



NATIONAL ACADEMY OF SCIENCES OF THE
REPUBLIC OF ARMENIA
SNPO "NATIONAL BUREAU OF EXPERTISES"



«ROLE AND SIGNIFICANCE OF FORENSIC ACTIVITY IN THE LEGAL SYSTEM,
CURRENT TASKS, TRENDS AND PROSPECTS OF DEVELOPMENT»

International Scientific-Practical Conference

AGENDA

dedicated to

the 20th anniversary of the establishment of
SNPO "NATIONAL BUREAU OF EXPERTISES" OF THE NATIONAL ACADEMY OF SCIENCES
OF THE REPUBLIC OF ARMENIA

25-27 September

Yerevan, 2024

ORGANIZATIONAL COMMITTEE OF THE CONFERENCE

CHAIRMAN

Argam Hovsepyan Director of the SNPO "National Bureau of Expertises" NAS RA, Head of the Chair of Forensic Medicine of the National Institute of Health of the Ministry of Health of RA, Ph.D

COMMITTEE MEMBERS

Patvakan Voskanyan Deputy Director for Scientific Work of SNPO "National Bureau of Expertises" NAS RA, Ph.D

Aram Gahnepetyan Deputy Director for Expert Work of SNPO "National Bureau of Expertises" NAS RA, Associate Professor of the Chair of Forensic Medicine of the National Institute of Health of the Ministry of Health of RA, Ph.D

Khachatur Abajyan Deputy Director for Financial and Economic Work of SNPO "National Bureau of Expertises" NAS RA

Sergey Savchuk Cofounder of Association of Specialists in Chemical Toxicological and Forensic Analysis, Doctor of Chemistry

Karen Mamikonyan Head of Scientific Research and Technical Testing Coordination Department of SNPO "National Bureau of Expertises" NAS RA, Secretary of the Science Council Ph.D, Associate professor

Karen Mkhitarian Head of Forensic Medical Expertise Department of SNPO "National Bureau of Expertises" NAS RA, Assistant to the Chair of Forensic Medicine of the National Institute of Health of the Ministry of Health of RA

Arusyak Mosikyan Head of Information Assurance Department of SNPO "National Bureau of Expertises" NAS RA

Anna Harutyunyan Chief specialist of Information Assurance Department of SNPO "National Bureau of Expertises" NAS RA

Hasmik Sahakyan Chief specialist of Information Assurance Department of SNPO "National Bureau of Expertises" NAS RA

Taguhi Melqonyan Chief specialist of Information Assurance Department of SNPO "National Bureau of Expertises" NAS RA

Anna Petrosyan Head of Ecological, Soil and Biological Expertise Department of SNPO "National Bureau of Expertises" NAS RA

Beatriche Grigoryan Legal counsel of SNPO "National Bureau of Expertises" NAS RA

Julieta Ghahramanyan Head of Explosives and Explosions Expertises Unit of SNPO "National Bureau of Expertises" NAS RA

Armine Martirosyan Chief specialist of Scientific Research and Technical Testing Coordination Department of SNPO "National Bureau of Expertises" NAS RA

AGENDA

INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE

«Role and Significance of Forensic Activity in the Legal System, Current Tasks,
Trends and Prospects of Development»

25-27 September

Yerevan, 2024

The first day of the Conference 25 September 2024, Wednesday				
Venue: The Conference Hall of Sport and Concert Complex after Karen Demirchyan (address: 0028, Yerevan, Tsitsernakaberd Park, 1 Building)				
08:30-09:45	Conference participants registration			
10:00-12:30	Solemn ceremony, welcome address, speeches, addresses, official opening of the Conference			
12:30-13:00	The signing ceremony of international cooperation agreements and a joint photo shoot of conference participants			
13:00-14:00	<i>Lunch</i>			
14:00-15:20	Plenary sessions of the Conference (duration of the plenary reports – 20-30 minutes)			
15:20-15:40	<i>Coffee Break</i>			
15:40-17:00	Plenary sessions of the Conference (duration of the plenary reports – 20-30 minutes)			
The second day of the Conference 26 September 2024, Thursday				
Section I	Section II	Section III	Section IV	Section V
Modern Requirements and Problems of Legal and Scientific Methodical Support of Forensic Activity, Their Role in Protection of the Rights and Interests of Both the State and Individuals	Current Problems and Trends of Development of Criminalistic Expertise	Current Problems and Trends of Development of Forensic Chemical Expertise	Current Problems and Trends of Development of Forensic Engineering and Technical Expertise	Current Problems and Trends of Development of Forensic Medical, Genetic, Biological, Psychological and Psychiatric Expertise
Venue				
“IBIS YEREVAN CENTER” “Ararat” Hall (0001, Yerevan, Northern Ave., 5/1 Building)	SNPO “National Bureau of Expertises” NAS RA “Hall № 2” (24 Admiral Isakov Ave. 0004, Yerevan)	“IBIS YEREVAN CENTER” “Karin” Hall (0001, Yerevan, Northern Ave., 5/1 Building)	SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)	“IBIS YEREVAN CENTER” “Yerevan” Hall (0001, Yerevan, Northern Ave., 5/1 Building)
10:00-17:00	10:00-17:00	10:00-17:00	10:00-17:00	10:00-17:00
The third day of the Conference 27 September 2024, Friday				
Section I	Section II	Section III	Section IV	Section V
Modern Requirements and Problems of Legal and Scientific Methodical Support of Forensic Activity, Their Role in Protection of the Rights and Interests of Both the State and Individuals	Current Problems and Trends of Development of Criminalistic Expertise	Current Problems and Trends of Development of Forensic Chemical Expertise	Current Problems and Trends of Development of Forensic Engineering and Technical Expertise	Current Problems and Trends of Development of Forensic Medical, Genetic, Biological, Psychological and Psychiatric Expertise
Venue				
SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)	SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan))	SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)	SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)	SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)
10:00-13:00	10:00-13:00	10:00-13:00	10:00-13:00	10:00-13:00

INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE

25-27 September
Yerevan, 2024

THE FIRST DAY

25 September 2024, Wednesday

Solemn ceremony, speeches, opening of the Conference and plenary sessions dedicated to the 20th anniversary of the establishment of SNPO "National Bureau of Expertise" NAS RA

- **Venue** : The Conference Hall of Sport and Concert Complex after Karen Demirchyan (address: 0028, Yerevan, Tsitsernakaberd Park, 1 Building)

08:30-09:45	<i>Registration of Conference Participants</i>
10:00-12:30	<p>Solemn ceremony, welcome address, speeches, addresses, official opening of the Conference</p> <ul style="list-style-type: none">▪ Welcome address of the Director of SNPO "National Bureau of Expertises" SNPO, Head of the Chair of Forensic Medicine of the National Institute of Health of the Ministry of Health, Ph.D, Argam Hovsepyan▪ The address of Executive, Legislative and Judicial Authorities of the Republic of Armenia,▪ Welcome address of the Management of National Academy of Sciences of the Republic of Armenia▪ The addresses of the Embassy of the USA in the Republic of Armenia,▪ The addresses of the Heads of different Government agencies of the Republic of Armenia,▪ The address of the Management of the International Criminal Investigative Training Assistance Program (ICTTAP) of the U.S. Department of Justice▪ The addresses of the Chairman of European Network of Forensic Science Institutes,▪ The address of the Management of the Kutafin Moscow State Law University,▪ The address of the president of American company «GTH DNA»,▪ Address of the Counsel of the Government of India, Advocate General of the Supreme Court of India,▪ The addresses and speeches of international partners,▪ The official opening of the Conference
12:30-13:00	The signing ceremony of international cooperation agreements and joint photo shoot of

	conference participants
13:00-14:00	<i>Lunch</i>
14:00-17:00	Plenary sessions of the Conference (duration of the plenary reports: 20-30 minutes)
14:00-14:20	A. Hovsepyan , Republic of Armenia, Director of “National Bureau of Expertises” SNPO, Head of the Chair of Forensic Medicine of the National Institute of Health of the Ministry of Health of RA, Ph.D <i>The Role and Significance of Forensic Activity in the Legal System, Current Issues, Development Trends and Perspectives</i>
14:20-14:40	A. Buryak , Russian Federation, Director A.N. Frumkin Institute of Physical Chemistry and Electrochemistry of Russian Academy of Sciences, Doctor of Chemical Sciences, Professor, Corresponding Member of RAS, <i>Main Areas of Scientific Cooperation Between the Institute of Physical Chemistry and Electrochemistry of RAS, the Association of Specialists in Chemical-Toxicological and Forensic Chemical Analysis and the National Bureau of Expertises of the National Academy of Sciences of the Republic of Armenia</i>
14:40-15:10	Yu. Chernov , Switzerland, Research Director, Institute for Handwriting Sciences, Dr. <i>Comprehensive Systems Analysis of Handwriting for Legal Expertise: an AI-Enhanced Software Framework</i>
15:10-15:30	O. Cataraga, P.Petkovich , Republic of Moldova, Director of the National Judicial Expertise Center of the Ministry of Justice of the Republic of Moldova Deputy Director of the National Judicial Expertise Center of the Ministry of Justice of the Republic of Moldova <i>Can We Identify the Executor by Copies of Scripts and Signatures or Not</i>
15:30-16:00	<i>Coffee Break</i>
16:00-16:20	G. Popa , Romania President of the Romanian Forensic Scientists Association, Faculty of Law, Romanian-American University of Bucharest, Romania and Ph.D. Supervisor at the “Titu Maiorescu” University of Bucharest, Romania, Doctoral School of Law <i>Integrative Synthesis Regarding Unique and Innovative Methods of Fingerprint Detection and Recovery</i>
16:20-16:40	T. Moiseeva , Russian Federation, Head of the Chair of Forensic Expertise and Criminalistics of the Russian State University of Justice, Doctor of Law, Ph.D., Professor <i>Problems of Legal Regulation of Forensic Activity</i>
16:40-17:00	I. Moroz , Republic of Belarus Director of the Scientific and Practical Center for Strengthening the Legality and Law

Enforcement of the Prosecutor General's Office of the Republic of Belarus, Ph.D. <i>Criminogenic Risk in the Context Of Solving the Problems of Criminological Expertise of the Draft Normative Legal Act</i>
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THE SECOND DAY

26 September 2024, Thursday

SECTION I

Modern Requirements and Problems of Legal and Scientific Methodical Support of Forensic Activity, Their Role in Protection of the Rights and Interests of Both the State and Individuals

