

LISTA PUBLICAȚII ȘTIINȚIFICE

As.dr.ing. Iustin-Alexandru Ivanciu
E-mail: iustin.ivanciu@com.utcluj.ro

Lista lucrări ISI

1. E. Luchian, A. Taut, I.A. Ivanciu, G. Lazar, V. Dobrota, "Mobile Wireless Sensor Network Gateway: A Raspberry Pi implementation with a VPN backend to OpenStack", Proceedings of the 25th International Conference on Software, Telecommunications and Computer Networks IEEE SOFTCOM 2017, Split, Croatia, September 21-23, 2017, pp. 271-275, Electronic ISBN: 978-953-290-078-1, USB ISBN: 978-953-290-074-3, Electronic ISSN: 1847-358X, DOI: 10.23919/SOFTCOM.2017.8115561
2. R. Carvajal Gomez, E. Luchian, I.A. Ivanciu, A. Taut, V. Dobrota, and E. Riviere, "On the Impact of Indirect WAN Routing on Geo-Replicated Storage", 23rd IEEE International Symposium on Local and Metropolitan Area Networks LANMAN 2017, Osaka, Japan, 12-14 June 2017, pp. 1-6, Electronic ISSN: 1944-0375, DOI: 10.1109/LANMAN.2017.7972171
3. E. Luchian, C. Filip, A.B. Rus, I.A. Ivanciu, and V. Dobrota, "Automation of the Infrastructure and Services for an OpenStack Deployment using Chef Tool", 15th RoEduNet Conference: Networking in Education and Research, University Politehnica Bucharest, September 7-9, 2016, DOI: 10.1109/RoEduNet.2016.7753200
4. F.L. Lupaescu, I.A. Ivanciu, E. Luchian, and V. Dobrota, "A Firewall Application for Performance Evaluation of the Pyretic Controller in Software-Defined Networks", 15th RoEduNet Conference: Networking in Education and Research, University Politehnica Bucharest, September 7-9, 2016, DOI: 10.1109/RoEduNet.2016.7753202
5. I.A. Ivanciu, E. Luchian, E. Riviere, and V. Dobrota, "OpenStack-based Clouds as Holons: A Functional Perspective", 22nd IEEE International Symposium on Local and Metropolitan Area Networks LANMAN 2016, Rome, Italy, June 13-15, 2016, Electronic ISSN: 1944-0375, DOI: 10.1109/LANMAN.2016.7548849
6. M. Padurariu, B. Rosca, I.A. Ivanciu, E. Luchian, A.B. Rus & V. Dobrota, "Automatic Control of an OpenFlow-Based Network Using Lua Scripts and SPLAY", 11th International Conference on Communications COMM 2016, Military Technical Academy, "Politehnica" University of Bucharest, "Electronica 2000" Foundation and IEEE Romania Section, Bucharest, Romania, June 9-11, 2016, pp.299-302, ISBN:978-1-4673-8197-0, DOI: 10.1109/ICComm.2016.7528286
7. A.Comsa, I.A.Ivanciu, E.Luchian, V.Dobrota, & K.Steenhaut, "End-to-End Delay Minimization in an Application-Aware Routing for Wireless Sensor Networks", 14th RoEduNet Conference: Networking in Education and Research NER'2015, Agency ARNIEC/RoEduNet and University of Craiova, Craiova, Romania, September 24-26, 2015, pp.80-84, Print ISBN: 978-1-4673-8179-6, DOI: 10.1109/RoEduNet.2015.731183, DOI: 10.1109/RoEduNet.2015.7311832
8. I.A. Ivanciu, A.B. Rus, V. Dobrota, and J. Domingo-Pascual, "Active Measurement of the Available Transfer Rate Used in an Algorithm for Generalized Assignment Problem", Proceedings of the 11th International Symposium on Electronics and Telecommunications ISETC 2014, Timisoara, Romania, November 13-14, 2014, Print ISBN: 978-1-4799-7265-4, pp.147-150
9. A.C.Hosu, Z.I.Kiss, I.A.Ivanciu, Zs.A.Polgar, A.Consoli, M.Egido, "Ubiquitous Connectivity Platform for Intelligent Public Transportation Systems", 10th ITS European Congress, June 16-19, 2014, Helsinki, Finland, WOS:000359811000003, ISSN: 1751-956X
10. I.A. Ivanciu, A.C. Hosu, Z.A. Polgar, and V. Dobrota, "Capacity and Available Transfer Rate Evaluation for Wireless Links", 10th International Conference on Communications COMM 2014, Military Technical Academy, "Politehnica" University of Bucharest, "Electronica 2000" Foundation and IEEE Romania Section, Bucharest, Romania, May 29-31, 2014, pp.1-4, DOI:10.1109/ICComm.2014.6866693
11. F. Stoicuta, I.A. Ivanciu, E. Minzat, A.B. Rus, and V. Dobrota, "An OpenNetInf-Based Cloud Computing Solution for Cross-Layer QoS: Monitoring Part Using iOS Terminals", Proceedings of the 10th International Symposium on Electronics and Telecommunications ISETC 2012, Timisoara, Romania, November 15-16, 2012, Print ISBN: 978-1-4673-1177-9, DOI: 10.1109/ISETC.2012.6408102, pp.167-170
12. I.A. Ivanciu, F. Stoicuta, M. Anghel, A.B. Rus, and V. Dobrota, "Enhancement of Information Object Management Tool about Audio-Video/ Network Status/ QoS Content in OpenNetInf", 35th International Conference on Telecommunications and Signal Processing TSP 2012, July 3-4, 2012, Prague, Czech Republic, ISBN: 978-1-4673-1116-8, Print ISBN: 978-1-4673-1117-5, pp.111-115

