

Science

This page contains team scientific works and publications

2013

- [Paper] K. Krinkin, K.Yudenok Geo-coding in Smart Environment: Integration Principles of Smart-M3 and Geo2Tag *Internet of Things, Smart Spaces, and Next Generation Networking Lecture Notes in Computer Science Volume 8121, 2013, pp 107-116* * [Paper] Заславский М.М., Кринкин К.В., Рябиков Э.М., Черкалова В.В., Цамутали А.Б. *Инструментарий надежного хранения данных* Научно-технические ведомости СПбГПУ 3' (174) 2013 Информатика. Телекоммуникации. Управление, Изд Политехнического Уни-та. Санкт-Петербург 2013. С. 134 - 138
- [Paper] T.N. Nagabhushan, S.P. Shiva Prakash, K. Krinkin Minimum Battery Draining Rate Aware Optimized Link State Routing in Wireless Mesh Network *Proceeding of the 13th Conference of Open Innovations Association FRUCT and Regional Seminar on e-Tourism - Pertozaodsk, Russia, 22-26 April 2013. Pp 111-120* * [Paper] Юденюк К.Г., Кринкин К.В. *Разработка модели безопасности в распределенных сервисных средах (интеллектуальных пространствах)* Известия ЛЭТИ. Сер. "Информатика, управление и компьютерные технологии", Вып. 2, ISSN 2071-8985 Санкт-Петербург. - 2013. С. 15-21

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- [paper] K.Krinkin, E.Kalishenko, S.P.Shiva Prakash Process Mining Approach for Traffic Analysis in Wireless Mesh Networks / *Internet of Things, Smart Spaces and Next Generation Networking. Lecture Notes in Computer Science, 2012, Volume 7469/2012, 260-269*
- [paper] Y. Korolev, D. Korzun and I. Galov Smart Space Applications Integration: A Mediation Formalism and Design for Smart-M3 / *Internet of Things, Smart Spaces and Next Generation Networking. Lecture Notes in Computer Science, 2012, Volume 7469/2012, 128-139*
- [Proceedings] V. Romanikhin, M. Zaslavsky Spatial Filters For Geo2tag LBS Platform / *The 11th Conference of Open Innovations Association FRUCT. Saint-Petersburg, Russia 23-27 April 2012*
- [Proceedings] E. Kalishenko, K. Krinkin Traffic Prediction in Wireless Mesh Networks Using Process Mining Algorithms / *The 11th Conference of Open Innovations Association FRUCT. Saint-Petersburg, Russia 23-27 April 2012*
- [Proceedings] T.N. Nagabhushan, S.P. Shiva Prakash, K.Krinkin Routing Algorithms in Wireless Mesh Networks: a Survey / *The 11th Conference of Open Innovations Association FRUCT. Saint-Petersburg, Russia 23-27 April 2012*
- [Abstract, Demo] I. Bezyazuchnyy, K.Krinkin Geo2tag client: Doctor Search / *The 11th Conference of Open Innovations Association FRUCT. Saint-Petersburg, Russia 23-27 April 2012*
- K. Yudenok, K. Krinkin, E. Dashkova, Y. Koucheryavy, S. Balandin "Porting Smart-M3 Platform to MeeGo Operation System", *2nd Baltic Conference on Future Internet Communications, Vilnius, Lithuania, April 2012.*
- N.Amelichev Implementing Automatic Handover for Linux Based Mobile Devices / *The 11th Conference of Open Innovations Association FRUCT. Saint-Petersburg, Russia 23-27 April 2012*
- E. Dashkova, R.Dorohova SmartDiet Personal Wellbeing Assistant and Diet Planner Mobile Service / *The 11th Conference of Open Innovations Association FRUCT. Saint-Petersburg, Russia 23-27 April 2012*
- Y. Korolev, K. Yudenok Mediator Based Approach for Smart Spaces Intergation / *The 11th*

Conference of Open Innovations Association FRUCT. Saint-Petersburg, Russia 23-27 April 2012

- R. Dorohova, S. Kassaye ThereAndHere Project / The 11th Conference of Open Innovations Association FRUCT. Saint-Petersburg, Russia 23-27 April 2012
- K. Yudenok Smart-M3 Security Model / The 11th Conference of Open Innovations Association FRUCT. Saint-Petersburg, Russia 23-27 April 2012