- **Venue:** "IBIS YEREVAN CENTER" "Ararat" Hall (0001, Yerevan, Northern Ave., 5/1 Building)

09:00-09:55	<i>Registration of Conference Participants</i>
10:00-13:00	Session Moderators: A.Hovsepyan, Ph.d T.Moiseeva, Doctor of Law, Ph.D., Professor
10:00-10:25	O. Dyakonova , Russian Federation, Professor at the Chair of Forensic Expertise of O.E. Kutafin Moscow State Law University, Doctor of Law, Associate Professor <i>Modern Trends of Forensic Activities</i>
10:25-10:45	T. Tolstukhina , Russian Federation, Professor at the Chair Forensic Expertise and Customs Affairs of the Institute of Law and Management Tula State University, Doctor of Law <i>Modern Problems of Using Special Knowledge In Criminal Proceedings</i>
10:45-11:05	Ye. Rossinskaya , Russian Federation, Head of the Department of Forensic Examinations of Moscow State Law University named after O.E. Kutafin, Doctor of Law, Professor, Honored Scientist of the Russian Federation, Honored Worker of Higher Professional Education of the Russian Federation, Academician of the Russian Academy of Natural Sciences <i>Directions for the Development of Forensic Expertise in the Context of Digital Transformation</i>
11:05-11:30	D. Bakhteev , Russian Federation, Professor at Ural State Law University named after V. F. Yakovlev, Chief Researcher of the Scientific Research Department, Doctor of Law, Associate Professor <i>The Importance and Risks of Using Automated Signature Verification Systems in Expert and Pre-Expert Activities in Terms of Scientific and Methodological Support for the Interests of Individuals</i>
11:30-11:50	<i>Coffee Break</i>

11:50-12:10	<p>I. Kopilov, Republic of Belarus, Director of the Center for the Belarusian Culture, Language and Literature researches of the National Academy of Sciences of Belarus, Ph.D.</p> <p><i>From the Experience of Conducting Linguistic Examinations at the Yakub Kolas Institute of Linguistics (National Academy of Sciences of Belarus). Modern Requirements for Legal Support of Forensic Activities</i></p>
12:10-12:30	<p>Sh. Uruzmatov, Republic of Uzbekistan Head of the Department of Forensic Economic Expertise of the Republican Center of Forensic Expertise named after H. Sulaimanova under the Ministry of Justice of the Republic of Uzbekistan</p> <p><i>The Importance of Forensic Economic Expertise in Crimes Solving</i></p>
12:30-13:00	<p>V. Fedorenko V., Russian Federation, Head of the Educational and Scientific Laboratory of Forensic Materials Science of the Institute of Physics of Saratov State University named after N.G. Chernyshevsky, PhD, Associate Professor, K. Sorokina, Russian Federation, Assistant of the Department of Medical Cybernetics of the Faculty of Fundamental Medicine of Saratov State University named after N.G. Chernyshevsky P. Giverts, Israel, Expert, Israel Police Ballistics Laboratory, PhD</p> <p><i>Analysis of Neural Network Classification of Striker Marks on Firearms Specimens Taking into Account Modern Requirements of Scientific and Methodological Support for Forensic Activities</i></p>
13:00-14:00	<i>Lunch</i>
14:00-17:00	<p>Session Moderators: A.Hovsepyan, Ph.d T.Moiseeva, Doctor of Law, Ph.D., Professor</p>
14:00-14:20	<p>V.Yengibaryan, Republic of Armenia, Honored Lawyer of RA, Doctor of Law, Professor,</p> <p><i>Criminal Procedure Issues of Forensic Expertise</i></p>
14:20-14:40	<p>A. Svetlichny, Russian Federation, Head of the Chair of Forensic Science and Customs Affairs of the Institute of Law and Management of Tula State University, Ph.D., Associate Professor</p> <p><i>Some Terminological Problems of the Forensic Examination Institute</i></p>
14:40-15:00	<p>I. Skvorcova, Republic of Belarus, Head of the Department of Fine and Decorative Arts of the branch of the Institute of Art History, Ethnography and Folklore named after Kondrat Krapiva of the State Scientific Institution The Center for the Belarusian Culture, Language and Literature researches of the National Academy of Sciences of Belarus, Ph.D.</p> <p><i>From the Experience of Expert Studies of Liturgical Costume Made from Kuntush Belts</i></p>

	<i>Made by Armenian Textile Manufactories in Belarus and Poland. Modern Scientific and Methodological Solutions in the Conduction of Forensic Expertise</i>
15:00-15:20	Ye. Kafadaryan , Republic of Armenia, Leading scientific worker at the Institute for Physical Research of NAS RA, Ph.D. <i>Modern Scientific and Methodological Approaches to Instrumental Support for Determining the Degree of Yellow Coloration of Natural Diamonds for Objective Control of Their Value</i>
15:20-15:50	<i>Coffee Break</i>
15:50-16:15	A. Mnatsakanyan , Republic of Armenia, Head of Educational-Methodical and Development Department of MIA Educational Complex of the Republic of Armenia, Ph.D, Associate Professor, Police Lieutenant Colonel <i>Cybercrime Victimological Prevention Measures, the Role of the State and Individuals in the Processes of Protection of Rights and Interests</i>
16:15-16:40	A. Tsvetkova , Russian Federation, Ural State Law University named after V. F. Yakovlev, Junior research scientist at the Center for the Development of Forensic Expertise <i>Modern Requirements for Legal Support of the Appropriateness of Appointing Computer-Technical Expertise In Criminal Cases</i>
16:40-17:00	S. Zhdanov , Russian Federation, Associate Professor at Plekhanov Russian University of Economics, Ph.D. <i>Introduction to Specific Knowledge in Forensics</i>

