

Science & Education Policies



United Nations
Educational, Scientific and
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Ministry
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of Moldova



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International Conference for the Central and Eastern Europe, Balkans, Caucasus and Baltic States

*Chisinau, Republic of Moldova
September 18-21, 2008*

PROGRAMME

SCIENCE & EDUCATION POLICIES

Science and Education Policies

International Conference for the Central and Eastern Europe,

Balkans, Caucasus and Baltic States

September 18-21, Chişinău, Republic of Moldova

Programme

September 18, 2008		
Participants Arrival	8:00-24:00	Airport–Hotel
Welcome Reception	19:30-21:00	
September 19, 2008		
Participants Registration	8:00-9:00	Academy of Sciences of Moldova (ASM)
CONFERENCE OPENING	9:00-09:45	ASM Blue Conference Hall
PRESS-CONFERENCE	9:45-10:15	ASM Blue Conference Hall
Coffee&Tea	9:45-10:15	ASM Gold Conference Hall
SESSION 1: STRENGTHENING INTERNATIONAL IMPACT OF NATIONAL RESEARCH AND EDUCATION PROGRAMS	10:15-13:00	ASM Blue Conference Hall
Lunch	13:00-14:00	ASM Gold Conference Hall
SESSION 2: STRENGTHENING RESEARCH IN HIGHER EDUCATION	14:00-18:00	ASM Blue Conference Hall
Coffee&Tea	15:30-16:00	ASM Gold Conference Hall
SESSION 2: Continuation	16:00-18:00	ASM Blue Conference Hall
Cultural Program	18:00	
September 20, 2008		
SESSION 3: DEVELOPING A KNOWLEDGE BASED ECONOMY	9:00-12:30	ASM Blue Conference Hall
Coffee Breek	11:00-11:30	ASM Gold Conference Hall
SESSION 3: Continuation	11:30-12:30	ASM Blue Conference Hall
Lunch	12:30-13:30	ASM Gold Conference Hall
SESSION 4: STEMMING AND REVERSING BRAIN-DRAIN	13:30-16:00	ASM Blue Conference Hall
Coffee Breek	16:00-16:30	ASM Gold Conference Hall
CONFERENCE CONCLUSIONS AND RECOMMENDATIONS	16:30-17:30	ASM Blue Conference Hall
Closing Ceremony	17:30	
September 21, 2008		
Participants Departure	6:00-24:00	Hotel-Airport
Cultural Program	9:30-13:00	

THURSDAY, 18 SEPTEMBER 2008

19:30 – 21:00 WELCOME RECEPTION

FRIDAY, 19 SEPTEMBER 2008

08:00 – 09:00 Participants Registration

09:00 – 09:45 **OPENING CEREMONY**

Chairpersons: **Gheorghe DUCA**, President of the Academy of Sciences of Moldova
Larisa ŞAVGA, Minister of Education and Youth of Moldova

Welcome: **Vladimir VORONIN**, President of the Republic of Moldova
Reforms & Perspectives for Development of Science and Education in the Republic of Moldova

Zoran STANČIČ, Deputy Director-General of DG Research, European Commission

Engelbert RUOSS, Director, UNESCO Regional Bureau for Science and Culture in Europe (BRESCE)

Pietro Ercole AGO, Secretary General of the Central European Initiative

Eric NOVOTNY, Senior Vice President, U.S. Civilian Research & Development Foundation

Dendev BADARCH, Director, UNESCO Moscow Office

Valeriu OSTALEP, Chairman, South-Eastern Europe Cooperation Process

09:45 – 10:15 **PRESS-CONFERENCE**

Group photo in front of the Academy of Sciences of Moldova

09:45 – 10:15 Coffee break

10:15 – 13:00 **SESSION I: STRENGTHENING INTERNATIONAL IMPACT OF NATIONAL RESEARCH & EDUCATION PROGRAMS**

Chairpersons: **Momir DJUROVIC**, President of the Montenegrin Academy of Sciences and Arts