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- [Proceedings] N.Amelichev, K. Krinkin, S.P. Shiva Prakash, TN Nagabhushan Signal Strength-based Approach for 3G/WLAN Handover on Nokia N900 Devices *The 10th Conference of Open Innovations Association FRUCT. Tampere, Finland 7-11 November 2011* * [Proceedings] R. Dorokhova, S. Agarwal Health Monitoring Network Project - Design an First Steps of Implementation *The 10th Conference of Open Innovations Association FRUCT. Tampere, Finland 7-11 November 2011*
- [Proceedings] K. Yudenok Porting Smart-M3 Platform to MeeGo Operation System *The 10th Conference of Open Innovations Association FRUCT. Tampere, Finland 7-11 November 2011* * [paper] N. Amelichev, M. Krinkin, K. Krinkin, "Seamless WLAN Off-load of 3G Networks", *Proceedings of IEEE Russia North-West Section, 2011, Vol. 1.* * [Proceedings] I. Bezyazychnyy, M. Krinkin, D. Yuranov, P. Zubarev, A. Vereshchagin, K. Krinkin *IEEE 802.11s Power Save Modes Support Implementation for Linux 2nd Finish-Russian Mobile Linux Summit. Oulu, Finland 4-5 October 2011*
- [paper] A.C. Рытенков, Ю.А. Королев, М.С. Гаврилова, К.В.Кринкин "Алгоритмы коррекции опечаток и проверки корректности тестовых сценариев" *Известия СПбГЭТУ "ЛЭТИ", Издательство СПбГЭТУ "ЛЭТИ" 2011 (8), стр. 41-46* * [paper] N. Amelichev, M. Krinkin, K. Krinkin, *Behavior of network applications during seamless 3G/WLAN handover Smart Spaces and Next Generation Wired/Wireless Networking. Lecture Notes in Computer Science, Springer, 2011, Volume 6869/2011*
- [paper] D. Korzun, I. Galov, A. Kashevnik, N. Shilov, K. Krinkin and Y. Korolev Integration of Smart-M3 Applications: Blogging in Smart Conference *Smart Spaces and Next Generation Wired/Wireless Networking. Lecture Notes in Computer Science, Springer, 2011, Volume 6869/2011* * [Demo] M. Zaslavsky *Mobile Public Transport Monitoring System (geo2tag) 1-я Российская конференция MeeGo. Москва 9-11 марта 2011*
- [Proceedings] D. Korzun, I. Galov, A. Kashevnik, N. Shilov, K. Krinkin, Y. Korolev Blogging in Smart-Conference System *9th Conference of Open Innovations Framework Program FRUCT. Petrozavodsk 25-29 April 2011.* * [Proceedings] S. Marchenko *SVG Player Project 9th Conference of Open Innovations Framework Program FRUCT. Petrozavodsk 25-29 April 2011.*
- [Demo] Y. Korolev KP-Based Integration of Smart-Conference system and Blogging Service *9th Conference of Open Innovations Framework Program FRUCT. Petrozavodsk 25-29 April 2011.* * [Demo] M. Zaslavsky *Location Based Platform for Public Transport Monitoring System 9th Conference of Open Innovations Framework Program FRUCT. Petrozavodsk 25-29 April 2011.*

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- [Proceedings] M. Zaslavsky, P.Zubarev, K. Krinkin Test driven approach for porting software to mobile platforms *8th Conference of Open Innovations Framework Program FRUCT. Lappeenranta, Finland 9-12 November 2010* * [Proceedings] N. Amelichev, K. Krinkin *Simulation of 3G/WLAN Offload: first steps 8th Conference of Open Innovations Framework Program FRUCT. Lappeenranta, Finland 9-12 November 2010*