SECTION II

Current Problems and Trends of Development of Criminalistic Expertise

- **Venue:** SNPO “National Bureau of Expertises” NAS RA “Hall № 2” (24 Admiral Isakov Ave. 0004, Yerevan)

09:00-09:55	<i>Registration of Conference Participants</i>
10:00-13:00	Session Moderator: A.Gahnapetyan, Ph.D.
10:00-10:20	A. Gahnapetyan , Republic of Armenia, Deputy Director for Expert Work of SNPO "National Bureau of Expertises", Ph.D. <i>Problems and Modern Requirements of Organization of Forensic Expertise</i>
10:20-10:40	I. Ustinova , Russian Federation, Associate Professor at the Institute of Law and Management Tula State University, Ph.D. <i>Forensic forecasting: problems of theory and practice</i>
10:40-11:00	V. Hovhannisyan , Republic of Armenia, Head of Firearms Expertise Department of SNPO "National Bureau of Expertises" <i>Features and Importance of Detecting the Mechanism of Causing Gunshot Injuries</i>

	<i>According to the Complex Analysis of Forensic Firearms and Forensic Medicine Characteristics</i>
11:00-11:20	M. Aloyan , Republic of Armenia, Head of Handwriting and Authorship Expertise Department of SNPO "National Bureau of Expertises" <i>Peculiarities of Examining Handwritten Notes and Signatures Made by the Same Person at Different Times</i>
11:20-11:50	<i>Coffee Break</i>
11:50-12:10	D. Panchenya , Republic of Belarus, Head of the Department of Research and Accounting of Animal Origin and Fibrous Nature Objects of the Department of Expertise of Animal and Plant Origin Objects, Odor Traces and Fibrous Materials of the Main Department of Special Expertise of the Central Office of the State Forensic Examination Committee of the Republic of Belarus <i>Practical Issues of Criminalistic Examination of Non-Woven Fibrous Materials</i>
12:10-12:30	L. Mekinyan , Republic of Armenia, Expert at the Traceological Expertise Department of SNPO "National Bureau of Expertises" <i>Peculiarities and Anomalies In Fingerprinting</i>
12:30-13:00	D. Zholudeva , Republic of Belarus, Researcher at the laboratory of technical and forensic research of the scientific department of technical, forensic and special research of the state institution "Scientific and Practical Center of the State Forensic Examination Committee of The Republic of Belarus." <i>Justification of the Application of the Method of Probabilistic-Statistical Modeling In Calculating the Identification Significance of Particular Features of Handwriting and the Essence of Its Modification</i>
13:00-14:00	<i>Lunch</i>
14:00-17:00	Session Moderator: A.Gahnapetyan, Ph.D.
14:00-14:20	Yu. Yarotskay , Republic of Belarus, Head of the Laboratory of Art and Cultural Studies of the state institution "Scientific and Practical Center of the State Forensic Examination Committee of The Republic of Belarus" <i>Forensic Art Expertise. Belarusian Experience</i>
14:20-14:40	J. Ghahramanyan , Republic of Armenia, Head of Explosives and Explosions Expertises Unit of SNPO "National Bureau of Expertises" <i>Issues of Detection of Traces of Oil Products and Flammable Liquids and Their Identification Within the Framework of Fire-Technical Expertise</i>
14:40-15:00	S. Poznyak , Republic of Belarus, State institution "Scientific and Practical Center of the State Forensic Examination Committee of The Republic of Belarus", Doctor of Agricultural Sciences, Professor <i>Specific Features of Sample Preparation In the Study of Food Additives in the Framework of Forensic Chemical Expertise</i>

15:00-15:20	<p>A. Petrosyan, Republic of Armenia, Head of Ecological, Soil and Biological Expertise Department of SNPO "National Bureau of Expertises"</p> <p><i>Evaluation of the Growth Intensity Indicators of Some Tree Species Growing In the Reserves of the Tavush Region of RA and Systematic Analysis of the Obtained Data In Order to Identify the Most Targeted Tree Species In the Forest Restoration Process.</i></p>
15:20-15:50	<i>Coffee Break</i>
15:50-16:20	<p>N. Sharkova , Republic of Belarus, State institution "Scientific and Practical Center of the State Forensic Examination Committee of The Republic of Belarus"</p> <p><i>Non-Destructive Methods of Technical and Technological Research and Their Application In the Attribution of Works of Artistic Ceramics</i></p>
16:20-16:40	<p>N. Gurina, Republic of Belarus, Central office of the State Committee for Forensic Examinations</p> <p><i>On the Issue of Conducting a Forensic Cultural Expertise of Pornographic Materials and Objects of a Pornographic Nature</i></p>
16:40-17:00	<p>G. Israyelyan, Republic of Armenia, Head of the Scientific Research Center of Applied Problems in Criminology of SNPO "National Bureau of Expertises", Ph.D., Associate Professor</p> <p><i>Aspects of the Development of Legal Bases of Forensic Activity</i></p>

