

# Fahad Rafique Golra

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CONTACT INFORMATION      Appartement 33  
9 Rue du Léon  
29200, Brest  
FRANCE

☎ 00 33(0)6 10 04 78 78  
☎ 00 33(0)2 21 09 12 21  
✉ [fahad.golra@ensta-bretagne.fr](mailto:fahad.golra@ensta-bretagne.fr)  
🌐 [www.fahadgolra.com](http://www.fahadgolra.com)

NATIONALITY      French & Pakistani

PROFESSIONAL EXPERIENCE      **ENSTA Bretagne**, Nancy, France.

*Post-doctoral Research Engineer (Oct 2018 - Sep 2019)*

- Research on process specifications using model federation.
- Linking processes (BPMN) to an agent based simulator (DirectSim)
- Research on process interpretations with SLS-MOCS team.

**Université de Lorraine**, Nancy, France.

*Full-time Teaching/Research attachment (Sep 2017 - Aug 2018)*

- Delivering lectures for graduate and undergraduate students.
- Carrying out practical and problem solving classes.
- Subjects: Algorithms, Programming, Python, C language
- Research on requirements specification with DEDALE team, LORIA.

**IMT Atlantique Ex. Télécom Bretagne**, Brest, France.

*Post doctorate (Dec 2015 - May 2017)*

- Research on requirements engineering using model federation approaches.
- Development in collaboration with [Openflexo](#) under ANR project, FORMOSE.

**Laboratoire d'Informatique de Paris 6**, Paris, France.

*Post doctorate (Mar 2014 - Feb 2015)*

- Research on deviation detection & recovery strategies during process enactment.
- Local management and collaborative activities for an ITEA European research project.
- Co-supervision of a PhD student along with [Reda BENDRAOU](#)

**Ecole d'ingnieurs ECE Paris**, Paris, France.

*Visiting Lecturer (Oct 2014 - Dec 2014)*

- Delivering lectures & practical classes for engineering students.
- Preparing and carrying out student projects & exams.
- Subjects: Java Platform, Enterprise Edition (JEE)

**Université de Bretagne Occidentale**, Brest, France.

*Full-time Teaching/Research attachment (Oct 2012 - Aug 2013)*

- Delivering lectures for graduate and undergraduate students.
- Carrying out practical and problem solving classes.
- Subjects: Object-oriented programming languages, Distributed computing, SOA, Networking, Algorithms

**COMSATS Institute of IT**, Abbottabad, Pakistan.

*Teaching Assistant (Sep 2005 to Jan 2007)*

- *Introduction to programming language* course with [Dr. Qamar Khand](#).
- *Computer Graphics* course with [Dr. Mudassir Malik](#).
- Graded routine assignments on programming and drafting.

## EDUCATION

**Télécom Bretagne**, Brest, FRANCE

Ph.D, Informatique (**Defence: 08 January, 2014**)

- Thesis Topic: A refinement based methodology for software process modeling
- Supervisor: [Antoine BEUGNARD](#)
- Co-supervisor: [Fabien DAGNAT](#)

**Université Montpellier II**, Montpellier, FRANCE

Master Recherche Informatique (**Fall 2009**)

- Thesis Topic: Component model for server-side web applications
- Supervisor: [Christophe DONY](#)
- Specialization: Software Engineering

**COMSATS University Islamabad**, Abbottabad Campus, PAKISTAN

M.S., Computer Science (**Fall 2007**)

- Thesis Topic: Goal Oriented Requirements Engineering for Component Based Systems
- Supervisor: [Atif Neuman Jamil](#)
- Specialization: Software Engineering

**Allama Iqbal Open University** , Islamabad, PAKISTAN

B.S., Computer Science (**Fall 2005**)

- Report Topic: Platform Independence for Messaging Server
- Specialization: Software Engineering

## PUBLICATIONS

- Fahad R. Golra, Fabien Dagnat, Jeanine Souquières, Imen Sayar. Bridging the gap between informal requirements and formal specifications using Model Federation. In *International Conference on Software Engineering and Formal Methods (SEFM 2018)* Toulouse, France, 2018. [[CORE Conference Rank: B](#)]

