius University of Galati, Romania

*Topic: E-Commerce, E-Disputes and E-Dispute Resolution*

**Senior Lecturer Angelica Rosu, PhD**

Dunarea de Jos University of Galati, Romania

*Topic: The Effects of Cybercrime on Small Businesses*

**10<sup>00</sup> – 12<sup>30</sup>**

**ZOOM MEETING, ONLINE PANEL 1**

**Innovation & Entrepreneurship**

Danubius University is inviting you to a scheduled Zoom meeting.

**Topic: *International Conference on Contemporary Scientific and Technological Aspects towards an Entrepreneurial Approach***

Time: Feb 25, 2022 09:30 AM Bucharest

**Join Zoom Meeting**

**<https://us06web.zoom.us/j/83946829487?pwd=NIRjNjFvV2NwVnJ3TVF2ZDhnTXo2UT09>**

**Meeting ID: 839 4682 9487**

**Passcode: 269972**

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Entrepreneurial Approach***

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**12<sup>30</sup> – 14<sup>00</sup> ZOOM MEETING, ONLINE PANEL 2**  
**Entrepreneurship and the Rule of Law**

Danubius University is inviting you to a scheduled Zoom meeting.

**Topic:** *International Conference on Contemporary Scientific and Technological Aspects towards an Entrepreneurial Approach*

Time: Feb 25, 2022 12:30 PM Bucharest

**Join Zoom Meeting**

**<https://us06web.zoom.us/j/83946829487?pwd=NIRjNjFvV2NwVnJ3TVF2ZDhnTXo2UT09>**

**Meeting ID: 839 4682 9487**

**Passcode: 269972**

**14<sup>00</sup> – 15<sup>00</sup> ZOOM MEETING, ONLINE PANEL 3**  
**Entrepreneurial Economics**

Danubius University is inviting you to a scheduled Zoom meeting.

**Topic:** *International Conference on Contemporary Scientific and Technological Aspects towards an Entrepreneurial Approach*

Time: Feb 25, 2022 14:00 PM Bucharest

**Join Zoom Meeting**

**<https://us06web.zoom.us/j/83946829487?pwd=NIRjNjFvV2NwVnJ3TVF2ZDhnTXo2UT09>**

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## **Innovation & Entrepreneurship**

10<sup>00</sup> – 12<sup>30</sup>

### **ONLINE PANEL 1**

*Chair: Professor Eugen Rusu, PhD*

*Discussant: Andra Turcanu (Marcu), PhD in progress*

Join Zoom Meeting

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*Composites in Sustainable Development*

Anamaria-Nadie Emin (Leonte), Ovidius University, Romania

*Composites Approached through Artificial Intelligence - Economic and Financial Impact*

Anamaria-Nadie Emin (Leonte), Ovidius University, Romania

*Analysis of the Use of Ventilated and Non-Ventilated Brake Discs using the Arduino Uno R3 Module*

Valentin-Tiberiu Amortila, Dunarea de Jos University of Galati, Romania

Elena Mereuta, Dunarea de Jos University of Galati, Romania

George Balasoiu, Dunarea de Jos University of Galati, Romania

Costel Humelnicu, Dunarea de Jos University of Galati, Romania

Mihai Gingarasu, Dunarea de Jos University of Galati, Romania

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***CFD Practices and Typical Configurations for the Shipbuilding Industry***

**Ana-Maria Chiroșcă**, Dunarea de Jos University of Galati, Romania

**Liliana Rusu**, Dunarea de Jos University of Galati, Romania

***State of Art Regarding Study Methods for Reciprocally Enwrapping Surfaces***

**Georgiana-Alexandra Moroșanu**, Dunarea de Jos University of Galati, Romania

**Virgil-Gabriel Teodor**, Dunarea de Jos University of Galati, Romania

**Nicolae Oancea**, Dunarea de Jos University of Galati, Romania

***Graphical Modeling of a Clamping Device to a Lifting Machine Type***

**Georgiana-Alexandra Moroșanu**, Dunarea de Jos University of Galati, Romania

**Sorin Atanasiu**, Dunarea de Jos University of Galati, Romania

**Nicușor Baroiu**, Dunarea de Jos University of Galati, Romania

***Molecularly Imprinted Polymers based Electrochemical Sensor for Quantification of Amino Acids***

**Ancuta Dinu (Iacob)**, Dunarea de Jos University of Galati, Romania

**Constantin Apetrei**, Dunarea de Jos University of Galati, Romania

***Enzymes Involved in the Development of Electrochemical Biosensors for Amino Acid Detection: Phenylalanine, Tyrosine, Tryptophan***

**Ancuta Dinu (Iacob)**, Dunarea de Jos University of Galati, Romania

**Constantin Apetrei**, Dunarea de Jos University of Galati, Romania

***Corrosion Behavior of Co Based Alloys***

**Laurentiu Dragus**, Dunarea de Jos University of Galati, Romania

***Study on the Mechanical Stress Behavior of a Prosthetic Restoration of Integral Ceramics***

**Laurentiu Dragus**, Dunarea de Jos University of Galati, Romania

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***Long-Term Determination of Marine Wave Parameters Variability in Constanța Port Area***