SECTION III

Current Problems and Trends of Development of Forensic Chemical Expertise

- **Venue:** "IBIS YEREVAN CENTER" "Karin" Hall (0001, Yerevan, Northern Ave., 5/1 Building)

09:00-09:55	<i>Registration of Conference Participants</i>
10:00-13:00	<p>Session Moderators: A. Buryak, Corresponding Member of RAS, Doctor of Chemical Sciences, Professor S. Savchuk, Doctor of Chemical Sciences</p>
10:00-10:20	<p>M. Stoian, Romania General secretary of the Romanian Forensic Scientists Association, Faculty of Law, "Titu Maiorescu" University of Bucharest, Romania, Col.(r.) chemist eng., Ph.D, Adjunct Professor, Forensic Expert,</p> <p><i>The New Psychoactive Substances – Chemical Challenges, Legislative Challenges in Romania</i></p>
10:20-10:40	<p>A. Novikov, Russian Federation, Head Physician, Surgut Clinical Psychoneurological Hospital, Khanty-Mansi Autonomous</p>

	<p>Area –Yugra, Main external specialist, Psychiatrist-narcologist, Department of Health, Khanty-Mansi Autonomous Area – Yugra, PhD in Medicine</p> <p><i>System of Quality Control and efficiency of chemical toxicological laboratories of Khanty-Mansi Autonomous Area – Yugra.</i></p>
10:40-11:00	<p>S. Savchuk, Russian Federation Co-founder of Association of chemical toxicological and forensic chemical analysis specialists (ACTFCAS), Ph.D.</p> <p><i>Analysis of Biological Samples With Complicated Matrix (Hair And Nail Samples, Putrified Cadaveric Tissues) By GC-MS And HPLC-MS/MS: Permanent Quality Control of Results.</i></p>
11:00-11:15	<p>M. Gofenberg, Russian Federation, Main external specialist in analytical and forensic toxicology of the Ministry of Health, of Sverdlovsk region</p> <p><i>Laboratory Diagnosis of Complicated Cases of Acute Exogenous Intoxications, Detection and Identification of NPS (Case Studies of Toxicological Center of Sverdlovsk Region)</i></p>
11:15-11:30	<p>A. Yudina, Russian Federation, Forensic expert, Regional Bureau of Forensic Expertise, Penza</p> <p><i>Using of HPLC-MS/MS for unusual cases of chemical forensic expertise</i></p>
11:30-11:50	<i>Coffee Break</i>
11:50-12:05	<p>A. Kind, Republic of Armenia, Senior Quality Assurance Engineer «Quantori»</p> <p><i>Application of Artificial Intelligence-Based Language Models to Optimize Information Retrieval in Toxicological Analysis</i></p>
12:05-12:20	<p>D. Buchel, Republic of Belarus, Lead Chemical Analyst at the Department of Chemical Toxicological Analysis of National Anti-Doping Laboratory of the Republic of Belarus</p> <p><i>Identification of Substances with Unknown Structure: Application of “Hybrid Search” Using NIST MS Search Software</i></p>
12:20-12:40	<p>M. Botezatu, Republic of Moldova, Head of the Forensic Toxicology Department of the Center of Forensic Medicine of the Republic of Moldova</p> <p><i>Estimation of “Matrix Effect” for Ethanol Determination in Blood Samples in Comparison with Water Solution Samples Using HS Coupled with Dual-Channel GC-FID</i></p>
12:40-13:00	<p>L. Rizvanova, Russian Federation, Head of Toxicology Laboratory, Nizhnevartovsk Psychoneurological Hospital, Department of Health, Khanty-Mansi Autonomous Area –Yugra</p> <p><i>Determination of Volatile Toxicants in Biological Samples. Differentiation of Cases of Alcohol Consumption Before Death and Cases of Postmortem Ethanol Formation.</i></p>
13:00-14:00	<i>Lunch</i>