Vanya DOBREVA, Deputy Minister of Education and Science of Bulgaria

Rapporteur: **Zoran STANČIČ**, Deputy Director-General of DG Research, European Commission (*The Challenge to Strengthen the International Impact of Research and Education Programmes and How the European Community's 7th Research Framework Programme Has Answered It*)

Speakers: **George BONAS**, Adviser for S&T, International Centre for Black Sea Studies (*Bilateral and Multilateral Cooperation Activities: Key Factors and Synergies*)

Huntington WILLIAMS, III, Director, the Washington Advisory Group (*The Global Research Partnership of KAUST: A Model for Research Universities in the 21st Century*)

Zoran KOVACEVIC, President of Novi Sad Branch, Serbian Academy of Sciences and Arts (*Some Important Questions Concerning Development of Research and Education in Serbia*)

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Adila KRESO, University of Sarajevo, Academy of Sciences and Arts of Bosnia and Herzegovina (*Achieving the Teaching Goals of Bologna Process in Higher Education in B&H, and Neglecting Research Programs and Policy*)

Jaan KÕRGESAAR, Head of Higher Education Department, Ministry of Education and Research of the Republic of Estonia (*Estonian HE and R&D Policy, 1992-2008*)

Karen K. OATES, Deputy Director of the Division of Undergraduate Education, U.S. National Science Foundation (*Research and Education: Supporting Integration for Discovery and Student Learning*)

12:30 – 13:00 DISCUSSIONS SESSION I

13:00 – 14:00 Lunch

14:00 – 18:00 **SESSION II: STRENGTHENING RESEARCH IN HIGHER EDUCATION**

Chairperson: **Alexander NEKIPELOV**, Vice-president of the Russian Academy of Sciences
Engelbert RUOSS, Director, UNESCO BRESCE

Rapporteur: **Michael SCHLICHT**, Federal Ministry for Education and Research, Germany (*The Impact of Research on the Development of Higher Education*)

Speakers: **Žarko OBRADOVIĆ**, Minister of Education of Serbia
Marjorie SENECHAL, U.S. Civilian Research & Development Foundation Board Member (*A 10-year U.S.-Russian Collaboration in Research and Higher Education*)
Teki BIÇOKU, President of the Academy of Sciences of Albania (*Contribution of Academy of Sciences of Albania on Strengthening Research in Higher Education*)
Momir DJUROVIC, President of the Montenegrin Academy of Sciences and Arts (*Science for Education & Education for Science*)

15:30 – 16:00 Coffee break

16:00 – 17:30
Speakers: **Vlado KAMBOVSKI**, Vice-president of the Macedonian Academy of Sciences and Arts (*Macedonian Approach to Strengthening the Research in Higher Education*)
Atanas ATANASSOV, Scientific Secretary of the Bulgarian Academy of Sciences (*Science and Higher Education in Bulgaria in Searching of Common Perspectives*)
Valéria CSÉPE, Deputy Secretary General of the Hungarian Academy of Sciences (*How to Facilitate Professional Research in the Hungarian RTD*)
Revaz ASATIANI, Head of Science Division, Georgia National Science Foundation (*GNSF as a Key Player in Reforms of S&T Sector in Georgia*)

17:30 – 18:00 DISCUSSIONS SESSION II

18:00 – 21:00 **CULTURAL PROGRAM**

SATURDAY, 20 SEPTEMBER 2008

9:00 – 12:30

SESSION III: DEVELOPING A KNOWLEDGE-BASED ECONOMY

Chairperson: **Cristian ADOMNIȚEI**, Minister of Education, Research and Youth of Romania
Tarik CELIK, Vice-president of the Turkish Academy of Sciences

Rapporteurs: **Václav PAČES**, President of the Academy of Sciences of the Czech Republic
(Research as a Driving Force for Economic and Social Growth)
Dr. Eric NOVOTNY, Senior Vice President, U.S. Civilian Research & Development Foundation
(Building a Knowledge-based Economy)

