

1. **Name:** Prof. MARAKHIMOV AVAZJON RAHIMOV IHC

**Affiliation:** Doctor of sciences, Professor, Department of Information Technology, Tashkent State Technical University, Uzbekistan.

2. **Educational Background:**

1990-1993 Ph.D in Control systems and Automation of technological processes,  
Tashkent State Technical University, Uzbekistan

1978-1983 Graduated Applied Mathematics (Software engineering), Tashkent State  
Technical University, Uzbekistan

3. **Current Research Area :** Prof. A.R. Marakhimov is an excellent specialist in the research area of intelligent control systems and information technology. His last researches are devoted to the problems of fuzzy modeling, synthesis of fuzzy control systems and Intelligent Transportation Systems. He has more than 70 published research papers and 3 monographs.

4. **Representative publications:**

1. A.R. Marakhimov, I.H. Siddikov, A. Nasridinov, Jeong-Yong Byun. Structural Synthesis of Information Computer Networks of Automated Control Systems Based on Genetic Algorithms. // Computer Science and its Applications, ISBN 978-3-662-45402-2, Volume 330, Berlin 2015, pp. 1055-1063.
2. A. Nasridinov, A. Marakhimov & Y.-H. Park. A design of wireless sensor networks based on fuzzy modeling for comfortable human life // "Asia Live Sciences", The Asian International Journal of Life Sciences. ISSN 0117-3375, July 2015, Philippines, pp. 265-277.
3. Yusupbekov N.R., A.R. Marakhimov A.R. Synthesis of the intelligent traffic control systems in conditions of saturated transport stream. International Journal of International Journal of Chemical Technology, Control and Management Jointly with The Journal of Korea Multimedia Society. Special Issue, South Korea, Seoul, №3-4 2015. pp. 12-18.
4. N.R. Yusupbekov, A.R. Marakhimov, Sh.M. Gulomov, Kh.Z. Igamberdiyev. Evolutionary Modeling Problems in Structural Synthesis of Information Networks of Automated Control Systems. ICTACT Journal of Soft Computing: Special Issue on Soft Computing System Analysis, Decision and Control, July 2014, vol.: 04, issue: 04, Nadu, India, pp. 811-818
5. N.R. Yusupbekov, A.R. Marakhimov, Kh.Z. Igamberdiyev, Sh.M. Gulomov. Fuzzy modeling and integrated evaluation of the acceptability design solutions in the network design problems of automated control systems. // ICAFS-2014, Paris, France. September 2-3, 2014. pp. 119-131.
6. A.R. Marakhimov, Kh.Z. Igamberdiyev, A.N. Yusupbekov, I.H. Siddikov. Fuzzy modeling and intelligent control of the technological processes. Publisher TSTU, Tashkent.-2014. p. 245.
7. Yusupbekov N.R., Marakhimov A.R., Igamberdiyev Kh.Z., Gulyamov Sh.M. Modern theory and practice of construction of information computing systems // Collection of scientific works of VI International conference «Integrated models and soft computing in artificial intellect», May 20-22, Kolomna, Russia -2013, Vol.3, pp. 1218-1226.
8. Marakhimov Avazjon R. Application of Soft-Computing Technologies in Network Design Problems // KAIS International Conference 2011. The Convergence of Culture, Energy and Information Technologies. Dongguk University, Korea. November. 2011, pp. 126-130.

9. A.R.Marahimov, S.S.Rasulov, Sh.H.Umarov, A.Rakhimjonov. Software for intelligent processing of video images and face recognition «FaceCon TRuz» // Patent for software, № DGU 03200, Agency on Intellectual Property of the Republic of Uzbekistan. August, 2015
10. A.R.Marahimov, S.S.Rasulov, Sh.H.Umarov. Software for automatically recognize license plates of vehicles and measuring their speed based on the video images «AutoCon TR.uz» // Patent for software, № DGU 03320, Agency on Intellectual Property of the Republic of Uzbekistan. October, 2015