- [paper] Калишенко Е.Л., Королёв Ю.А., Крестелёв Д.В., Филиппов М.Ф.
“Автоматизированная система сборки и тестирования проектов для различных программно-аппаратных платформ” *Известия СПбГЭТУ “ЛЭТИ” ISSN 2071-8985, Издательство СПбГЭТУ “ЛЭТИ” 2010, стр. 45* * [paper] Кринкин К.В., Шевцов М.Н., “Применение трансляции сетевых адресов для управления соединениями” *Известия СПбГЭТУ “ЛЭТИ”, Издательство СПбГЭТУ “ЛЭТИ” 2010 (5), стр. 31-35*
- [paper] Калишенко, Кринкин. Подходы к прогнозированию трафика в беспроводных mesh-сетях *Прикладная информатика №6 (30) 2010 с. 114-124* * [Proceedings] R. Dorokhova N. Amelichev *Comparison of Modern Mobile Platforms from the Developer Standpoint 8th Conference of Open Innovations Framework Program FRUCT. Lappeenranta, Finland 9-12 November 2010*
- [Proceedings] E. Kaina and Y. Korolev SOA-oriented approach and full distributed approach comparison *8th Conference of Open Innovations Framework Program FRUCT. Lappeenranta, Finland 9-12 November 2010* * [Proceedings, Demo] I. Bezyazychnyy, K. Krinkin, M. Zaslavskiy, S. Balandin, Y. Koucheryavy *Geo2Tag Implementation for MAEMO 7th Conference of Open Innovations Framework Program FRUCT. Saint-Petersburg, Russia 26-30 April 2010*
- [Proceedings] D. Yuranov, A. Rudakova Power aware metrics for HWMP in IEEE 802.11s *7th Conference of Open Innovations Framework Program FRUCT. Saint-Petersburg, Russia 26-30 April 2010* * [Abstract] P. Zubarev, K. Krinkin, N. Amelichev, D. Kretelev *PMIPv6-Based 3GPP/WLAN Internetworking MAEMO Support Challenges 7th Conference of Open Innovations Framework Program FRUCT. Saint-Petersburg, Russia 26-30 April 2010*
- [Abstract] P. Zubarev, K. Krinkin QtMobility -Qt API Extensions for Mobile Development *7th Conference of Open Innovations Framework Program FRUCT. Saint-Petersburg, Russia 26-30 April 2010* * [Abstract, Demo] N. Teslya, D. Savelyev, M. Krinkin *Operational Time Predictor Implementation on Symbian Platform 7th Conference of Open Innovations Framework Program FRUCT. Saint-Petersburg, Russia 26-30 April 2010*
- [<a href=“<http://osll.spb.ru/documents/show/51>”>Study report] K. Yudenok OCEAN in NS-2 performance investigation (RUS) OSLL, 2010 * [Proceedings, Demo] Y. Koucheryavy, S. Balandin, K. Krinkin “MAEMO-based Scalable Platform for Construction of User-driven Social Location Based Services”, demo at IEEE CCNC 2010, January 9-12, 2010, Las Vegas, USA. === 2009 === * [paper] Калишенко Е.Л., Кринкин К.В. Система топологического моделирования структуры белковых молекул *Прикладная информатика №6 (30) 2009 с. 111-117*
- [Proceedings] V.M. Kononova, K.V. Krinkin The approach to predict Operational Time for Symbian Mobile devices / *Proceedings of 6th seminar Finnish-Russian University Cooperation in Telecommunications (FRUCT) Program, Helsinki, Finland 3-6 November 2009, pp 40-44. SUAI University publisher house.* * [Students' course] Krinkin K.V “GUI development with Qt”, <a href=“<http://logic.pdmi.ras.ru/~aptu/?q=courses/ui>”>APTU 2009. * [Students' course] Kalishenko E, Krinkin K. “Operating system fundamentals. Parallel and high performance computing”, <a href=“<http://logic.pdmi.ras.ru/~aptu/?q=courses/parallel>”>APTU 2009/2010. * [Proceedings, Demo] Rudakova A, Mesh network implementation between Nokia Internet Tablet and OLPC/XO devices (live demo) - 5th FRUCT seminar, 2009 April 30, Saint-Petersburg === 2008 === * Rudakova A., Open source implementation of ZigBee, 4th FRUCT seminar, 2008 October 29, Tampere, Finland * Rudakova A., OLPC Mesh Networking. Approach to a problem of mesh-connectivity between XO laptops and Nokia MAEMO devices. 3rd FRUCT seminar, 2008 May 23, Saint-Peterburgd

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