14:00-17:00	Session Moderators: A. Buryak, Corresponding Member of RAS, Doctor of Chemical Sciences, Professor S. Savchuk, Doctor of Chemical Sciences
14:00-14:20	M. Vishnevsky , Israel «Fungiline» LLC, Tel-Avive, Israel <i>Poisonous Macromycetes of Armenia</i>
14:20-14:35	M. Aigumov , Russian Federation, Head of the Laboratory of Toxicology, Narcological Hospital, Noyabrsk <i>Identification of toxins from fly agaric, death cap, and psilocybin mushrooms using chromatography-mass spectrometry methods (based on prepared methodological recommendations)</i>
14:35-14:50	V. Kulbatski , Republic of Belarus, Lead Chemical Analyst at the Department of Chemical Toxicological Analysis of the National Anti-Doping Laboratory of the Republic of Belarus <i>Determination of Muscarine, Muscimol and Ibotenic Acid in Human Biological Fluids Using HPLC-HRMS. Estimation of Acute Poisoning Cases in Comparison with Microdosing Cases</i>
14:50-15:05	A. Tovmasyan , Republic of Armenia, Head of Materials Science Expertise Department of SNPO "National Bureau of Expertises" <i>Identification Criteria and Technologies of Synthesis For A-PVP: Qualitative and Quantitative Estimation of Final Product as well Raw Material and Intermediate Products of Synthesis Using Testing Reference Samples</i>
15:05-15:20	M. Kirakosyan , Republic of Armenia, Head of Toxicological Expertise Department of SNPO "National Bureau of Expertises", Assistant at the Forensic Medicine Chair of the National Institute of Health of the Ministry of Health of the Republic of Armenia. <i>Estimation of Sensitivity and Efficiency of Modern Chromatographic Systems Coupled with Mass-Spectrometers for Using in Area of Forensic Chemical Expertise (Case Study - Analytical System Agilent 6475LC/TQ In National Bureau of Expertises of Republic of Armenia)</i>
15:20-15:50	<i>Coffee break</i>
15:50-16:10	A. Gil , Russian Federation, Expert at the Department of Monitoring and Estimation of Risk Factors of Noncommunicable Diseases, WHO's European Bureau <i>Surrogate Alcohol in Region of Russia: Results of Qualitative Analysis by GC-MS</i>
16:10-16:30	Suhova I. , Russian Federation, Head of testing laboratory (Stavropol city) <i>Markers of Authenticity for Distilled Alcoholic Beverages (Cognac, Whisky) Detected By GC-MS. Armenian Fruit Vodkas.</i>

16:30-16:45	<p>N. Cadochnikov, Republic of Moldova, Forensic toxicologist at the Forensic Toxicology Department of the Center of Forensic Medicine of Republic of Moldova</p> <p><i>Comparative Study of Classical Moldavian Divins and Armenian Cognacs Using Procedure of Microextraction with Butyl Acetate Followed by GCMS</i></p>
16:45-17:00	<p>Nikolyan S., Republic of Armenia, Expert at Food Products and Drinks Expertise Department of SNPO "National Bureau of Expertises"</p> <p><i>Microorganisms as Indicators of Food Products Security and Relevant Food Poisoning</i></p>

SECTION IV

Current Problems and Trends of Development of Forensic Engineering and Technical Expertise

- **Venue:** SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)

09:00-09:55	<i>Registration of Conference Participants</i>
10:00-13:00	Session Moderator: K. Mamikonyan, Ph.D.
10:00-10:20	<p>K. Mamikonyan, Republic of Armenia, Head of the Scientific Research and Technical Testing Coordination Department of SNPO “National Bureau of Expertises”, Ph.D., Associate Professor</p> <p><i>The Requirement of the Experience of Conducting a Scientific Research Work in the Field of Application of Special Knowledge</i></p>
10:20-10:40	<p>L. Hayrapetyan, Republic of Armenia, Expert of Ecological Expertise Department of SNPO “National Bureau of Expertises”</p> <p><i>Environmental method of drying and storage of mining production waste</i></p>
10:40-11:00	<p>H. Gabrielyan, Republic of Armenia, Head of Commodity Expertise Department of SNPO “National Bureau of Expertises”</p> <p><i>Development of forensic commodity expertise over the past five years. Introduction and application of the data base</i></p>
11:00-11:20	<p>V. Qocharyan, Republic of Armenia, Head of Audio and Video, Photo-Technical and Portrait Expertise Department of SNPO “National Bureau of Expertises”</p> <p><i>Features of conducting video-recording and autotechnical complex expertise, the problems that arise during the conduction of these expertise and the methods of solving them</i></p>
11:20-11:50	<i>Coffee Break</i>
11:50-12:10	<p>E. Avanesov, Republic of Armenia, Head of the Cultural Expertise Department of SNPO “National Bureau of Expertises”</p>

	<i>Privileges of Conducting Carry out Cultural Expertise</i>
12:10-12:30	A. Harutyunyan , Republic of Armenia, Expert of Commodity Expertise Department of SNPO “National Bureau of Expertises” <i>Features of Research of Intellectual Property Objects Within the Framework of Already Performed Expertise</i>
12:30-13:00	L. Harutyunyan , Republic of Armenia, Expert at Economics and Accounting Expertise Department of SNPO “National Bureau of Expertises” Raising the Problems of Control of Cashless Transactions, as well as Trade and Services Money Circulation on Electronic Platforms and Their Possible Solutions In the Field of Expertise
13:00-14:00	<i>Lunch Break</i>
14:00-17:00	Session Moderator: K. Mamikonyan K, Ph.D.
14:00-14:20	A. Badeyan , Republic of Armenia, Head of Engineering and Technical Expertise Department of SNPO "National Bureau of Expertises" <i>Importance of Human Factor Influence In Accidents Caused by Violations of Safety Equipment Rules</i>
14:20-14:40	A. Bagratuni , Republic of Armenia, Expert of Commodity Expertise Department of SNPO “National Bureau of Expertises” <i>Current Issues of Determining the Value of Real Estate within the Framework of Already Performed Expertise</i>
14:40-15:00	A. Mirakyan , Republic of Armenia, Head of Construction and Technical Expertise Department of SNPO “National Bureau of Expertises” <i>The Main Directions of the Construction and Technical Expertise Carried Out In the Organization, the Possibilities of Applying Modern Measuring Technical Means During Their Solution, the Development of New Methodology</i>
15:00-15:20	R. Margryan , Republic of Armenia, Expert of Explosives, Fire and Explosions Expertise Department of SNPO “National Bureau of Expertises” <i>Forensic Electro-Technical Expertise Assigned on Cases of Electrocution In Power Plants And Certain Difficulties In Their Conduction.</i>
15:20-15:40	<i>Coffee Break</i>
15:40-16:00	D. Dallakyan , Republic of Armenia, Head of the Autotechnical Department of SNPO “National Bureau of Expertises” <i>Determining the Speed of Vehicles by Means of a Complex Forensic Autotechnical and Forensic Auto-Video Technical Expertise</i>

