

# Curriculum Vitæ

## Sergiu IVANOV

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

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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**

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

## Career

### 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 projects

- 2019–2021 • DIM RFSI: Computer Science Models for Cellular Reprogramming (11 k€)

### Research visits

- August 2021 • Collaboration with **Rudolf FREUND** at Technical University of Vienna, Austria
- June 2021 • Collaboration with **Nicolas GLADE** at Université Grenoble-Alpes, France
- February 2020 • Collaboration with **Nicolas GLADE** at Université Grenoble-Alpes, France
- 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

### Supervision of PhD students

- 2018–2021 • **Jérémie PARDO**, Abductive approach to the inference of therapeutical targets and sequences of treatment

### 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)