**Elena Vlasceanu**, Dunarea de Jos University of Galati, Romania

**Eugen Rusu**, Dunarea de Jos University of Galati, Romania

**Razvan Mateescu**, Dunarea de Jos University of Galati, Romania

***Tensioning Systems for Mechanical Belt Drives***

**Daniela Voicu**, Dunarea de Jos University of Galati, Romania

**Radu Vilău**, Military Technical Academy "Ferdinand I", Romania

**Ramona-Monica Stoica**, Military Technical Academy "Ferdinand I", Romania

***Damping Ratio of Irregular Movement within Mechanical Transmissions Due to Flexible Spring Couplings***

**Daniela Voicu**, Dunarea de Jos University of Galati, Romania

**Radu Vilău**, Military Technical Academy "Ferdinand I", Romania

**Ramona-Monica Stoica**, Military Technical Academy "Ferdinand I", Romania

***An Economical Solution with Therapeutic Properties during Menopause***

**Anna Busuioc (Cazanevscaia)**, Dunarea de Jos University of Galati, Romania

***The Role of Oxytocin and Vasopressin Neuropeptides in Social Interactions and Psychogenic Disorders***

**Diana-Andreea Ciortea**, Dunarea de Jos University of Galati, Romania

***Two Years into Covid-19 Pandemic: Its Impact upon Pediatric Arterial Hypertension***

**Miruna-Patricia Dragostin**, Dunarea de Jos University of Galati, Romania

***Esophageal Inflammatory Lesions – Predictive Factor in the Developing of Malignant Esophageal Tumours***

**Ana Fulga**, Dunarea de Jos University of Galati, Romania

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***Effects of Various NACA 1410 Airfoil Section Outward and Inward Protrusion Positions at Various Angles of Attack***

**Raluca Balasa**, Polytechnic University of Bucharest, Romania

***Utilization of a Microfluidic Platform to Synthesize Nanoparticles***

**Alexandra Cătălina Bîrcă**, Polytechnic University of Bucharest, Romania

***Synthesis and Characterization of Strontium-Substituted Hydroxyapatite Obtained through Aqueous Precipitation Method***

**Cosmin Iulian Codrea**, Polytechnic University of Bucharest, Romania

***Nano-Hydroxyapatite from Biogenic Calcium Source: Hydrothermal Microwave Assisted vs. Classical Maturation?***

**Cristina Rodica Dumitrescu**, Polytechnic University of Bucharest, Romania

***On the Behavior of a Flax Fiber-Epoxy Resin Composite Subjected to Mechanical Loads***

**Constantin Stochioiu**, Polytechnic University of Bucharest, Romania

***Visual Perception Analysis Using the Kinect Sensor***

**Valentin-Tiberiu Amortila**, Dunarea de Jos University of Galati, Romania

**Elena Mereuta**, Dunarea de Jos University of Galati, Romania

**George Balasoiu**, Dunarea de Jos University of Galati, Romania

**Monica Novetschi**, Dunarea de Jos University of Galati, Romania

***Climate and Economical Study on The North Sea Area***

**Ana-Maria Chiroșcă**, Dunarea de Jos University of Galati, Romania

**Liliana Rusu**, Dunarea de Jos University of Galati, Romania

***Aspects Regarding the Land-Sea Interaction in the Context of Maritime Spatial Planning in Romania***

**Elena Vlasceanu**, Dunarea de Jos University of Galati, Romania

**Eugen Rusu**, Dunarea de Jos University of Galati, Romania

**Razvan Mateescu**, National Institute for Marine Research and Development, Grigore Antipa, Romania

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***The Benefits of Decentralized Application in Aviation Industry – Blockchain  
Technology-based Solutions***

**Alexandru Gabriel Andrei**, Polytechnic University of Bucharest, Romania

***Realities and Perspectives of European Maritime Trade***

**Romeo Bosneagu**, Mircea cel Batran, Naval Academy Constanta, Romania

**Carmen Elena Coca**, Mircea cel Batran, Naval Academy Constanta, Romania

***Current Trends in Social Innovation and Social Entrepreneurship***

**Luminita Iosif**, Dunarea de Jos University of Galati, Romania

***Europe in the Power Equation of Global Containerised Maritime Trade***

**Romeo Bosneagu**, Mircea cel Batran, Naval Academy Constanta, Romania

**Carmen Elena Coca**, Mircea cel Batran, Naval Academy Constanta, Romania

***European Commission's Social Policies and Development of Social  
Entrepreneurship***

**Felicia Cordoneanu**, Dunarea de Jos University of Galati, Romania

***Social Enterprises' Impact on Older People's Social Inclusion***

**Luminita Iosif**, Dunarea de Jos University of Galati, Romania

**Felicia Cordoneanu**, Dunarea de Jos University of Galati, Romania

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**ENTREPRENEURSHIP  
AND THE RULE OF LAW**

**12<sup>30</sup> – 14<sup>00</sup>**

**ONLINE PANEL 2**

*Chair: Associate Professor Ana Alina Ionescu Dumitrache, PhD*  
*Discussant: Associate Professor Sandra Gardinaru, PhD*

