Innovation
Fund of
Montenegro

Innovation Fund of Montenegro

COLLABORATIVE PROGRAM FOR INNOVATION

BIOGRAPHY TEMPLATE

project team leader

1. **Name and surname**
   Jovan Đurković

2. **Education (enter the year of enrolment and completion of each degree in reverse chronological order)**

   a. Degree, faculty/department, area, year

   - 2019-2021: Specialist Electronics – Electrical engineering faculty of the University of Montenegro
   - 2013-2019: Bachelor of electronics, telecommunications and computer science, Electrical engineering faculty of the University of Montenegro

3. **Work experience (in reverse chronological order)**

   - DOO MECOnet – HW-SW designer and researcher (2020-)
   - NGO MANT - Associate in technical services (2019-2020)

4. **Professional, scientific, academic experience and achievements**

   a. Projects in which you participate or have participated

   - **IPA-ADRION00107- ARtificial intelligence platform to prevent Climate change natural hazArds** - ARCA, 2024-
   - **SMART4ALL - Self-sustained customized cyberphysical system experiments for capacity building among European stakeholders - Horizon2020 (Grant Agreement No. 872614)** – partner - manager of WP3 "Ecosystem Building and Community Engagement", project value **8,660,872.50 Eur**, 25 members of the consortium. Results: built international DIH Ecosystem with over 921 members, enabled Marketplace Service with over 968 members, financed over 60 experiments and innovative an idea throughout of Europe total worth over a million euros, more at: https://smart4all-project.eu/
   - **ELEMEND**, 585681-EEP-1-2017-1-EL-EPPKA2-CBHE-JP, ERASMUS+ (Electrical Energy Markets and Engineering Education), 16 consortium members, experimental team
   - **VIRAL**, VITALISING ICT RELEVANCE IN AGRICULTURAL LEARNING, 609755-EPP-1-2019-1-BA-EPPKA2-CBHE-JP – project value: 900,000 Eur, 17 consortium members, role: technology development
   - **TECA**, Caravan of Technological Enterprises, Project financed by the Government of Montenegro - technical manager

- **HIGHTECH.ME**, Montenegrin Portal of High Technological Enterprise, Project financed by the Government of Montenegro - technical manager

b. Scientific/professional awards received so far (if applicable)

- The best paper in "Smart Anything Everywhere" award:

  Radovan Stojanovic, Jovan Djurković, Slaviša Mijušković, Budimir Lutovac and Andej Škraba, for paper number 137 titled: SYNTROFOS: A Wearable Device for Vital Sign Monitoring, Hardware and Signal Processing Aspects

- MANT award for the young designer of 2023

c. Memberships in scientific and professional associations (if applicable)

- Member of MANT
- Member of EUROMICRO

d. Entrepreneurial successes, innovation activities, granted patents

- Experience in designing medical devices and other innovative products and prototypes in MECOnet company – https://meconet.me/products/

e. Professional training and stay at international institutions (if applicable)

- Training, Summer School on Cyber Physical Systems and Internet of Things (SSCPS&IoT), 2023.
- Training, Summer School on Cyber Physical Systems and Internet of Things (SSCPS&IoT), 2024.

f. Other professional achievements (if applicable)

Published papers:

- R, Stojanovic, J. Đurković, B. Babić, V. N. Ivanovic, B. Lutovac, M. Stork, "A Toolset for Blood Pressure Visualization and Measurement in Time, Frequency and Time-Frequency Domains", 13th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2024.
- R, Stojanovic, J. Đurković, A. Skraba, "ECG and PPG Signals Monitoring by Using Web Audio API", 13th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2024.
- J. Đurković, R. Stojanović, B. Cico, "An Experimental Platform for Fall Detection Using Beacon, Node MCU and MATLAB", WiPiEC Journal Vol. 9 No. 2, 2023
- Radovan Stojanović, Jovan Djurković, Slaviša Mijušković, Budimir Lutovac, Andej Škraba, 2023. SYNTROFOS: A Wearable Device for Vital Sign Monitoring, Hardware and Signal Processing Aspects. (12th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2023).
- Radovan Stojanović, Andrej Škraba, Jovan Đurković, Budimir Lutovac, 2022. Off-the-Shelf Solution for Measurement and Calculation of

Respiration and Heart Rates for COVID-19 Diagnosis and Monitoring (11th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2022)

- Jovan Đurković, Radovan Stojanovic, 2021. Telemetry IoT station for purpose of precise agriculture.

- Radovan Stojanovic, Vesna Maraš, Sanja Šućur Radonjić, Anita Martic, Jovan Đurković, Katarina Pavicevic, Vasilije Mirovic, Miljan Cvetkovic, 2021. A Feasible IoT-Based System for Precision Agriculture. (10th Mediterranean Conference on Embedded Computing (MECO), Budva, Montenegro, June-2021).

Professional activities:

- Technical and research editor of Proceedings of the conference "2024 13th Mediterranean Conference on Embedded Computing (MECO)"
- Technical and research editor of Proceedings of Summer Scholls:
  - o 5th Summer School on Cyber Physical Systems and Internet of Things (SS-CPS&IoT'2024)
  - o 4th Summer School on Cyber Physical Systems and Internet of Things (SS-CPS&IoT'2023)
- Handling editor of the journal WiPiEC – Works in Progress in Embedded Computing Journal, https://wipiec.digitalheritage.me
- Editor of the web site www.hightech-hub.me

30.9.2024 in Podgorica   _____

(date)   (place)   (signature of project team leader)