Speakers: **Mikhail MYASNIKOVICH**, Chairman of the Presidium of the National Academy of Sciences of Belarus
(Forming a New Economy in the Republic of Belarus)
Aleksei SISAKIAN, Director of Joint Institute for Nuclear Research & **Mikhail ITKIS**, JINR Vice Director
(Science – Education – Innovation: the basis for the development of scientific centres and state economy)
Kenneth STOKES, Dean of the Tillman School of Business, Mount Olive College, North Carolina, USA
(Global Open Innovation System. Mega-Clusters and the Knowledge-based Economy)
Eugenijus BUTKUS, Chairman of Science Council of Lithuania
(Linking business with science and technology – policy developments in Lithuania)
Michael PETERS, Professor, Educational Policy Studies, University of Illinois at Urbana-Champaign, USA
(Developing a Knowledge-based Economy: Building a National Science and Education Assessment System)

11:00 – 11:30

Coffee break

11:30 – 12:00

Speakers: **Gennadiy PIVNYAK**, Rector of the National Mining University of Ukraine
(Cooperation between National Academy of Science, Universities and Business in Contest of Economic Knowledge Development)
Aminaga SADIGOV, Head of Scientific and Organizational Department of the Presidium of Azerbaijan National Academy of Science
(The National Innovation System of Azerbaijan: Governance and Appraisal)
Florin FILIP, Vice-president of the Romanian Academy & **Igor COJOCARU**, Director of the Information Society Development Institute of the Academy of Sciences of Moldova
(Information Technology and Cultural Heritage)

12:00 – 12:30

DISCUSSIONS SESSION III

12:30 – 13:30

Lunch

SCIENCE & EDUCATION POLICIES

13:30 – 16:00

SESSION IV: STEMMING AND REVERSING BRAIN DRAIN

Chairperson: **Mikhail MYASNIKOVICH**, Chairman of the Presidium of the National Academy of Sciences of Belarus
Eugenijus BUTKUS, Chairman of Science Council of Lithuania

Rapporteur: **Christine AGHAZARM**, International Organization for Migration (*Stemming and Reversing the Brain Drain: a Global Perspective*)

14:00 – 15:30

Speakers: **Vanya DOBREVA**, Deputy Minister of Education and Science of Bulgaria (*Common Problems that the SEE Region Faces in Terms of Brain Drain*)
Sergii PIROJKOV, Extraordinary and Plenipotentiary Ambassador of Ukraine to the Republic of Moldova (*The Problem of Outflow of Young Researchers and Specialists: the Ukrainian Experience*)
Dražen VIKIĆ-TOPIĆ, State Secretary for Science and Technology, Ministry of Science, Education and Sport of Republic of Croatia (*Croatian Programme for Brain Circulation: Unity Through Knowledge Fund*)
Landis HENRY, Deputy Executive Director, Science & Technology Centre in Ukraine (STCU) (*Stemming and Reversing Brain Drain – A role for STCU*)
Gilbert FAYL, Secretary of External Affairs, European Academy of Sciences (*Mobility of Talent: the Other Side of the Coin*)
Bernard ZENELI, Brain Gain Programme Manager, Government of Albania & UNDP Albania (*Brain Gain Policy and Lessons Learned in Albania*)
Janis JASKO, Secretary General, Association of Latvian Young Scientists (*Involvement of Young Scientists in Decision Making Process in Latvia - First Step to Stem Brain Drain*)
Igor YEGOROV, Centre for S&T Potential and Science History Studies, National Academy of Sciences of Ukraine (*Problems of Measurement of the Real Brain Drain in the post-Soviet States: Ukrainian Case*)

15:30 – 16:00

DISCUSSIONS SESSION IV

16:00 – 16:30

Coffee break

16:30 – 17:30

CONFERENCE CONCLUSIONS AND RECOMMENDATIONS

17:30

CLOSING CEREMONY

SUNDAY, 21 SEPTEMBER 2008

Departure of the Participants

10:00 – 13:00

CULTURAL PROGRAM

Science and Education Policies

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Balkans, Caucasus and Baltic States

September 18-21, Chişinău, Republic of Moldova

Organizational Committee

Honorary members:

