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**HERIC Project  
Collaborative Research and Development Subprojects**



**CURRICULUM VITAE**

**Category:** *Key Researcher.*

**Proposed role in the project:** *Analogue and Digital signal conditioning and proceeding engineer.*

- 1. Family name:** TARASOV
- 2. First names:** Dmitry Aleksandrovich
- 3. Date of birth:** 04.07.1972
- 4. Nationality:** Russian Federation
- 5. Civil status:** Married
- 6. Contact details (address, e-mail, telephone):** Gorićani bb, Golubovci (PG), 81304 | [drdimotar@gmail.com](mailto:drdimotar@gmail.com) | +38269645026

**7. Education:**

Institution [ Date from - Date to ]	Degree(s) or Diploma(s) obtained:
Moscow Power Engineering Institute (Technical University) 1989-1995	Radio-engineer
Toulouse National Polytechnic Institute 1999	Ph.D. in microwave electronics

- 8. Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Russian	1	1	1
English	1	2	2
French	1	2	3
Serbian / Montenegrin	1	2	2

**9. Membership of professional bodies:**

- 10. Other skills:** IT security, software development, compiler design
- 11. Present position:** Electronics design engineer, R&D department
- 12. Name of institution/firm/organisation:** Q-tek llc.
- 13. Years within the institution/firm/organisation:** 3

14. **Key qualifications:** data acquisition and conditioning, signal processing, embedded computing, process control and industrial automation, quality of power

15. **Specific experience in the region:**

Country	Date from - Date to
Montenegro	2007-2013
Russia	2000-2007
France	1999-2000

16. **Professional experience**

Date from - Date to	Location (Country)	Organisation/ Company	Position	Description of responsibilities and activities
11.2014- now	Montenegro	<a href="#">Q-tek llc.</a>	R&D unit, development engineer, Deputy director on quality.	Analog signal conditioning, HDR data acquisition systems development, single-board computer development. Company' QMS implementation.
02.2013- 10.2014	Montenegro	<a href="#">POLIEX Inc.</a>	Research engineer, R&D unit technical director	Leader of research projects in energy efficiency and renewable energy sources. Continuous improvement of factory' process control, automation, safety and protection systems.
06.2007- 02.2013	Montenegro	UDAĆA llc	CEO	Engineering in consulting in QoP, IT security and industrial automation / smart home systems.
09.2008- 01.2010	Montenegro	<a href="#">IT faculty, Mediterranean University,</a>	Guest Professor	Teaching courses - compiler and interpreter design and development - application safety and security
04.2004- 11.2006	Moscow, Russia	<a href="#">PROSOFT</a>	Engineer, Chief of Engineering department	Client support, vendor' brand management, marketing activities, team management (20 pers), personnel and customer trainings.

17. **Other relevant information:**

[GE's](#) "Advanced UPS training" - 2011.

Lead auditor on QMS ISO9001:2015, 29.02.2016 – 04.03.2016, DQS Academy, Croatia.

18. **Professional and social engagement (including projects):**

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- Co-founder of MANT (Montenegrin Association for New Technologies), with Radovan Stojanovic, and President of the Council
  - Co-founder of the MECO Mediterranean Conference on Embedded Computing and Chair of the Organization Committee
  - Co-founder of the MECOnet
  - CoEditor of Proceedings of IEEE conference MECO (2012-2018)
  - Participation in the EU TEMPUS project Modernizing and harmonizing maritime education in Montenegro and Albania – MarED, 2012-2017
  - Coordinator of the innovative national project MNAINO2017-10, The device for determination of antioxidation activity, 2017. Uređaj za određivanje antioksidantne

## 19. Main references

1. Michael Dubkov, Evgeniy Muratov, Boris Kostrov, Alexander Loginov, Michael Nikiforov, Anatoly Novikov, Dmitry Tarasov, Radovan Stojanovic, Chapter 42, Intense training of bachelors - developers of aircraft computer vision systems, In Handbook of Research on Engineering Education in a Global Context (2 Volumes), <https://www.igi-global.com/book/handbook-research-engineering-education-global/180656>
2. D. Tarasov, “High Dynamic Range Low Cost DAQ System for Precision Instrumentation” in Proceeding of MECO-2016, Bar, Montenegro, <https://ieeexplore.ieee.org/document/7525711/>
3. D. Tarasov, “On increase of immunity to EMI in high performance analog system with differential signal line.” in Proceeding of MECO-2017, Bar, Montenegro, <https://ieeexplore.ieee.org/document/7977174/>

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