

**Activities of  
IEEE ST.Petersburg BT/CE/COM  
Chapter,  
IEEE Russia Northwest Section**

Dmitry Tkachenko,  
Chapter Chair

**EAME RCCC-2009**

Dresden, Germany

15 June 2009

# History of the Chapter

- Established on 18 February 1998 as a Chapter of Broadcast Technology Society, included 16 members
- Status of the Chapter changed to joint BTS/ComSoc Chapter on 14 April 1999
- Status of the Chapter changed to joint BT/COM/CAS Chapter on 27 July 2000
- On 22 October 2003 the status of the Chapter was changed to IEEE St.Petersburg BT/CE/COM Chapter
- IEEE Russia Northwest Section was established in 2003

# Chapter Awards

- The chapter has been awarded by 2003 Communications Society Chapter Achievement Award
- The Chapter has been awarded by 2005 Chapter Achievement Award of the IEEE Communications Society as an Excellent Regional Chapter

# **Major Events in 2008 (ICT 2008)**

- The Chapter was a technical co-sponsor for 15th International Conference on Telecommunications (ICT 2008) that was held in St.Petersburg on 16 – 19 June 2008. 96 papers from 21 countries were delivered at the conference including several keynotes and invited papers from the world's leading experts.
- International Workshop on Multiple Access Communications (MACOM 2008) was held on 16 – 17 June 2008 in St.Petersburg along with ICT 2008 conference. 26 papers were delivered at the workshop.

# **Major Events in 2008 (NEW2AN 2008)**

- The Chapter took part in organizing the 8th International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networking NEW2AN 2008 (St.Petersburg, 3 – 4 September 2008). 32 papers were delivered at the conference and about 90 participants attended the conference,
- The Chapter took part in organizing the 1st Conference on Smart Spaces ruSMART 2008 that was held in St.Petersburg on 5 September 2008 in conjunction with NEW2AN 2008 conference.

# IEEE EUROCON 2009 conference

- EUROCON 2009 took place in St. Petersburg, Russia on May 18 – 23, 2009
- Devoted to the 150 anniversary of Alexander Popov, Russian scientist and engineer who made the first public demonstration of radio signal transmission and reception on May 7, 1895.
- 17 TPC tracks, 3 special sessions and 3 poster sessions.
- More than 540 submitted papers, more than 150 reviewers, more than 400 papers selected for presentation and publication.

# **IEEE Milestone at EUROCON 2009**

- IEEE Milestone Plaque was opened in the Central Museum of Communications in recognition of pioneering contribution of Russian scientist P.L. Shilling to practical telegraphy that was made in 1828 – 1837 when Shilling developed electromagnetic telegraph providing opportunities for sending letters and digits.

# EUROCON 2009 Opening





# Doug Zuckerman at the Plenary Session



# Shilling's Telegraph Equipment





# IEEE Milestone Plaque

## IEEE MILESTONE IN ELECTRICAL ENGINEERING AND COMPUTING

SHILLING'S PIONEERING CONTRIBUTION TO PRACTICAL TELEGRAPHY, 1828-1837

In this building, Shilling's original electromagnetic telegraph is exhibited. P.L. Shilling, a Russian scientist, successfully transmitted messages over different distances by means of an electric current's effect on a magnetic needle, using two signs and a telegraph dictionary for transferring letters and digits. Shilling's demonstrations in St. Petersburg and abroad provided an impetus to scientists in different countries and influenced the invention of more advanced electromagnetic telegraphs.

May 2009



INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

# Reception in the Communications Museum





# Dresden Street in St.Petersburg



# Plaque at Dresden Street



ЭТА УЛИЦА НАЗВАНА ДРЕЗДЕНСКОЙ  
В ЧЕСТЬ ОДНОГО ИЗ КРУПНЕЙШИХ  
СОЦИАЛИСТИЧЕСКИХ ПРОМЫШЛЕННЫХ  
И КУЛЬТУРНЫХ ЦЕНТРОВ ГЕРМАНСКОЙ  
ДЕМОКРАТИЧЕСКОЙ РЕСПУБЛИКИ С  
КОТОРЫМ ЛЕНИНГРАД СВЯЗЫВАЮТ  
УЗЫ БРАТСКОЙ ДРУЖБЫ  
УСТАНОВЛЕНА В 10 ГОДОВЩИНУ  
ДРУЖЕСТВЕННЫХ СВЯЗЕЙ МЕЖДУ  
ЛЕНИНГРАДОМ И ДРЕЗДЕНОМ  
ОКТАБРЬ 1971 ГОДА



# Gdansk Street in St.Petersburg



# Havre Street in St.Petersburg





# Manchester Street in St.Petersburg



Thank you !