Acad. **Gheorghe DUCA**, President, Academy of Sciences of Moldova
Mrs. **Larisa ŞAVGA**, Minister of Education and Youth of the Republic of Moldova
Mr. **Engelbert RUOSS**, Director, UNESCO BRESCE
Dr. **Dendev BADARCH**, Director, UNESCO Moscow Office
H.E. **Pietro Ercole AGO**, General Secretary of Central European Initiative
Dr. **Cathleen A. CAMPBELL**, President and Chief Executive Officer,
U.S. Civilian Research & Development Foundation
Dr. **John C. ZIMMERMAN**, Associate Director for Science and Technology,
U.S. Office of Naval Research Global

Members:

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Integration, Republic of Moldova
Luminita DRUMEA - National Commission of the Republic of Moldova for UNESCO

The Organizing Committee of the International Conference for the Central and Eastern Europe, Balkans, Caucasus and Baltic States on Science and Education Policies highly appreciate the financial support and assistance, provided by the following agencies:

- **Academy of Sciences of Moldova**
- **U.S. Department of State**
- **U.S. Civilian Research and Development Foundation**
- **Ministry of Education and Youth of the Republic of Moldova**
- **Ministry of Foreign Affairs and European Integration of the Republic of Moldova**
- **Central European Initiative**
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- **Ministry of Agriculture and Food Industry of the Republic of Moldova**
- **National Commission of the Republic of Moldova for UNESCO**
- **Other institutions and individuals contributing for the successful organization of this event**

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Organizers and Sponsors



United Nations
Educational, Scientific and
Cultural Organization

The United Nations Educational, Scientific and Cultural Organization (UNESCO, www.unesco.org) was founded on 16 November 1945.

UNESCO promotes international co-operation among its 193 Member States and six Associate Members in the fields of education, science, culture and communication.



The Academy of Sciences of Moldova (ASM, www.asm.md), in its role of the highest scientific forum of the country, represents the only public institution of national interest in the sphere of science and innovation, is a plenipotentiary coordinator of scientific and innovation activity, scientific consultant of the public authorities of the Republic of Moldova, has an autonomous statute and acts on the basis of self-administration principles.

The Academy of Sciences develops its activity according to the provisions of the Constitution of the Republic of Moldova, the Code on Science and Innovation, the Partnership Agreement with the Government of the country, its Statute and other legislative and normative documents.



Ministry
of Education
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of the Republic
of Moldova

The Ministry of Education and Youth of the Republic of Moldova (www.edu.gov.md) is a Governmental structure responsible for the development and implementation of the education policy in Moldova.



The Central European Initiative (CEI, www.ceinet.org) is composed of 18 Member States: Albania, Austria, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, the Czech Republic, Hungary, Italy, Macedonia, Moldova, Montenegro, Poland, Romania, Serbia, Slovakia, Slovenia and Ukraine.

CEI is an intergovernmental forum for political, economic and cultural co-operation among its Member States.



South-Eastern Europe Cooperation Process (SEECP, <http://www.chairmanship.mfa.md/south-east-european-cooperation-process/>) is the supreme political Forum in South Eastern Europe and includes 11 member states from the region, the main objective being the adherence of the member states to the European Union. The priority domains of cooperation within the SEECP are: Economic and Social Development; Infrastructure; Justice and Home Affairs; Security Cooperation; Strengthening of the Human Capital, Education and Science; Parliamentary Cooperation



The U.S. Civilian Research & Development Foundation (CRDF, www.crdf.org) is a private, nonprofit organization authorized by the U.S. Congress and established by the National Science Foundation in 1995. CRDF promotes international scientific and technical collaboration between the United States and Eurasia through grants, technical resources and training. The foundation also promotes the transition of former weapons scientists to civilian work to help reduce the global spread of weapons of mass destruction.



The Moldovan Research and Development Association (MRDA, www.mrda.md) is an independent, nonprofit organization established in 2000 with the support of the U.S. Civilian Research and Development Foundations in cooperation with the Government of Moldova. The Moldovan Research and Development Association advances science and technology development in Moldova by: developing international cooperation; preventing emigration and dissolution of the scientific and industrial potential; contributing to building a knowledge-based economy.



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