

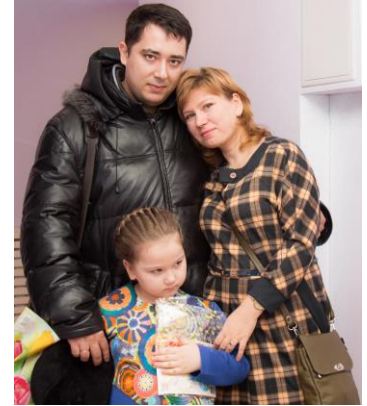
Chickrin Dmitry, Ph.D., Prof., Laureate of National Zavoisky Physical Award

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SENIOR IT PROJECT MANAGER, SYSTEMS ARCHITECT, IT AND TELECOMM EXPERT

SOFTWARE / HARDWARE DEVELOPMENT ■ SCIENTIFIC RESEARCHES ■ SYSTEMS ENGINEERING

- **Experienced project manager, engineer and scientist offering 15 years of success leading all phases of diverse technology projects;** Head of Cyberphysics Dept. of Kazan Federal University, Prof.; M.Sc., M.Art. and Ph.D. credentials; 15-years complex system engineering and 18 years of computer programming; 15-years of teaching mastery in the fields of expertise. Laureate of National Zavoisky Physical Award.
- **Business strategist;** plan and manage million-dollar projects (up to 5 million USD per project) aligning business goals with state-of-the art technology solutions to drive process improvements and competitive advantage.
- **Excellent communicator;** leverage technical, business and financial acumen to communicate effectively with client executives and their respective teams.
- **Expert in agile and waterfall project management methodologies.** Able to manage medium-to-large project teams (up to 100 men) and known for high-quality deliverables that meet or exceed timeline and budget targets.



Skills Summary

Project Management: Systems Engineering Waterfall/Agile Enterprisewide and Governmentwide Implementations	Research Activities: - RTLS, SLAM, Inertial and Satellite Navigation Systems - Big Data, Data Mining - ADAS systems and vehicles automation - Wireless and Sensor Networking - Antennas and Antenna Arrays, Radiolocation - Sound and Speech Analysis - Digital Signal Processing and Stochastic Analysis	IT Project Lifecycle: Requirements Analysis Tech Writing Project Scheduling Testing/QA/Rollout/Support	Value-Added Leadership: Cross-Functional Supervision Team Building & Mentoring Business & IT Planning Vendor Management Fluent Russian/English
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Career Progression

R&D Center "Integral Plus" (Kazan), **WIRELESS SYSTEMS ENGINEER**, 2006.
R&D Center "RadioElectronix" n.a. Shimko (Kazan), **SENIOR SYSTEM ENGINEER**, 2006 to 2008
R&D Center "Navigation Technologies" (Kazan), **CTO**, 2008-2014
Kazan State Technical University n.a. Tupolev (Kazan), **ASSISTANT**, 2008-2012
Kazan Federal University, ITIS Higher Institute, **SENIOR LECTURER IN TELECOMM. PROFILE**, 2012-2013
Kazan Federal University, ITIS Higher Institute (Kazan), **ASS. PROF., HEAD OF ROBOTICS DEPT.**, 2013 to 2014
8-th WorldWide Cisco Innovation Center (Kazan), **CO-FOUNDER AND THE HEAD OF STAFF**, 2014
Kazan Federal University, ITIS Higher Institute, **DEPUTY HEAD OF INSTITUTE IN SCIENCE ACTIVITIES**, 2015
Kazan Federal University, Institute of Physics, Division of Radiophysics and Information Systems, Radiophysics Department, **ASS. PROF., DEPUTY HEAD OF DIVISION IN BUSINESS ACTIVITIES**, 2016 TILL NOW
KAMAZ R&D Center, **DEPUTY HEAD OF STAFF IN VEHICLES AUTOMATION**, 2016 TILL NOW
KAMAZ-KFU R&D CENTER, **HEAD OF STAFF**, 2018 TILL NOW
R-VISIONEER FOUNDER, startup company in the field of machine vision infrastructure projects, 2016 TILL NOW.
Head of KFU Cyberphysics Dept., 2019 TILL NOW.

