

## Workshop Agenda

### “Noise cancellation and preprocessing of audio files before identification: limits of applicability and methods of identification results’ impact assessment”

Date	Time	Topic	Spokesman
June 27, Monday	10:00-10:30	Opening of the workshop.	Khitrov M.
	10:30-11:30	Welcoming remarks by Mikhail Khitrov.	
	10:30-11:30	Workshop’s agenda announcement, presentation of experts, guest speakers and STC expert team. Announcement of the company’s products that will be discussed in the framework of the stated workshop perspectives.	Barinov A.
	11:45-13:00	Speech of STS’s Senior Expert Sergey Koval on "Noise reduction and preprocessing of audio files for speaker ID using STC technologies and algorithms"	Koval S.
	14:30-15:45	Introduction of the hardware-based solutions for noise reduction: Denoiser Box, ANF-II	Landa E.
16:00-17:30	Appliance of hardware-based noise cancellation solutions. Case studies. Discussion of the problems.		
June 28, Tuesday	09:30-10:00	Report of Dr. Cem Yuksel, Head of Forensic Audio & Video Crime Lab of Ankara, Turkey “Preprocessing of Recordings Before Speaker Identification”	Dr. Cem Yuksel
	10:00-10:30	Report of Dr. Bernardas Salna, Head of Forensic Audio & Video Lab of Vilnius, Lithuania “Practical Features of Speaker Identification”.	Dr. Bernardas Salna
	10:45-12:30	Presentation of the software-based solutions for noise cancellation and identification: SIS, Sound Cleaner	Teplyakov A.
	14:00-15:15	Use of software-based automatic and manual methods of noise reduction in practice. Case studies. Discussion of the problems.	Rykov I.
	15:30-16:30	Practical applications of expert speaker ID. Semi-automatic ID – the pros and cons. Appropriateness of different methods. Problems and their solutions.	Koval S.
June 29, Wednesday	09:30-10:00	Report of Timur Svirava, audio-video forensic expert of the Northwestern Regional Center of Forensic Examinations “Procedural aspects of the forensic examinations”	Svirava T.
	10:00-10:30	Report of Dr. Eduardo Garcia, Senior Expert of SSP, Mexico “Experience of implementing and operating the Automatic Voice Identification System (AVIS) in Mexico.”	Dr. Eduardo Garcia
	10:45-12:30	Automatic noise cancellation and speaker ID with VoiceNet / VoiceNey ID	Teplyakov A.
	14:00-15:00	Scope of the practical application of automatic systems of noise cancellation and speaker ID. Real problems of confidence intervals and their solutions. Risk function.	Rykov I. Koval S.
	15:00-15:30	Closing of the seminar. Handling out certificates and souvenirs.	Khitrova J.