

Speech Technology Center International Workshops

Concept

Speech Technology Center is a recognized global technological leader in a number of the fastest growing voice-based technology sectors, including: speaker recognition, biometric voice authentication and identification, noise cancellation, multi-channel and hand-held digital recording.

STC's Expert team provides training and consulting for forensic professionals and audio specialists on the subjects of speech and signal processing, noise suppression, text decoding, audio authentication and forensic audio examination. Their engaging style, ability to translate complex technical issues into easily understandable topics and, exposure to numerous cases in the field enable them to relate to the trainees regardless of whether they are beginners or advanced learners.

In 2011 **STC** launches a brand new project - **International Forensic Workshops** for audio forensic experts and customers of the Company. The workshops will be held three times a year and will run over three working days each. The first three venues will be **St. Petersburg**, Russia, **Saarbrücken**, Germany and **New York**, USA. The number of participants for each workshop will vary from 15 to 30 people.

Format

Each seminar will be devoted to the discussion of the announced topic by exchange of experience in the "master-class" format. Meetings will be held in the format of informal lectures, with analysis of real cases and active participation of all present. Everyone will have an opportunity to express his proposal for solving a specific problem or question any of those present.

Idea

The main difference between these workshops and other conferences, symposia etc. is the fact that the meetings are purely working with a joint solution of practical problems, and only the necessary minimum of theory. The main idea of the workshops is real exchange of experience, knowledge and practical recommendations.

Guest speakers

For each workshop there will be two renowned experts as the guest speakers. They will address the most relevant issues in the field of forensic audio and voice biometrics, informing a highly qualified audience on the evolution of the core technologies in these spheres.

Modular system

The audience will benefit from the modular system of the workshops enabling each delegate to create his or her own customized program. Everyone can choose from three options:

- *Basic Package* including only participation in the workshop and lunches;
- Paying in addition for *Comfort Package* one will get four-night accommodation at the business class hotel with daily breakfasts and private transfers upon arrival and departure;
- For those who are interested in Russian culture in general and history of St. Petersburg in particular there is an exclusive possibility to go for *Social Package** including comprehensive sightseeing visits, entertainment and dinners at authentic Russian restaurants.

**available for Russian workshop only*

STC International Workshop Agenda, St. Petersburg, Russia, 27-29 June 2011

Sunday, 26 June 2011

Comfort package

Arrival to Pulkovo International Airport of St. Petersburg. Individual transfers to the [Park Inn Pulkovskaya](#) hotel by business class cars.

The venue is conveniently located on Moskovsky prospect, St. Petersburg's main southern avenue. The distance to the Pulkovo airport is only 5 km. The historic centre of St. Petersburg can easily be accessed by public transport, with Moskovskaya metro station in less than 10 minutes' walk from the hotel. There is also a free shuttle bus circulating between the hotel and the city center.

The Park Inn Pulkovskaya hotel has 840 modern and well-appointed guest rooms and provides excellent facilities for business travelers, including stylish, state-of-the-art meeting spaces seating up to 600 people. The hotel also offers a great selection of bars and restaurants and a fitness centre with large indoor swimming pool.

Check-in at the hotel.

Overnight at the Park Inn Pulkovskaya hotel.

Monday, 27 June 2011

Business package

10:00-10:30

Opening of the workshop.

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.

11:30-12:00

Coffee Break

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"

13:00-14:30

Lunch Break

14:30-15:45

Introduction of the hardware-based solutions for noise reduction: Denoiser Box, ANF-II

15:45-16:00

Coffee Break

16:00-17:30

Appliance of hardware-based noise cancellation solutions. Case studies. Discussion of the problems.



Social package

18:00-21:00

Panoramic city tour. St. Petersburg is the city of infinite charm with its majestic palaces, churches and cathedrals, river embankments, beautiful parks and innumerable bridges, a city of imperial proportions and romantic vistas.