- Fahad R. Golra, Fabien Dagnat, Reda Bendraou. Continuous Process Compliance using Model Driven Engineering In *International Conference on Model and Data Engineering (MEDI 2017)* Barcelona, Spain, 2017.
- Fahad R. Golra, Antoine Beugnard, Fabien Dagnat, Sylvain Guerin, Christophe Guychard. Using Free Modeling as an Agile Method for Developing Domain Specific Modeling Languages. In *18th International Conference on Model Driven Engineering Languages and Systems (MODELS 2016)* Saint-Malo, France, 2016. [CORE Conference Rank: B]
- Fahad R. Golra, Antoine Beugnard, Fabien Dagnat, Sylvain Guerin, Christophe Guychard. Continuous Requirements Engineering using Model Federation. In *IEEE 24th International Requirements Engineering Conference (RE 2016)* Beijing, China, 2016. [CORE Conference Rank: A]
- F. R. Golra, A. Beugnard, F. Dagnat, S. Guerin, C. Guychard, Addressing modularity for heterogeneous multi-model systems using model federation. In *Modularity in Modelling Workshop (MOMO'16)*. Malaga, Spain, 2016.
- F. R. Golra, F. Dagnat, Generation of Dynamic Process Models for Multi-metamodel Applications. In *Proceedings of the International Conference on Software and System Process (ICSSP'12)*. IEEE, Zurich, Switzerland, 2012. [CORE Conference Rank: A]
- F. R. Golra, F. Dagnat. Specifying the Interaction Control Behavior of a Process Model using Hierarchical Petri Net. In *Proceedings of the 2nd Workshop on Process-based approaches for Model-Driven Engineering (PMDE 2012)*. Copenhagen, Denmark, 2012.
- F. R. Golra, F. Dagnat *The Lazy Initialization Multilayered Modeling framework: NIER track*. In *Proceedings of the International Conference on Software and System Process (ICSE 2011)*. Hawaii, USA, 2011. [CORE Conference Rank: A+]
- F. R. Golra, F. Dagnat. Using component-oriented process models for multi-metamodel applications. In *Proceedings of the 9th International Conference on Frontiers of Information Technology (FIT'11)*. IEEE, Islamabad, Pakistan, 2011. [CORE Conference Rank: C]

#### SERVICES

International Catholic Migration Commission, 2007

- Developed and provided consultancy for EVI (Extremely Vulnerable Individuals) information systems for earthquake effected region.

#### LINGUISTIC SKILLS

##### **English**

- Completed 18 years of education in English as a medium of instruction.
- Continuing my doctoral research work in English as a working language.
- Attended various technical writing and presentation courses.

##### **French**

- Have been teaching university students in French as ATER
- Completed my course work of Master Informatique in French.
- Qualified the level A-2 by Alliance Française.

REFERENCES

**Antoine Beugnard**

Professor, IMT Atlantique  
Departement Informatique  
CS-83818

29238 Brest, France

*Email:* [antoine.beugnard@imt-atlantique.fr](mailto:antoine.beugnard@imt-atlantique.fr)

*Tel:* 00 33(0)2 29 00 14 23

*Fax:* 00 33(02 29 00 12 82

**Fabien DAGNAT**

Associate Professor, IMT Atlantique  
Departement Informatique  
CS-83818

29238 Brest, France

*Email:* [fabien.dagnat@imt-atlantique.fr](mailto:fabien.dagnat@imt-atlantique.fr)

*Tel:* 00 33(0)2 29 00 14 09

*Fax:* 00 33(02 29 00 12 82

**Reda Bendraou**

Assistant Professor, Universite Pierre et Marie Curie  
Laboratoire d'Informatique de Paris 6 (LIP6)  
MoVe Team, Office 208/25-26

4 place Jussieu

75252 Paris Cedex 05, France

*Email:* [reda.bendraou@lip6.fr](mailto:reda.bendraou@lip6.fr)

*Tel:* 00 33(0)1 44 27 88 61

*Fax:* 00 33(0)1 44 27 87 71