Lista lucrări BDI

1. C.M. Gheorghe, C.M. Iurian, E. Luchian, I.A. Ivanciu, and V. Dobrota, "Applications of the Cisco APIC-EM Software-Defined Networking Controller for a Virtualized Testbed", Proceedings of the 16th RoEduNet Conference: Networking in Education and Research, "Petru Maior" University of Targu-Mures, Romania, September 21-23, 2017, pp. 18-23, Electronic ISBN: 978-1-5386-3411-0, Print ISBN: 978-1-5386-3410-3, Electronic ISSN: 2247-5443, DOI: 10.1109/ROEDUNET.2017.8123731

2. A. Taut, I.A. Ivanciu, E. Luchian, and V. Dobrota, "Active Measurement of the Latency in Cloud-Based Networks", ACTA TECHNICA NAPOCENSIS, Electronics and Telecommunications, ISSN 1221-6542, Vol.58, No.1, 2017, pp.22-30
3. E. Luchian, I.A.Ivanciu, A.B.Rus, G. Lazar & V.Dobrota, "Migration of an SDN-Based Testbed into a Private Cloud: An OpenStack Approach", ACTA TECHNICA NAPOCENSIS, Electronics and Telecommunications, ISSN 1221-6542, Vol.57, No.1, 2016, pp. 1-10
4. I.A. Ivanciu, A.B. Rus, V. Dobrota, "A Tunnel-Based Solution for Seamless Vertical Handover and Load Balancing", ACTA TECHNICA NAPOCENSIS, Electronics and Telecommunications, ISSN 1221-6542, Vol.55, No.3, 2014, pp.20-26

Lista contracte

1. Membru in CHIST-ERA „DIONASYS - Declarative and Interoperable Overlay Networks, Applications to Systems of Systems”, 2015-2018
2. Membru in „URBIVEL - Tehnologii avansate pentru vehicule electrice urbane inteligente”, ID P_40_333, 2016-2018
3. Membru in FP7-SME-2012-1/315161 "UCONNECT – Implementation of Ubiquitous Connectivity for Public Transport", 2012-2014

Lista rapoarte de cercetare

1. I.A. Ivanciu, A. Taut, E. Luchian, and V. Dobrota, "Active Measurements of the One-Way Delay in Cloud-Based Networks", Technical Report, CHIST-ERA DIONASYS "Declarative and Interoperable Overlay Networks, Applications to Systems of Systems", Version 1.0, 29 September 2016, 18 pages
2. I.A. Ivanciu, E. Luchian, and V. Dobrota, "Implementing Security in the CHIST-ERA "DIONASYS" Testbed", „CHIST-ERA DIONASYS "Declarative and Interoperable Overlay Networks, Applications to Systems of Systems", Version 1.0, 8 May 2016, 8 pages
3. A.B. Rus, I.A. Ivanciu, and V. Dobrota, "Automatic Control of an OpenFlow-Based Network Using Lua and SPLAY", „CHIST-ERA DIONASYS "Declarative and Interoperable Overlay Networks, Applications to Systems of Systems", Version 1.0, 12 July 2015, 17 pages
4. Z.A. Polgar (editor), Z.I. Kiss, A.C. Hosu, A.B. Rus, G. Lazar, V. Dobrota, I.A. Ivanciu (included in list of contributors) et al., WP3: Ubiquitous Connectivity System Development, D3.1: Ubiquitous Connectivity Provisioning Platform Architecture and Methodologies for Algorithm Integration and Testing, FP7-SME-2012-1 No.315161 "UCONNECT – Implementation of Ubiquitous Connectivity for Public Transport", 31 May 2013, Version: 3.4, 101 pages

Teza de doctorat

1. Iustin-Alexandru Ivanciu, "Active Measurements for Routing in Cloud-Based Networks", Technical University of Cluj-Napoca, Romania, 10 December 2016, confirmat prin OMEN 3769/20.04.2017

Data: 05.01.2018

As.dr.ing. Iustin-Alexandru Ivanciu