

PERSONAL INFORMATION

Sergey Balandin



 20B, Kissankellontie, Helsinki, 00930, Finland

 +358-50-483-9495

 Sergey.Balandin@fruct.org, Sergey.Balandin@tuni.fi

 <http://social.fruct.org/balandin/>

 Skype: sergeybalandin77

 Full CV with list of publications: https://www.fruct.org/sites/default/files/files/CV_SIB.pdf

Sex Male | Date of birth 10/05/1977 | Nationality Finnish, Russian

- POSITION President of FRUCT Oy and Open Innovations Association FRUCT
- POSITION Adjunct Professor of Tampere University of Technology
- POSITION ARCES member, University of Bologna

WORK EXPERIENCE

December 2010 - Present

President

FRUCT Oy, Helsinki, Finland.

- Manage FRUCT companies and FRUCT Association. Run R&D activities in the fields of Smart Tourism, Location Based Services, Smart Spaces, IoT, and Healthcare smart systems

November 2010 - Present

Adjunct Professor

Tampere University of Technology, Tampere, Finland.

- Run research in the field of IoT, providing course and coaching of students, coordinating students' exchange program FIRST (universities of Russia and Tampere University of Technology)

June 1999 - February 2011

Principal Scientist

NOKIA corporation, Nokia Research Center, Helsinki Lab, Finland.

- Responsible for development of protocol stack for Smart Spaces and IoT technologies, active contribution to Nokia IPR portfolio and visibility, support and consulting of the business units
- Responsible for development of protocols for embedded networks on mobile devices, Nokia representative in MIPI UniPro standardization group, development of Nokia IPR portfolio and visibility, support and consulting of the corresponding business units
- Responsible for development of protocol stacks and efficient resource management in 3G access networks, development of Nokia IPR portfolio and visibility, support and consulting of the business units

April 2007 - February 2011

Head of Nokia and Nokia Siemens Networks R&D program in Russia and CIS

NOKIA corporation, Finland / Russia.

- Responsible for development of Nokia-friendly ecosystem in Russia, support launch of new products and solutions, managing relations with R&D and academic partners and setting up local R&D center of Nokia in Russia

EDUCATION AND TRAINING

August 2009 - October 2012

Master of Business Administration (MBA)

Haaga-Helia University of Applied Sciences, Helsinki, Finland

- Standard list of all study disciplines of MBA program
- Main subject of diploma: Development of Open Innovations Association FRUCT (obtained a distinction as the best diploma of 2012 plus special recognition - graduation scholarship award)

June 2000 - June 2003

Doctor of Science in Telecommunications and Computer Science (PhD)

Joint degree of Saint-Petersburg State Electrotechnical University "LETI", St-Petersburg, Russia and PhD School of Nokia Research Center, Helsinki, Finland

- Main subject of dissertation: Distributed control over resources for increasing IP networks performance

January 1999 - December 2000

Master of Science in Telecommunications (MSc)

Lappeenranta University of Technologies, Lappeenranta, Finland

- Information Technology and Telecommunications

September 1994 - February 2000

Master of Science in Computer Science (MSc)

Saint-Petersburg State Electrotechnical University "LETI", St-Petersburg, Russia

- Computer Science and Engineering, information processing and management (obtained a distinction, top graduate of the department)

PERSONAL SKILLS

Mother tongue(s) Russian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	B2
20+ years of work and teaching experience					
Finnish	A2	A2	A2	A1	A2
Finnish Language State Certificate					
Spanish	A2	A2	A1	A1	A2
Graduation certificate of Spanish school №67					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

Communication skills

- good communication skills gained through my experience as FRUCT community manager
- professional communications skills gained in 3 years of experience as Nokia representative in MIPI standardization
- 11 years in Nokia Research Center: 7 multi-national projects; for 1 year acted as Technical Director of Russia (responsible for external technical communication);
- Communication skills gained in organization and chairing of over 50 large international conferences

Organisational / managerial skills

- entrepreneur skills (founder of 4 successful companies operating in EU and Russia);
- leadership (founder of Open Innovations Association FRUCT and currently leading the association of more than 100 contributors + community of over 5000 active followers);
- as a head of Nokia R&D in Russia lead development on Nokia's R&D network in Russia and CIS
- as a head of FRUCT business incubator evaluate new teams and help developing businesses
- R&D manager experience (7 years of line management experience for groups of over 20 persons).

