

Alternatives to Network Selection in Heterogeneous Wireless Environments

Vinícius de Miranda Rios*, Claudio de Castro Monteiro **, Vanice Canuto Cunha***

* Information Systems Department, University of Tocantins, Palmas – TO – Brazil

** Federal Institute of Education, Science and Technology of Tocantins, Computing Science Department, Palmas – TO – Brazil

*** University of Brasilia, Electrical Engineering Department, Brasilia – DF – Brazil

vinicius.mr@unifins.br, ccm.monteiro@acm.org, vanicecunha@gmail.com



Vinícius Rios is assistant professor at the University of Tocantins (UNITINS) in distance education mode and face. He is Graduated in Information Systems from the Lutheran University of Brazil (ULBRA) (2005), specialization in Management and Consulting in Telecommunications from the Brazilian Institute of Postgraduate Studies and Extension (IBPEX) (2006) and Master's degree in Electrical Engineering from the University of Brasilia (UNB) (2012). He has experience in Information Systems with emphasis in Computer Networking, Operating Systems, Wi-Fi Networks, Mobility Management and Artificial Intelligence.



He is a full professor at the Federal Institute of Education, Science and Technology of Tocantins, Computing Science Department, Palmas – TO, ACM member and leader of the Research Group on Networks Computers (GREDES - gredes.ifto.edu.br). He graduated in data processing technology from the University of Amazonia (1990) and Masters in Computer Science from Federal University of Paraíba (1997) and Ph.D. in Electrical Engineering from the University of Brasilia - UNB (2012). Actually, has been developed a framework for reduce the latency of the handover between heterogeneous wireless networks. In addition, a. He has experience in computer science, with emphasis on wireless networks, network protocols, QoS/QoE and operating systems.



Ms. Cunha was born in Brasília, Federal District (Brazil) on august 24, 1984. She became Master degree in Electrical Engineering from the University of Brasilia in 2012. Her research project involved QoV (Quality of Video) and QoS (Quality of Service) in wireless networks of 3rd Generation. Currently she is a female teacher at the Instituto Federal de Brasília.