

Curriculum Vitae

Adel Ferdjoukh (Phd.)

Nantes, France

E-mail: ferdjoukh@gmail.com

Web: <http://adel-ferdjoukh.ovh>

Nationality: Algerian

Born, August 7th, 1991 in Bejaia (Algeria).

Current position: ATER at University of Nantes (non-tenure track position)



educational summary

- 2013-2016** ▷ Phd in computer science at Montpellier University. Thesis entitled: "A Declarative Approach for Model Generation" and supervised by Marianne Huchard, Clémentine Nebut, Eric Bourreau and Annie Chateau. Defended on october 20th, 2016.
- 2012-2013** ▷ Master Degree in Software Engineering in Montpellier university.
- 2011-2012** ▷ Master Degree (first year) in Networks and Distributed Systems in Bejaia University, Algeria.
- 2009–2011** ▷ License in Computer Science in Bejaia University.
- 2008** ▷ Baccalaureate in Mathematics.

work experience

- Sep 2016-Aug 2017** : **Invited assistant professor** at Ecole des Mines de Nantes, France.
- Sep 2016-Aug 2017** : **Assistant professor** at the university of Nantes, France.
- Oct 2014-Sep 2016** : **Assistant lecturer** at the university of Montpellier, France.
- Oct 2013-Sep 2016** : **Phd Student** in Lirmm laboratory, Montpellier, France.
- February-June 2013** : **Internship** in Lirmm laboratory in Montpellier supervised by Clémentine Nebut entitled "Model Generation from Meta-models Using CSP".
- 2011** : **Web Freelance** Creating web sites for small companies with a group of friends.
- Summer 2010** : **Technician** in Computer Science (CTIB Bejaia, Algeria). My work was to repair computers and participate in network installing.

Publications internationales

- Adel Ferdjoukh, Anne-Elisabeth Baert, Annie Chateau, Rémi Coletta, and Clémentine Nebut. A CSP Approach for Metamodel Instantiation. In *ICTAI, IEEE International Conference on Tools with Artificial Intelligence*, pages 1044–1051, 2013. Rang B. Taux d'acceptation = 27%. 12 citations

- Adel Ferdjoukh, Anne-Elisabeth Baert, Eric Bourreau, Annie Chateau, Rémi Coletta, and Clémentine Nebut. Instantiation of Meta-models Constrained with OCL: a CSP Approach. In *MODELSWARD, International Conference on Model-Driven Engineering and Software Development*, pages 213–222, 2015. Taux d’acceptation = 45%. 7 citations
- Adel Ferdjoukh, Eric Bourreau, Annie Chateau, and Clémentine Nebut. A Model-Driven Approach to Generate Relevant and Realistic Datasets. In *SEKE, International Conference on Software Engineering & Knowledge Engineering*, pages 105–109, 2016. Rang B. Taux d’acceptation = 37%
- Galinier Florian, Eric Bourreau, Annie Chateau, Adel Ferdjoukh, and Clémentine Nebut. Genetic Algorithm to Improve Diversity in MDE. *META, International Conference on Metaheuristics and Nature Inspired Computing*, pages 170–173, 2016. Rang C

Talks

- Nov 2016** ▷ Model generation, Atlanmod seminars, Nantes, France
- Oct 2016** ▷ Une approche déclarative pour la génération de modèles, Phd defense, Montpellier, France
- July 2016** ▷ A Model-Driven Approach to Generate Relevant and Realistic Datasets, SEKE conference, San Francisco, USA.
- March 2016** ▷ “Probably” more relevant models, Empirical SE Group, Paris, France.
- Oct 2015** ▷ Génération de données réalistes par simulation de lois de probabilités, research group seminar, Montpellier, France.
- June 2015** ▷ Génération de modèles, approche basée sur la Programmation par Contraintes, GDR/GPL, Bordeaux, France.
- June 2015** ▷ L’ingénierie Dirigée par les Modèles: Codera-t-on toujours demain ?, Semindoc@Lirmm, Montpellier, France.
- Feb 2015** ▷ Instantiation of Meta-models constrained with OCL: A CSP Approach, ModelsWard Conference, Angers, France.
- Oct 2014** ▷ Generating Models Conform to Meta-models and OCL: A CSP Approach, SE day in Lirmm, Pignan, France.
- Nov 2013** ▷ A csp approach for metamodel instantiation, ICTAI Conference, Washington DC., USA.

Research: other

- 2016** ▷ Reviewer for MODELSWARD, International Conference on Model-Driven Engineering and Software Development.
- Nov 2015** ▷ Attending at ACAI, Summer School on Constraints Solving Techniques in AI, Lille, France.
- 2014** ▷ Reviewer for JFPC, French week on Constraint Programming.

Teaching

2014	▷ Data bases and information systems	Bachelor
	▷ Model Driven Engineering	Master
2015	▷ Object-oriented programming (UML & Java)	Bachelor
	▷ Model Driven Engineering	Master
	▷ Networks	Bachelor
2016	▷ Imperative programming languages (C/C++)	Bachelor
	▷ Algorithms and Javascript programming	Bachelor
	▷ Introduction to computer science	Bachelor

Note: In Model driven engineering for master degree students, I wrote a tutorial on the use of EMF, the modelling framework of Eclipse.

Supervising

2014	▷ Co-supervisor of Felix Vonthron on the encoding of OCL constraints into CSP	Master
	▷ Co-supervisor of Olivier Perrier on the encoding of OCL constraints into CSP	Master
2015	▷ Co-supervisor of Florian Galinier on java projects metrics	Master
2016	▷ Co-supervisor of Florian Galinier on the application of genetic algorithms for model generation	Master
	▷ Co-supervisor of Meddy Urie on the programming of an Eclipse plugin for Grimm tool	Bachelor

Community life & Volunteering

Oct 2014-June 2015 : **Co-organisation** of doctoral seminars in Lirmm laboratory (Semindoc@Lirmm).

Jan-June 2014 : **Co-organisation** of doctoral conference day in Montpellier (Doc-tiss'14).

July 2013 : **Volunteering** at Ecoop, Ecsa, Ecmfa conferences in Montpellier, France.

2012 : **Communication Officer** of Bejaia City patrimony protection association in Algeria.

2011–2012 : **President** of student association in Bejaia University (CSI Bejaia). My work was to manage a team and to organize events related to Computer Science.

Feb-June 2011 : **Coding** a web portal to an Association using .NET technologies.

Languages

- ▷ **Amazigh (Berber, Native Language)**
- ▷ **French.**
- ▷ **Arabic.**
- ▷ **English.**

Other

Programming languages ▷ Java, EMF, C/C++, L^AT_EX, R, Pascal, Delphi, OCaml, ASP.NET, PHP, HTML/Css, Estelle, Matlab, Flex, Prolog, Kermeta.

Hobbies ▷ Reading, Sport, Theatre, Chess, History (Antiquity, Rome and Greece) and Geography.