

Curriculum Vitæ

Sergiu IVANOV

born on September 17, 1988 in Feodosia, Crimea, URSS

Professional address

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Current position

Associate professor (maître de conférences) at IBISC, team COSMO, Université Évry Val d'Essonne.

Doctoral thesis

Title: On the Power and Universality of Biologically-inspired Models of Computation
Supervisor: Serghei VERLAN, associate professor, Université Paris Est Créteil
School: Université Paris Est
Laboratory: Laboratory of Algorithmics, Complexity and Logic (LACL)
Defence date: June 23, 2015

Thesis committee

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|------------|----------------------|---------------------------------------|
| Referees: | Jérôme DURAND-LOSE | Université d'Orléans |
| | Gheorghe PĂUN | Romanian Academy |
| | Philippe SCHNOEBELEN | CNRS & ENS de Cachan |
| Examiners: | Enrico FORMENTI | Université de Nice – Sophia Antipolis |
| | Jean-Louis GIAVITTO | CNRS & IRCAM |
| | Elisabeth PELZ | Université Paris Est Créteil |

Professional experience

Research experience

- 2017– • Associate professor at IBISC, Université d'Évry
- 2016–2017 • Postdoc at TIMC-IMAG, Faculty of Medicine of Grenoble
- 2015–2016 • ATER affiliated to LACL, Université Paris Est Créteil
- 2012–2015 • PhD student at LACL, Université Paris Est Créteil; supervised by Serghei VERLAN
- 2009–2012 • Researcher at the Institute of Mathematics and Computer Science of Moldova; supervised by Yurii ROGOZHIN

Research visits

- May 2019 • Collaboration with Nicolas Glade at Université Grenoble-Alpes, France
- May 2019 • Collaboration with Ion Petre at Turku University, Finland
- August 2017 • Collaboration with Rudolf Freund at Technical University of Vienna, Austria
- August 2016 • Collaboration with Rudolf Freund at Technical University of Vienna, Austria
- January 2016 • Collaboration with Ion Petre at Combio, Åbo Akademi, Turku, Finland
- November 2015 • Collaboration with Rudolf Freund at Technical University of Vienna, Austria
- October 2014 • Collaboration with Ion Petre at Combio, Åbo Akademi, Turku, Finland
- April–May 2014 • Collaboration with Ion Petre at Combio, Åbo Akademi, Turku, Finland
- August 2011 • Collaboration with Serghei Verlan at LACL, Université Paris Est Créteil

Teaching

- 2017– • Associate professor in the Computer Science department of Université d'Évry
- 2015–2016 • ATER at École Supérieure d'Informatique Appliquée à la Gestion, 260 hours
- 2012–2015 • Monitor during doctoral studies, 192 hours

Programming

- 2016–2017 • Framework for biomechanical modelling of microtubules (C++)
- April 2014 • Reaction system simulator (Haskell, PHP)
 - 2013 • Tools for optimisation of the size of universal Petri nets with inhibitor arcs (Haskell, Gurobi, AMPL)
- June–August 2012 • Google Summer of Code: category theory module for SymPy (Python)

Postgraduate studies

- 2012–2015 • PhD student at Université Paris Est (supervised by Serghei VERLAN)
- May 2013 • Summer school for Young Researchers in Programming (EJCP), French Institute for Research in Computer Science and Automation (INRIA), Rennes, 45h
- September 2012 • Summer school “Advanced Introduction to Biology”, Institute of Systems & Synthetic Biology, Évry Genopole, 40h