**Join Zoom Meeting**

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*Administrative-Territorial Units from the Perspective of the Administrative Code*  
**Vasilica Negruț**, Dunarea de Jos University of Galati, Romania

*Paternity - Aspects with Implications in the Matter of Probation of Filiation*  
**Gabriela Lupșan**, Danubius University, Romania

*Fraudulent Issuance of Money in Romanian Law*  
**Ion Rusu**, Danubius University, Romania

*Criminal Protection of the Sexual Freedom of Minors. Analysis of the Main  
Internal Amendments in the Romanian Criminal Code*  
**Ana Alina Ionescu Dumitrache**, Danubius University, Romania

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***Different Interpretations Given by Case Law on the Procedural Exceptions that  
can be raised in the Procedure before the Wealth Investigation Committee***

**Sandra Gradinaru**, “Al. I Cuza” University of Iasi, Romania

***Today's Student and the Entrepreneurial Culture***

**Mirela Costache**, Dunarea de Jos University of Galati, Romania

***Employment Contracts in the light of New Regulations***

**Georgeta Modiga**, Danubius University, Romania

***Counterfeiting Official Instruments***

**Bogdan Bîrzu**, Titu Maiorescu University, Romania

***Counterfeiting Foreign Values***

**Minodora-Ioana Rusu**, Dimitrie Cantemir Christian University, Romania

***Practical Solutions Regarding the Digitalization of Justice***

**Lenuta Giurgea**, University of European Studies of Moldova, Republic of Moldova

**Carmen Ion**, University of European Studies of Moldova, Republic of Moldova

***Between freedom of expression and the right to privacy***

**Nelu Gheorghîță**, University of European Studies of Moldova, Republic of  
Moldova

***Legislative Aspects Regarding the Regulation of Work at Home (Teleworking in  
the University Environment) in the Context of the New Challenges***

**Carmen Ion**, University of European Studies of Moldova, Republic of Moldova

**Lenuta Giurgea**, University of European Studies of Moldova, Republic of Moldova

***The Symbolic Association of Women with Nature***

**Daniela Monica Crăciun (Robu)**, Dunărea de Jos University of Galati, Romania

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**ECONOMIC ENTREPRENEURSHIP**

**14<sup>00</sup> – 15<sup>00</sup>**

**ONLINE PANEL 3**

*Chair: Professor Anca Gabriela Turtureanu, PhD*

*Discussant: Florentina Chitu, PhD in progress*

**Join Zoom Meeting**

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*Approaches to Health Efficiency Across the European Space Through the Lens of the Health Budget Effort*

**Romeo Victor Ionescu**, Dunarea de Jos University of Galati, Romania

**Valentin Marian Antohi**, Dunarea de Jos University of Galati, Romania

**Monica Laura Zlati**, Dunarea de Jos University of Galati, Romania

**Cristian Mirica**, Dunarea de Jos University of Galati, Romania

**Nicoleta Cristache**, Dunarea de Jos University of Galati, Romania

*An Overview of the Sustainable Development of the Rural Tourism Destination*

**Anca Turtureanu**, Danubius University, Romania

**Carmen Mihaela Cretu**, Danubius University, Romania

**Carmen Gabriela Sirbu**, Danubius University, Romania



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***An Econometric Analysis of the General Index of Competitiveness in Central and Eastern European Countries***

**Rodica Pripoaie**, Dunarea de Jos University of Galati, Romania

***The Importance of Price Stability***

**Gina Ioan**, Danubius University, Romania

***Determination of Unconditional Extremes of the Functions of Fundamental Symmetric Polynomials***

**Cătălin Angelo Ioan**, Danubius University, Romania

***An Assessment of Efficiency in Attracting European Funds in order to Increase Competitiveness in Entrepreneurship***

**Rodica Pripoaie**, Dunarea de Jos University of Galati, Romania

***Renewable Hydrogen - Can Be the Key to the Transition to Green Energy***

**Florentina Chitu**, Bucharest University of Economic Studies, Romania

***Romania - Integrated Part in the Energy Transition Process at European Level***

**Florentina Chitu**, Bucharest University of Economic Studies, Romania

***Cancellation of Restrictions on Covid 19 and Migration of the Ukrainian Citizens***

**Victoria Onofrei**, University of European Studies of Moldova, Republic of Moldova

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***Valences and Informational Limits of the Financial Statements Prepared by  
Romanian SMEs in the New Resilient Context***

**Georgiana – Janina Soare**, Valahia University Targoviste, Romania

**Marilena Zuca**, Valahia University Targoviste, Romania

**Victor Munteanu**, Valahia University Targoviste, Romania

**Magdalena Danescu**, Valahia University Targoviste, Romania

**Alice Tinta**, Valahia University Targoviste, Romania

**Adriana Paduraru (Horaicu)**, Valahia University Targoviste, Romania

***Internal Audit - Management Protection or a Simple Formality***

**Nicoleta Ardeleanu (Trifu)**, Valahia University Targoviste, Romania

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