



UNIVERSITATEA
PEDAGOGICĂ DE STAT
ION CREANGĂ
DIN CHIȘINĂU

National Scientific Conference
with International Participation
**MULTIDISCIPLINARY PERSPECTIVES ON
SCIENCE TEACHING AND LEARNING**

April 25, 2024
ONLINE

PROGRAMME

Chișinău, Republic of Moldova

Scientific Board / Comitetul științific

Stevan JOKICI – PhD, Project director “Ruka u testu” (La main a la pate), Belgrade, Senior researcher, Vinča Institute for Nuclear Sciences, Serbia.

Carmen – Gabriela BOSTAN – PhD, Senior researcher, National Center for Policies and Evaluation in Education, Bucharest, Romania.

Mihail CALALB – PhD, Associate Professor, Department of Theoretical and Experimental Physics, “Ion Creangă” State Pedagogical University of Chișinău.

Sergiu SANDULEAC – PhD, Associate Professor, Department of Psychology, “Ion Creangă” State Pedagogical University of Chișinău.

Svetlana BUREA – PhD, Associate Professor, Department of English Philology, “Ion Creangă” State Pedagogical University of Chișinău.

Viorel BOCANCEA – PhD, Associate Professor, Department of Theoretical and Experimental Physics, “Ion Creangă” State Pedagogical University of Chișinău.

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Andrei BRAICOV – PhD, Associate Professor, Dean of Faculty of Physics, Mathematics and Computer Sciences, “Ion Creangă” State Pedagogical University of Chișinău.

Maria POPESCU – PhD, Associate Professor, Head of Psychology Department, “Ion Creangă” State Pedagogical University of Chișinău.

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Leonid GUȚULEAC – PhD, Associate Professor, Department of Theoretical and Experimental Physics, “Ion Creangă” State Pedagogical University of Chișinău.

Organizing Board / Comitetul organizatoric

Diana ANTOCI – Doctor Habilitate, Associate Professor, Vice-rector, “Ion Creangă” State Pedagogical University of Chişinău

Mihail CALALB – PhD, Associate Professor, Department of Theoretical and Experimental Physics, “Ion Creangă” State Pedagogical University of Chişinău

Sergiu SANDULEAC – PhD, Associate Professor, Department of Psychology, “Ion Creangă” State Pedagogical University of Chişinău

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Ramona-Niculina JURCAU – Dr, Physiopathology Department, Faculty of Medicine, "Iuliu Haţieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania

Irina ZELENSCHI – PhD student, “Ion Creangă” State Pedagogical University of Chişinău

Viorel DABIJA – PhD student, “Ion Creangă” State Pedagogical University of Chişinău

Rodica DRUȚĂ – PhD student, “Ion Creangă” State Pedagogical University of Chişinău

Thursday, April 25	
Link: https://meet.google.com/gzc-juqz-avo	
10:00 – 10:20	Opening session. Welcoming speeches Diana ANTOCI – Doctor Habilitate, Associate Professor, Vice-rector, State Pedagogical University of Chişinău. Andrei BRAICOV – PhD, Associate Professor, Dean of Faculty of Physics, Mathematics and Computer Sciences, “Ion Creangă” State Pedagogical University of Chişinău. Victoria PLĂMĂDEALĂ – PhD, Associate Professor, Head of Social Assistance Department, “Ion Creangă” State Pedagogical University of Chişinău.
PLENARY SESSION	
10:20 – 10:40	JOKICI Stevan, Serbia Challenges of Contemporary Education and How to Overcome Them
10:40 – 11:00	BOSTAN Carmen – Gabriela, Romania Didactic Design with ChatPDF
11:00 – 11:20	CALALB Mihail, Moldova Learning by Being in Science Education
11:20 – 11:40	BUREA Svetlana, Moldova The Role of Multilingual Education in Enhancing Learning Outcomes
11:40 – 12:00	SANDULEAC Sergiu, Moldova Constituent Elements of Scientific Thinking Development of Future Teachers
12:00 – 12:20	Coffee break