Representative Projects (2008 to 2019)

Government-wide projects (all project were performed successfully without deadline shifting):

1. Contract from KAMAZ PTZ on ADAS 4+ level system for truck vehicles, haul-dump trucks and intellectual infrastructure automation: "Golem".
2. Government Contract on complex R&D 13.07.2009 #157-2009/54: «Design of complex software platform for Russian-wide dedicated control and monitoring of critically dangerous and important cargo and all classified infrastructure objects movements» - federal wide GIS-oriented complex infrastructure software system.
3. Government Contract on complex R&D 12.04.2013 #45-2013: «Design of complex software platform for Russian-wide monitoring and control of all types of special teams, compliant infrastructure objects and administration personnel» - federal wide GIS-oriented complex infrastructure software system.
4. Government Contract on custom engineering and further supplying 15.10.2013 № 0173100012513000718-0008205-02 (engineering and manufacturing equipment for more than 5 million USD in period of 4 months): «Irbis-D – wearable complex of telescopic hybrid videosurveillance system for task forces».
5. Government Contract on custom engineering and further supplying 15.10.2013 № 0173100012513000718-0008205-03 (engineering and manufacturing equipment for more than 2 million USD in period of 4 months): «Irbis-K – special rugged command-and-control workstation and software framework for monitoring and control of tactical operations».

Major scientific-based projects (all project were performed successfully with full KPI):

All substitute scientific projects were funded by 5Top-100 Federal program:

1. OpenLab "Andromeda" - SDI virtualization complex software framework – 7 KFU members, in collaboration with Russian Academy of Sciences.
2. OpenLab "Crown": Fractal antennas and antenna arrays – 10 KFU members, in collaboration with Cisco Systems.
3. OpenLab "Rainbow": Image fusion and multispectral imaging – 12 KFU members, classified, in collaboration with Russian Ministry of Defense.
4. OpenLab "Flywheel": High-density kinematic energy storage – 7 KFU members, KFU-only.
5. OpenLab "Ariadna": Navigation systems for autonomous platforms – 8 KFU members, in collaboration with Russian Academy of Sciences and Royal Imperial College.
6. Project "Murometz": Bipedal locomotion on complex terrains – 12 members, KFU-only.
7. Project "Altius-FA": Fractal antennas and antenna arrays for modern UAV, 10 members, KFU-only.
8. Project "Butterfly": Perimeter breach detection MEMS-accelerometer based system, 12 members, KFU-only.
9. Project "Odyssey" – ADAS 4+ level system for truck vehicle automation, 70+ members.
10. Project "Samson" – ADAS 4+ level system for haul-dump truck (mining) automation, 40+ members.
11. Project «Satellite» - Onboard multimedia and online-diagnosis system for nowadays KAMAZ trucks.
12. Project «Frontier» - Research&Development of the next generation KAMAZ trucks universal vehicle architecture.

Key features

Key features as PM

- Creation and led of balanced teams across different broad technical, scientific and business disciplines. Focused teams on business objectives and tracked progress to ensure project milestones were completed on time, on budget and with the desired results.
- Mitigated risk factors through careful analysis of current tech. progress and previous statistical data. Anticipated and managed change effectively in rapidly evolving requirements and extremely tight time ranges.
- Defined processes and tools best suited to each project. Moved between agile and waterfall approaches depending on project specifics and client goals, creating detailed project road maps, plans, schedules and work breakdown structures.

Key features as researcher

- Strong background – official representative of Kazan Scientific School of unconventional RadioEngineering and Stochastic Analysis.
- Wide range of interests with deep expertise and extensive real life project implementations – from indoor navigation systems to machine vision and swarm-based artificial intelligence.
- Significant research progress – more than 50 journal publications and patents in the 2010-2019 years.
- Wide range of specific skills – ultra-fast reading (about 2000 words per minute); programming experience in 6 languages (MATLAB, MathCAD language, VHDL, Delphi, C++, Assembler).

Key features as society member

- 33 year, married for 12 years, one daughter. Loyal to his family, friends and colleagues, creative.

Education & Credentials

B.Sc. in the field of Telecommunications, Kazan State Technical University n.a. Tupolev (Kazan, RF), 2006

M.Sc. in the field of Telecommunications, Kazan State Technical University n.a. Tupolev (Kazan, RF), 2008

M.Art in the field of High School Teaching, Kazan State Technical University n.a. Tupolev (Kazan, RF), 2008

Ph.D. in the field of Telecommunications, Kazan State Technical University n.a. Tupolev (Kazan, RF), 2013