

## Science

This page contains team scientific works and publications

### 2012

- [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* === 2011 === \* [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*

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- [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. === 2010 === \* [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
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- [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. Kouchervy 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 812.11s 7th Conference of Open Innovations Framework Program FRUCT. Saint-Petersburg, Russia 26-30 April 2010
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- [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</a>.
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- 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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