

## Conf.dr.ing. Florin Stoican

### **Listă publicațiilor științifice 2000-2017**

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2. Prodan, I., **F. Stoican**, S. Olaru, C. Stoica și S.-I. Niculescu, Mixed-Integer Programming Techniques in Distributed MPC Problems, în seria Springer Intelligent Systems, Control and Automation: Science and Engineering, pp. 275–291, 2014. ISBN: 9789400770058, DOI: [10.1007/978-94-007-7006-5\\_17](https://doi.org/10.1007/978-94-007-7006-5_17), EID: [2-s2.0-84896528456](#), Kluwer Academic Publishers, Dordrecht, The Netherlands
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12. Olaru, S., **F. Stoican**, J. DeDoná și M. Seron, Necessary and sufficient conditions for sensor recovery in a multisensor control scheme, în 7th IFAC International Symposium on Fault Detection, Supervision and Safety of Technical Systems, SAFEPROCESS’09, pp. 977–982, 2009. ISBN: 9783902661463. DOI: [10.3182/20090630-4-ES-2003.0388](https://doi.org/10.3182/20090630-4-ES-2003.0388). EID: [2-s2.0-77957793634](https://doi.org/2-s2.0-77957793634). Elsevier Science, Amsterdam, The Netherlands

## **Lista granturilor și a contractelor de cercetare în 2000-2017**

### **● Granturi și contracte naționale**

1. Implementation and development of algorithms for the dynamic motion planning of robotic systems (DEVROS); Responsabil de proiect UPB, Proiect PN-III Ceduri de Inovare: PN-III-P2-2.1-CI-2017-0403; iulie 2017 – decembrie 2017; <http://devros.pub.ro/project>
2. Set-theoretic approaches for fault tolerant control of complex systems (SETS2FTC), Cercetator principal in proiect Tinere Echipe PN-II: PN-II-RU-TE-2014-4-2713; octombrie 2015- septembrie 2017; <http://sets2ftc.pub.ro/project>
3. Proiect de mobilitate Young Researcher from Diaspora, Coordonator de proiect, MCT-2016-0037
4. Grantee of multiple “Awarding the research results” Granturi: PRECISI-2014-6144, -2015-10076, -2016-15179, -2016-15822, si -2017-14869
5. Robust control in nonstandard cases PN-II 2016, PN-II-ID-PCE-2011-3-0235, membru in echipa proiectului
6. Multi-drones system for evaluation of flood effects, proiect PN-III-BG-2016-0318, 2016-2017, membru in echipa proiectului
7. ESA: Advanced Control Techniques for Future Launchers, 4000119953/17/F/JLV, 2017-2020, membru in echipa proiectului
8. Non Cooperative RV Experiment phases C/D/E1, RVX 2016, 2017-2020, membru in echipa proiectului
9. ROSA: Multisensory robotic system for aerial monitoring of critical infrastructure systems, 71/2013, membru in echipa proiectului, 2013-2016
10. ROSA: Sistem robotic aerian integrat multiagent pentru explorarea regiunilor de interes terestre, C3/2016, 2016-2019, membru in echipa proiectului