

PROGRAM

International Scientific and Practical Conference “Forensic Science in the Justice System: Challenges and Prospects”

 **Dates: September 11–12, 2026**

 **Venue: Astana, Republic of Kazakhstan**

PLENARY SESSION

Key discussion topics:

- Forensic science in the era of artificial intelligence
- International standards in forensic science and quality assurance
- Examination of emerging threats and new forms of crime
- Forensic science and human rights protection
- Science, innovation, and the future of forensic science
- Training of future experts and international academic cooperation
- Countering transnational crime
- Regional challenges of justice digitalization
- Development of forensic infrastructure across countries

THEMATIC AREAS AND DISCUSSION TOPICS

- *Digital assets and cryptocurrencies in forensic science:* practical aspects: strengthening law and order and financial security in the digital economy; legal and technical aspects of digital assets; challenges and prospects for the development of digital forensics; the role of forensic science in protecting the rights of citizens and businesses in the field of cryptocurrencies
- *Forensic examination of narcotic drugs, psychotropic substances, their analogues and precursors:* “designer” drugs and issues of their classification; errors in the analysis of narcotic and psychotropic substances; modern approaches to precursor identification; chemical and toxicological analysis in forensic practice
- *Forensic medical examination:* innovations and practical application: modern methods of forensic medical diagnostics;

interdisciplinary training of specialists; latest technological advances in forensic medicine; postmortem imaging and virtopsy; expert and legal practice in assessing bodily harm; forensic chemical analysis in medical examination

- *Other relevant issues*

BUSINESS PROGRAM

- Meeting of the Director of the Center for Forensic Examinations of the Ministry of Justice of the Republic of Kazakhstan with heads of foreign delegations (closed format)

- Cultural program for international participants