Visit to St. Isaac's Cathedral. Fourth highest cupola cathedral in the world St. Isaac's has a breathtaking interior design. The cathedral can accommodate 13000 worshippers in a time. The monolithic columns of the portico cut from red granite are seventeen meters high and weigh 114 tons each. The mosaic inside has twelve thousand shades and colors, the walls are five meters thick and the main cupola is coated with 100 kilos of gold.

21:00-22:30

Dinner is served at the typical Russian restaurant "St. Petersburg" situated in the one of the most beautiful places of the city - on the Griboedova Canal embankment just opposite the famous Church of the Savior on the Spilled Blood.

The special pride of the restaurant is the costume show featuring Russian, Gypsy and Cossack songs and dances.



Comfort package

Overnight at the Park Inn Pulkovskaya hotel.

Tuesday, 28 June 2011

Business package

09:00-10:30

Expert's report on the topic of the seminar

10:30-10:45

Coffee Break

10:45-12:30

Presentation of the software-based solutions for noise cancellation and identification: SIS, Sound Cleaner

12:30-14:00

Lunch

14:00-15:15

Use of software-based automatic and manual methods of noise reduction in practice. Case studies. Discussion of the problems.

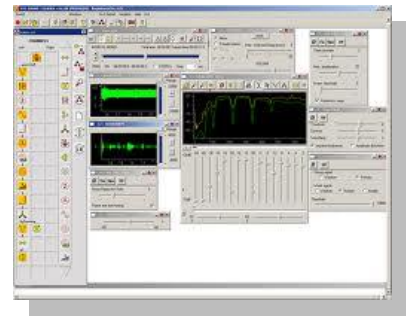


15:15-15:30

Coffee Break

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.



Social package

17:30-18:30

Private boat trip along the canals and the Neva river. One can fully appreciate unique and enchanting St. Petersburg architecture only when admiring the city from rivers and canals – the looming silhouettes of the bridges, the grandeur of the waterways, the granite embankments with their various piers and slipways – all these contribute to the unique appearance of the "Venice of the North", one of the world's most beautiful cities.



18:30-19:30

Dinner at "Chaplin Hall" restaurant before the performance. The windows of the restaurant overlook the legendary cruiser Aurora.



20:00-22:30

Russian Ballet performance at the Aurora Palace Theatre. The performance boasts participation of the masters of the Russian ballet school and can be considered a real treasure of the ballet art.



Comfort package

Overnight at the Park Inn Pulkovskaya hotel.

Wednesday, 29 June 2011

Business package

09:00-10:30

Expert's report on the topic of the seminar

10:30-10:45

Coffee Break

10:45-12:30

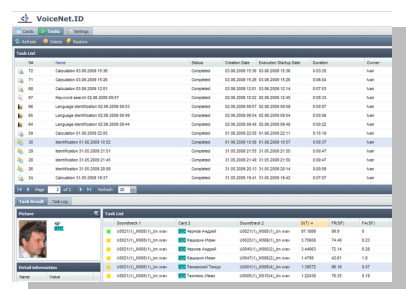
Automatic noise cancellation and speaker ID with VoiceNet ID

12:30-14:00

Lunch

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.



