

Dragoș Ștefan Niculescu – publicații, contracte, brevete

Publicații

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- C. Raiciu, D. Niculescu, M. Bagnulo, M Handley, "Opportunistic Mobility with Multipath TCP", in ACM MobiArch 2011, pp 7-12, ISBN: 978-1-4503-0740-6
- D. Niculescu, S. Bhatnagar, S. Ganguly, Channel Assignment for Wireless Meshes with Tree Topology, COMM 2010, pp 383-386, ISBN -4244-6360-2
- D. Niculescu, "Finding MIMO", IEEE ISWPC 2010, May 2010 Modena, Italy, ISBN 978-1-4244-6855-3 , pp. 267-272
- D. Niculescu and K. Kim “Voice Adaptive Gateway Pacer for Wireless Multi-hop Networks”, WICON, martie 2010, pp. 1-9, INSPEC 11261918
- Dragoș , Niculescu, “Interference Map for 802.11 Networks”, ACM IMC 2007, San Diego 2007, pp 339–350. ISBN:978-1-59593-908-1.
- Dragoș , Niculescu, Samrat Ganguly, Kyungtae Kim si Rauf Izmailov, "Performance of VoIP in an 802.11-based Wireless Mesh Network", IEEE INFOCOM, 006, pp 1 - 11, ISSN : 0743-166X
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- Dragos , Niculescu, "Services for Dense Networks", editura VDM Verlag, ISBN-13: 978-363920439, martie 2010
- Dragos , Niculescu si Badri Nath, "Routing on a Curve", capitol in "Wireless Sensor Networks", editat de Znati, Sivalingam, Raghavendra, editura Kluwer Academic Publishers, 2004, pp 129-151 ISBN: 1-4020-7883-8

Proiecte de cercetare

Ani	Acronim	Rol	Titlu	Program
2009-2011	RP4-2008	director	Algorithmic Methods for Interference Mitigation in 802.11 Networks	PN II
2008-2012	SMART-NET	consultant	SMART-antenna multimode wireless mesh Network	FP7
2010-2013	ALICANTE	consultant	Media Ecosystem Deployment Through Ubiquitous Content-Aware Network Environments	FP7
2011-2014	TRILOGY2	consultant	Building the Liquid Net	FP7
2012-2015	MOBIL4	consultant	ENABLING MOBILITY WITH MULTIPATH TCP	PNII
2015-2017	SUPER - FLUIDITY	consultant	Superfluidity: a super-fluid, cloud-native, converged edge system	H2020
2017-2018	4.5G	director	4.5G service based on MPTCP	PN III

Brevete

- USPTO Application#: 2007/0201,440 Improved voice-over-internet-protocol method
- USPTO Application#: 2008/0239,980 Linear time interference map for 802.11 networks
- USPTO Application#: 2009/0096,686 Autonomous Mobile Wireless Antenna Systems
- USPTO Application#: 2009/0141,631 Voice Adaptive Gateway Pacing Methods and Systems for Wireless Multi-Hop Networks
- USPTO Application# 2010/0158,919 System and Method for Utilizing Spectrum Operation Modes in Dynamic Spectrum Access Systems
- OSIM “Metodă și sistem pentru utilizarea partajată a conexiunilor de date radio într-un sistem celular”, 2014