16:00-16:20	<p>N. Janjikian, R. Khachatryan, Republic of Armenia, Experts of Computer-Technical Expertise Department of SNPO “National Bureau of Expertises”</p> <p><i>Data recovery capabilities, technical approaches, and issues for data recovery (also deleted) from internal memory drives of mobile phones.</i></p>
16:20-16:40	<p>A. Hakobyan, Republic of Armenia, Expert of Commodity Expertise Department of SNPO “National Bureau of Expertises”</p> <p><i>Current Issues of Determining the Amount of Damage Caused to an Electric Motor Vehicle</i></p>
16:40-17:00	<p>I. Ladinenko, A. Kravchuk, Republic of Belarus, State institution "Scientific and Practical Center of the State Forensic Examination Committee of The Republic of Belarus",</p> <p>Junior Researcher of the Economic Research Laboratory of the State Committee of Forensic Examinations of the Republic of Belarus</p> <p><i>Study of the Possibility of Fulfilling Obligations by a Business Entity within the Framework of a Forensic Economic Expertise</i></p>

SECTION V

Current Problems and Trends of Development of Forensic Medical, Genetic, Biological, Psychological and Psychiatric Expertise

- **Venue:** “IBIS YEREVAN CENTER” “Yerevan” Hall (0001, Yerevan, Northern Ave., 5/1 Building)

09:00-09:55	<i>Registration of Conference Participants</i>
10:00-13:00	Session Moderators: A. Charchyan, Doctor of Medicine, Professor K. Mkhitarian
10:00-10:25	<p>Zh. Akhatov, Republic of Kazakhstan, Forensic medical expert at the Branch of Forensic Expertise Center of the Ministry of Justice of the Republic of Kazakhstan, Interregional Center of Forensic Expertise for the Central Region</p> <p><i>Positional Asphyxia as a Rare Subtype of Mechanical Asphyxia</i></p>
10:25-10:45	<p>T. Moiseeva, Russian Federation, Head of the Chair of Forensic Expertise and Criminalistics of the Russian State University of Justice, Doctor of Law, Ph.D., Professor</p> <p><i>Criminalistic Examination of Blood Traces: Modern Possibilities, Problems and Prospects</i></p>
10:45-11:05	<p>M. Petrosyan, Republic of Armenia, Pulmonologist at Izmirlyan MC, Professor at the National Health Institute of Health named after S. Avdalbekyan of the Ministry of Health of the RA, Doctor of Medicine, Honorary</p>

	<p>Doctor of Sciences of the International Academy of Natural Sciences, professor, full member (academician) of the International Academy of Neurosciences</p> <p><i>Forensic Problems in the Diagnosis of Bronchial Asthma</i></p>
11:05-11:30	<p>S.Sahyan, Republic of Armenia Head of the Medical Expertise Quality Management Course at the National Health Institute of Health named after S. Avdalbekyan of the Ministry of Health of the RA, Doctor of Medicine,</p> <p><i>Analysis of Typical Forensic Medical Errors During the Conduction of Military Medical Examination</i></p>
11:30-11:50	<i>Coffee Break</i>
11:50-12:10	<p>M.Aigumov, Russian Federation, Head of the Laboratory of Toxicology, Narcological Hospital, Noyabrsk</p> <p><i>Confirmation Algorithm for Trace Amounts of Psychoactive Substances Detectable by HPLC-MS/MS Screening (Using Determination of Toxins from Amanita Muscaria as Example)</i></p>
12:30-13:00	<p>S. Savchuk, Russian Federation Co-founder of Association of chemical toxicological and forensic chemical analysis specialists (ACTFCAS), Ph.D.</p> <p><i>Rapid Liquid Extraction Method for Preparation of Cadaveric Tissues for GC-MS and HPLC-MS/MS Analysis. Case from Practice: Detection of Carfentanil in Putrefied Liver Tissue, Altered by Decay</i></p>
	<p>V. Akimova , Russian Federation Forensic Expert of Forensic Chemical Expertise Department of Russian Center of Forensic Medicine of the Ministry of Health of the Russian Federation</p> <p><i>On the Possibility of Using an Orbital Ion Trap to Solve Problems of Forensic Medical Toxicology</i></p>
13:00-14:00	<i>Lunch</i>
14:00-17:00	Session Moderators: A. Charchyan, Doctor of Medicine, Professor K. Mkhitaryan
14:00-14:20	<p>L.Avagyan, Republic of Armenia Head of the Biological Traces Expertises Unit of SNPO “National Bureau of Expertises”</p> <p><i>"Study of the Characteristics of Determining the Age of Traces of Blood on Fabrics, Taking Into Account The Features of Assessing the Factors Affecting the Traces"</i></p>
14:20-14:40	<p>N. Kochiashvili , Republic of Georgia, Head of Forensic Biology Department, National Forensic Bureau of Georgia</p> <p><i>Prevention of DNA Contamination in Forensic Laboratories</i></p>
14:40-15:00	<p>S. Borella , Federal Republic of Germany HID Sales Manager for Emerging Markets including Middle East, Africa, CIS, Georgia and</p>

