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**APPLICATION
OF INFORMATION
AND COMMUNICATION
TECHNOLOGIES - AICT2016**

10th IEEE International Conference on
**APPLICATION of INFORMATION and
COMMUNICATION TECHNOLOGIES**

(DRAFT & PRELIMINARY)
CONFERENCE PROGRAM

12-14 October 2016, Baku, Azerbaijan
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**SESSION 5.1
COMMUNICATION, NETWORK AND HARDWARE**

Session Co-Chairs:

Time: 14:00–17:30

Hall: E

13:30–14:30 Lunch

15:30–16:00 Coffee Break

1. Optimum Power Allocation for Non-orthogonal Multiple Access (NOMA)

by Talgat Manglayev, Refik Caglar Kizilirmak, Yau Hee Kho, Nazarbayev University, Kazakhstan.

2. Anomaly detection in network traffic using extreme learning machine

by Yadigar Imamverdiyev, Lyudmila Sukhostat, Institute of Information Technology of ANAS, Azerbaijan.

3. The Technology for the Automatic Formation of the Personal Digital Voice Pattern

by R.R. Mussabayev, Ye. N. Amirgaliyev, Institute of Information and Computational Technologies, Kazakhstan; A.T.Tairova, T.R.Mussabayev, K.Ch. Koibagarov, Uniline Group LLP, Kazakhstan.

4. Diagrammatic models processing in designing the complex automated systems

by A.N. Afanasyev, N.N. Voit, Ulyanovsk state technical university, Russia; R.F. Gainullin, Ltd «Ecowid», Russia.

5. Implementing Cycling Training Application for Mobile Devices

by Andrey Bogdanchikov, Rassim Suliyev, Bekzhan Bolatov, Suleyman Demirel University, Kazakhstan.

6. The Usage of the Mobile Ad-Hoc Networks in the Construction Industry

by Igor Konstantinov, Kostiantyn Polshchykov, Sergej Lazarev, Olha Polshchykova, Belgorod State University, Russia.

7. The Effect of the Device Mismatch on Parameters of GaN MMIC phase shifters

by Aleksandr Timoshenko, Egor Belousov, Ksenia Molenkamp, Alexander Bakhtin, National Research University of Electronic Technology (MIET), Russia.