SECTION 1 – Science Education	
Link: https://meet.google.com/gzc-juqz-avo	
Moderator: Mihail CALALB	
12:20 – 12:35	BOSTAN Carmen – Gabriela, Romania Didactic Design Using Pdfgear
12:35 – 12:50	BOCANCEA Viorel, Moldova Using Generalized Plans in Science Teaching
12:50 – 13:05	CEBOTARI Rodica, POSTOLACHI Igor, POSTOLACHI Valentina, Moldova The Study of Mechanical Oscillations
13:05 – 13:20	AMIHĂLĂCHIOAE Aniela, Romania Models, Methods and Interdisciplinary Applications of Mathematics in Sciences
13:20 – 13:35	DRUȚĂ Rodica, Moldova Interactive and Technology-Based Math Learning Methods in High School. Report on Daily Experience

SECTION 1 – Science Education (continuation) Moderator: Mihail CALALB	
13:35 – 13:50	SANDU Veronica, CLICHICI Cristina, Moldova Interdisciplinary Exploration of Mathematics and Geography in Secondary School
13:50 – 14:05	GUTULEAC Leonid, ECHIM Zinaida, Moldova Studying the Phenomenon of Radioactivity Within Nuclear Physics
14:05 – 14:20	ZELENSCHI Irina, CALALB Mihail, Moldova The Impact of Lab Work on Summative Evaluation During the Study of Electrokinetics in the 8 th Grade
14:20 – 14:35	MAKEVNINA Olga, CALALB Mihail, Moldova The Evolution of Students' Understanding of Physical Quantities According Educational Levels
14:35 – 14:50	DABIJA Viorel, CALALB Mihail, Moldova Correlation Between Metacognition, Attitude and Academic Success in 7 th Grade Physics Course

SECTION 2 – Psychology and Psycho - Pedagogy Link: https://meet.google.com/qjc-qczg-euc Moderator: Sergiu SANDULEAC	
12:20 – 12:35	OLARESCU Valentina (Moldova), BUGANU Diana Alina (Romania) Psychological and Clinical Characteristics of Preschool Children with Language Disorders
12:35 – 12:50	ADĂSCĂLIȚĂ Viorica, Moldova Psychological Practice as an Efficient Way of Professional Education of Students
12:50 – 13:05	DOROFEEV Zinaida, Moldova Resilience in Today's Teenagers
13:05 – 13:20	POPESCU Maria, Moldova The Integrative Approach in Individual and Group Psychotherapy
13:20 – 13:35	POSTOLACHE Ovidiu Mihail, Romania Affective Neuroscience. Emotion From “Basic Emotion” Approach
13:35 – 13:50	POPA Roxana, Romania Nonformal Education
13:50 – 14:05	JURCAU Ramona-Niculina, JURCAU Ioana-Marieta (Romania), Aurelia Glavan (Moldova) Some Ethical Dimensions of Scientific Authorship
14:05 – 14:20	PITI Irina, SANDULEAC Sergiu, Moldova Psychological Security of Teens in Vocational School

SECTION 3 – General Theory of Education**Link:** <https://meet.google.com/xzi-toco-zpa>**Moderator: Svetlana BUREA**

12:20 – 12:35	ABUO AFASH Hoda, Israel Exploring Pedagogical Aspects in Children's Literature, A Tool for Communication and Skills Development
12:35 – 12:50	GAVRILA Roxana Maria, Romania Organizing the School Curriculum and Evaluation From the Perspective of Learning Through Graphic Organizers
12:50 – 13:05	BURDUJAN Radu, Moldova Exploring the Role of Task-Based Language Learning in an Interdisciplinary approach
13:05 – 13:20	BEŞU Ana-Maria, Romania Promoting the School Image Through Prosocial Behavior Activities in Early School-Age Students
13:20 – 13:35	CHIRICA Florentina Simona, Romania Integrating Concepts and Methods for a Holistic Education
13:35 – 13:50	YAVUZ Tatiana, Moldova Pedagogical Approaches in The Use of Modern Technology in English Classroom
13:50 – 14:05	GOROBET Evelina, Moldova Methods and Techniques for Teaching English Using Artificial Intelligence