Job-related skills

- strong up-to-date competences in Smart Spaces, Internet of Things and Smart Systems;
- strong competences for the field of embedded systems, embedded networks for mobile devices;
- experience of development innovative businesses in mobile-healthcare, LBS, mobile services;
- strong telecom background – developed protocol stacks for almost 10 various types of systems;
- strong IT background – developed protocol stacks for almost 10 various types of systems;
- published over 100 papers, including 95 in Scopus, H=11 (Scopus ID 7003703604);
- author or editor of 42 proceedings and books;
- author of 28 international patents.

- Computer skills** ▪ expert in computer systems. Have 20 years of industrial software development experience. Have practical work experience with all main OS.
- Other skills** ▪ Gliding flight licence
- Driving licence** ▪ B

ADDITIONAL INFORMATION

- Projects**
- Geo2Tag: world leader open source location based services platform (2007 – Present)
 - South-East Finland-Russia CBC 2014-2020, KS1305: BizCycle project (2018 – Present)
 - Open Innovations Association FRUCT (2007 – Present)
 - MDDCloud: smart health monitoring and preventive diagnostics (2013 - Present)
 - Established group of start-ups (FRUCT Group) for perspective R&D projects (2011 – Present)
 - Karelia ENPI CBC 2007-2013: KA-322 “Development of cross-border e-tourism framework (Smart e-Tourism)” (2012 - 2015)
 - Karelia ENPI CBC 2007-2013: KA-432 “Journey planner service for disabled people (Social Navigator)” (2013 – 2015)
 - DIGILE Internet of Things SHOK TEKES program (2012 – 2016)
 - MAMMOTH project (2011)
 - Karelia ENPI CBC 2007-2013: KA-179 “Development of regional cooperation in the field of open ICT innovations” (2011 – 2015)
 - Development of Nokia R&D presence in Skolkovo innovation zone (2010 – 2011)
 - SlipStream Multi-platform services (2009 – 2011)
 - Development R&D presence of Nokia and Nokia Siemens Network in Russia (2005 – 2011)
 - Smart-M3 Open Source Smart Spaces (2009 – 2011)
 - Network on Terminal Architecture NoTA (2009 – 2010)
 - MIPI UniPro technology standardization (2005 – 2008)
 - DISplay, Camera and Options bus for mobile devices “Discobus” (2003 – 2006)
 - Routing Scalability, Stability and Performance: RSSP and SPIN projects (1999-2003)
 - Visual Quality Control System: objects recognition on 2D-image (ViQCoS) (1999)
 - Business management system SIGMA+ (1996 – 1998)
 - Development of kernel for proprietary system with parallel data processing (1995 – 1996)

- Honours and awards**
- Visiting Professor at ITMO University selected under 5 out of 100 program (2015-2016)
 - Visiting Professor Scholarship Award by Nokia Foundation (2013)
 - Winner of Skolkovo M.D. contest and grant for mobile diagnostics device development (2012)
 - Visiting Professor Scholarship Award by Nokia Foundation (2012)
 - Winner of the Russian Mobile VAS Award in Mobile Services category (2012)
 - Winner of award best Research, Scientific and Pedagogical Personnel of Innovative Russia (2012)
 - Winner of the Russian Mobile VAS Award in Innovative Business Model category (2011)
 - Best Talk Award of the Congress on Intellectual System and Information Technologies (2011)
 - Winner of the Russian Mobile VAS Award in Innovative Technology category (2010)
 - Winner of the Russian Mobile VAS Award in Mobile Games category (2010)
 - Winner of Nokia Research Center Breakthrough Award for Smart-M3 program (2010)
 - IEEE Special Recognition Award for organization of CCNC 2010 Conference (2010)
 - Winner of the Russian Mobile VAS Award in Innovative Technology category (2009)
 - Winner of Nokia Research Center Breakthrough Award for B-MIPI (UniPro) project (2009)
 - Nokia Recognition Award for Network on Terminal Architecture (NoTA) program (2009)
 - Nokia's Graduation Award: PhD level by Nokia Research Center PhD School (2003)
 - Nokia's Graduation Award: MSc level by Nokia Research Center MSc School (2001)
 - Winner of EU Grant for IMPIPT MSc. program of Lappeenranta University of Technology (1998)

- Membership**
- Expert of European Capital of Smart Tourism jury
 - Expert of Polish National Agency for Academic Exchange (NAWA)
 - Expert of EURIPIDES², ID 112
 - Expert of European Commission, EX2019D355795
 - Expert of National State Scientific Center of Kazakhstan Republic
 - Expert of Russian Academy of Science, ID 2016-01-4039-5734
 - Expert of Skolkovo IT and BioMed clusters (evaluated over 400 projects/companies)
 - Editor-in-Chief of International Journal of Embedded and Real-Time Communication Systems
 - IARIA Fellow