ID	Name	Score	Confidence	Speaker	Speaker Date	Speaker	Speaker
72	Семинин 01.08.2008 11:30	0.9288	0.9288	Семинин	01.08.2008 11:30	01.08.2008 11:30	0.9288
71	Семинин 01.08.2008 11:30	0.9288	0.9288	Семинин	01.08.2008 11:30	01.08.2008 11:30	0.9288
70	Семинин 01.08.2008 11:31	0.9288	0.9288	Семинин	01.08.2008 11:31	01.08.2008 11:31	0.9288
69	Михайлов 01.08.2008 11:37	0.9288	0.9288	Михайлов	01.08.2008 11:37	01.08.2008 11:37	0.9288
68	Лангас 01.08.2008 11:37	0.9288	0.9288	Лангас	01.08.2008 11:37	01.08.2008 11:37	0.9288
67	Лангас 01.08.2008 11:38	0.9288	0.9288	Лангас	01.08.2008 11:38	01.08.2008 11:38	0.9288
66	Лангас 01.08.2008 11:39	0.9288	0.9288	Лангас	01.08.2008 11:39	01.08.2008 11:39	0.9288
65	Лангас 01.08.2008 11:40	0.9288	0.9288	Лангас	01.08.2008 11:40	01.08.2008 11:40	0.9288
64	Лангас 01.08.2008 11:41	0.9288	0.9288	Лангас	01.08.2008 11:41	01.08.2008 11:41	0.9288
63	Семинин 01.08.2008 11:42	0.9288	0.9288	Семинин	01.08.2008 11:42	01.08.2008 11:42	0.9288
62	Семинин 01.08.2008 11:43	0.9288	0.9288	Семинин	01.08.2008 11:43	01.08.2008 11:43	0.9288
61	Семинин 01.08.2008 11:44	0.9288	0.9288	Семинин	01.08.2008 11:44	01.08.2008 11:44	0.9288
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59	Семинин 01.08.2008 11:46	0.9288	0.9288	Семинин	01.08.2008 11:46	01.08.2008 11:46	0.9288
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57	Семинин 01.08.2008 11:48	0.9288	0.9288	Семинин	01.08.2008 11:48	01.08.2008 11:48	0.9288
56	Семинин 01.08.2008 11:49	0.9288	0.9288	Семинин	01.08.2008 11:49	01.08.2008 11:49	0.9288
55	Семинин 01.08.2008 11:50	0.9288	0.9288	Семинин	01.08.2008 11:50	01.08.2008 11:50	0.9288



15:00-15:30

Closing notes by Mikhail Khitrov. Handing out the certificates and souvenirs.



Social package

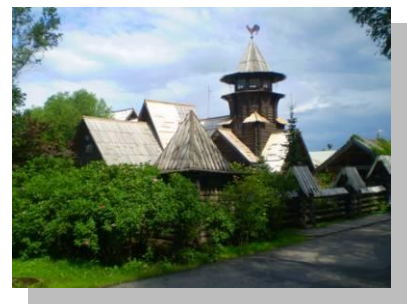
16:00-18:00

Tour of Pushkin: Catherine's Palace with Amber Room. Small town of Pushkin is located in 25 km from the city. Guests will see the beautiful Catherine's park and visit Catherine's Palace, considered to be a real pearl of Russian baroque architecture of the 18th century. It was built for Russian Empress Catherine in 1752. The palace, a combination of white and gold, looks magnificent; a huge ballroom called the Grand Hall, ornately decorated drawing rooms, studies and dining rooms. The most famous room here is the Amber Room, which was looted by the Nazis during World War II and completely restored in 2005.



18:30-20:00

Dinner at genuine Russian restaurant "Podvorie", Vladimir Putin's the favorite. The restaurant is a typical wooden log house resembling a fortress. Guests are served a farewell dinner with delicious Russian appetizers and famous "borsch" (beet-root soup) accompanied by Cossack's folklore.



Comfort package

Overnight at the Park Inn Pulkovskaya hotel.

Thursday, 30 June 2011

Check-out from the hotel.

Guests are met by the drivers with signs and transferred to the airport by business-class cars.

Registration information

Business Package.....€ 779 (\$ 1090)

(Including 3-day participation in the workshop with 3 lunches)

Comfort Package supplement.....€ 699 (\$ 979)

(Including accommodation with daily breakfasts based on single occupancy at hotel *Park Inn Pulkovskaya***** 26-30 June (4 nights), individual arrival and departure transfers)

Social Package supplement.....€ 399 (\$ 559)

(Including services of professional English-speaking guide, private air-conditioned bus with driver and all entrance tickets as per the itinerary)

*Share a room with your colleague/spouse and get a discount of € 200 (\$ 280) for the **Comfort Package!***

REGISTRATION DEADLINE* – 10 JUNE, 2011. Download the [Registration Form](#).

*Register before **May 11** and get an Early Bird discount for the **Business Package - € 50 (\$ 70)!***

**hotel's space is not guaranteed*