	Ukraine at Thermo Fisher Scientific. <i>"Integrated Personal Identification (HID) Solutions using HID Technologies from Thermo Fisher"</i>
15:00-15:20	A. Mamikonyan , Republic of Armenia, Head of the Forensic Genetic Expertise Unit of SNPO “ National Bureau of Expertises” <i>Localization of Methods of Expert Evaluation of DNA Extraction and Quantitative Results of DNA Research from Ancient Bone Remains of Human Origin in Forensic Medical Practice at the National Bureau of Expertise</i>
15:20-15:50	<i>Coffee Break</i>
	R. Aghuzumcyan , Republic of Armenia Head of Psychological Expertise Department of SNPO “National Bureau of Expertises of RA”, PhD Modern Problems and Features of Forensic Psychological Expertise
15:50-16:15	A. Gevorgyan , Republic of Armenia Head of Forensic Psychiatric Expertise Department of SNPO “National Bureau of Expertises” <i>The Ability to Work from the Point of View of Forensic Psychiatric Expertise</i>
16:40-17:00	G. Shahverdyan , Republic of Armenia, Expert at the Forensic Psychological Expertise Department of SNPO “National Bureau of Expertises” <i>Peculiarities of Assessing the Ability to Show Resistance in the Framework of Forensic Psychological Expertise</i>

THE THIRD DAY

27 September 2024, Friday

SECTION I

Modern Requirements and Problems of Legal and Scientific Methodical Support of Forensic Activity, Their Role in Protection of the Rights and Interests of Both the State and Individuals

- **Venue:** “SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)

9:00-09:55	<i>Registration of the conference participants</i>
10:00-13:00	Session moderators: A.Hovsepyan, Ph.d T.Moiseeva, Doctor of Law, Ph.D., Professor
Round table	

<i>Discussion of contemporary requirements and issues in the legal and scientific-methodological support of forensic activities, current questions of training and qualification improvement for forensic experts, presentation of existing structures in participating countries, and analysis of effective solutions to problems based on best practices</i>	
11:20 – 11:50	<i>Coffee Break</i>
12:30-13:00	Questions and discussion

SECTION II

Current Problems and Trends of Development of Criminalistic Expertise

- **Venue:** “SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)

9:00-09:55	<i>Registration of the conference participants</i>
10:00-13:00	Session moderator: A.Gahnapetyan, Ph.D.
11:20 – 11:50	<i>Coffee Break</i>
Round table <i>Discussion of current issues and trends in the development of forensic criminalistics, presentation of the experience of participating countries, identification of the most frequently occurring issues, and analysis of effective solutions and scientific-methodological support using modern technologies</i>	
12:30-13:00	Questions and discussion

SECTION III

Current Problems and Trends of Development of Forensic Chemical Expertise

- **Venue:** “SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)

9:00-09:55	<i>Registration of the conference participants</i>
10:00-13:00	Session Moderators: A. Buryak, Corresponding Member of RAS, Doctor of Chemical Sciences, Professor S. Savchuk, Doctor of Chemical Sciences
11:20 – 11:50	<i>Coffee Break</i>
Round table <i>Discussion of current issues and trends in the development of forensic chemistry, presentation of the application of modern research methods in forensic chemistry in participating countries, identification of the most frequently occurring problems, and analysis of effective solutions based on best practices</i>	
12:30-13:00	Questions and discussion

SECTION IV

Current Problems and Trends of Development of Forensic Engineering and Technical Expertise

- **Venue:** “SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)

9:00-09:55	<i>Registration of the conference participants</i>
10:00-13:00	Session Moderator: K. Mamikonyan, Ph.D.
11:20 – 11:50	<i>Coffee Break</i>
Round table <i>Discussion of current issues and trends in the development of forensic engineering and technical expertise, presentation of the experience of participating countries, identification of the most frequently occurring questions, and analysis of effective solutions and scientific-methodological support using modern technologies</i>	
12:30-13:00	Questions and discussion

SECTION V

Current Problems and Trends of Development of Forensic Medical, Genetic, Biological, Psychological and Psychiatric Expertise

- **Venue:** “SNPO “National Bureau of Expertises” NAS RA “Hall № 1” (24 Admiral Isakov Ave. 0004, Yerevan)

9:00-09:55	<i>Registration of the conference participants</i>
10:00-13:00	Session Moderators: A. Charchyan, Doctor of Medicine, Professor K. Mkhitarian
11:20 – 11:50	<i>Coffee Break</i>
Round table <i>Discussion of current issues and trends in the development of forensic medical, including forensic genetic and forensic biological, as well as forensic psychiatric and forensic psychological expertise, presentation of the application of modern research methods in these areas in participating countries, identification of the most frequently occurring problems, and analysis of effective solutions based on best practices</i>	
12:30-13:00	Questions and discussion