



Besnik Selimi



Faculty : **Contemporary Sciences and Technologies**
Position : **Associate Professor**

Personal data

Date of birth : **20 February 1981**
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Languages

- **Albanian**, Native
- **French**, C2 - Proficient
- **Macedonian**, C2 - Proficient
- **English**, C2 - Proficient

Education

- **2005 - 2009: Doctor of Computer Sciences**
Joseph Fourier University (Grenoble 1), Grenoble, France
Specialty: Software Testing
Thesis: "Test de logiciels synchrones avec la PLC"
- **2002 - 2004: Master in Software Engineering**
Faculty: Applied Mathematics and Informatics (UFRIMA)
Joseph Fourier University (Grenoble 1), Grenoble, France
Specialty: Distributed Systems and Networks
- **1999 - 2002: Bachelor of Computer Sciences**
Faculty: Applied Mathematics and Informatics (UFRIMA)
Joseph Fourier University (Grenoble 1), Grenoble, France
Specialty: Informatics

Publications

- Dhuratë Hyseni, Betim Cico, Artan Luma, Besnik Selimi, Edona Shemsedini. **Different Methods of Distribution Data in the Cloud - Controlled by IT Security Specialist**. In *7th Mediterranean Conference on Embedded Computing - MECO'2018*, pp. 248-252. IEEE, Budva, Montenegro, 6 / 2018.
- Ylber Januzaj, Artan Luma, Besnik Selimi, Azir Aliu, Bujar Raufi and Halil Snopçe. **A MODEL FOR AUTOMATED MATCHING BETWEEN JOB MARKET DEMAND AND UNIVERSITY CURRICULA OFFER**. In *SEEU Review, Volume 12, Issue 2*, pp. 188–217. DE GRUYTER OPEN, Warsaw, Poland, 5 / 2018. ISBN 1857-8462.
- Ylber Januzaj, Artan Luma, Azir Aliu, Besnik Selimi, Bujar Raufi, Halil Snopçe. **The need for an automated model which makes matching between job market demand and University Curricula**. In *15th International Conference on Informatics and Information Technologies*. Faculty of Computer Science and Engineering, Ss Cyril and Methodius University, Mavrovo, Macedonia, 4 / 2018.

- Dhuratë Hyseni, Besnik Selimi, Artan Luma, Betim Cico. **The Proposed Model to Increase Security of Sensitive Data in Cloud Computing.** In *International Journal of Advanced Computer Science and Applications, Vol.9, No. 2, 2018, pp. 203-210.* The Science and Information (SAI) Organization, England, 2 / 2018. ISBN 2158-107X.
- Dhuratë Hyseni, Besnik Selimi, Artan Luma, Betim Cico. **Data encryption, partition and distribution strategies for user-controlled security in the cloud.** In *The Journal of Natural and Technical Sciences, 2018, vol XXIII, pp. 57-79.* Academy of Sciences of Albania, Tirana, Albania, 2018. ISBN 2074-0867.
- Dhuratë Hyseni, Besnik Selimi, Artan Luma, Betim Cico. **The strategy of cryptography for the proposed model of security in cloud computing.** In *2017 IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI), pp. 24-28.* IEEE, Chennai, India, 9 / 2017. ISBN 978-1-5386-0813-5.
- Arsim Susuri , Mentor Hamiti, Besnik Selimi, Artan Luma. **Emulating Software and Hardware Faults in a Modified Linux Real-Time Environment.** In *International Journal on Information Technologies & Security, vol. 9, issue 4, 2017, pp. 87-96.* Union of Scientists in Bulgaria, Bulgaria, 2017. ISBN 1313-8251.
- Dhuratë Hyseni, Betim Çiço, and Besnik Selimi. **Conception, Design and Implementation of an Interface for Security in Cloud Controlled by the End User..** In *International Journal on Information Technologies and Security, pp. 35-44.* Union of Scientists in Bulgaria, Bulgaria, 6 / 2016. ISBN 1313-8251.
- Agon Memeti, Besnik Selimi, Adrian Besimi and Betim Cico. **Coordinating Service Resources: An Architecture for REST Service Collaboration.** In *Proceedings of 7th International Scientific Conference Computer Science 2015, pp. 280-289.* Tirana, Albania, 9 / 2015. ISBN 978-619-167-177-9.
- Artan Luma, Ylber Januzaj, Besnik Selimi, Azir Aliu And Halil Snopce. **Embedded Identification System Based On Face Recognition.** In *International Conference on Science, Technology and Management, pp. 37-42.* WRL, London, United Kingdom, 8 / 2015. ISBN 978-93-85465-83-3.
- Ylber Januzaj, Jaumin Ajdari, Besnik Selimi. **DBMS as a Cloud service: Advantages and Disadvantages.** In *Proceedings of the World Conference on Technology, Innovation and Entrepreneurship, pp. 1851–1859.* Elsevier, Istanbul, Turkey, 7 / 2015. ISBN 1877-0428.
- Agon Memeti, Besnik Selimi, Adrian Besimi, Betim Cico. **A framework for flexible REST services: Decoupling authorization for reduced service dependency.** In *Proceedings of the 4th Mediterranean Conference on Embedded Computing (MECO), pp. 51 - 55.* IEEE, Budva, Montenegro, 6 / 2015. ISBN 978-1-4799-8999-7.
- Besnik Selimi and Artan Luma. **Specification of Document Structure and Code Generation for Web Content Management.** In *International Journal of Computer Science Issues, Vol 12, No 3.* IJCSI Publications , 5 / 2015. ISBN 1694-0814.
- Mentor Hamiti and Besnik Selimi. **Ethical Education of Information Technology Users.** In *International Journal of Computer Science Issues, Vol 12, No 3.* IJCSI Publications, 5 / 2015. ISBN 1694-0814.
- Artan Luma, Besnik Selimi and Lirim Ameti. **Using Elliptic Curve Encryption and Decryption for Securing Audio Messages.** In *Transactions on Engineering Technologies.* Springer Netherlands, 5 / 2015. ISBN 978-94-017-9803-7.
- Artan Luma, Besnik Selimi and Satki Ismaili. **A Survey of Factors Affecting the Successful Implementation of Technology in Teaching.** In *International Journal of Applied Mathematics, Electronics and Computers, pp. 23-26.* Advanced Technology and Science, Vol 3, No 1, 2015. ISBN 2147-8228.
- Agon Memeti, Besnik Selimi, and Betim Çiço. **Integration of Several University E-Services in the Cloud.** In *Proceedings of the 2014 European Modelling Symposium (EMS '14), pp. 360-365.* IEEE Computer Society, Washington, DC, USA, 10 / 2014. ISBN 978-1-4799-7412-2.
- Artan Luma, Besnik Selimi and Lirim Ameti. **Audio Message Transmitter Secured Through Elliptical Curve Cryptosystem.** In *International Journal of Applied Mathematics, Electronics and Computers, pp. 54-58.* Advanced Technology and Science, Vol 2, No 4, 2014. ISBN 2147-8228.
- Virginia Papailiopolou, Besnik Seljimi and Ioannis Parissis. **Automatic Test of Lustre/SCADE Programs.** In

Model-Based Testing for Embedded Systems, pp. 171-194. CRC Press, Taylor & Francis, 9 / 2011. ISBN 978-1-43-981845-9.

- (FR) Besnik Seljimi. **PhD Thesis: Test de logiciels synchrone avec la PLC**. Grenoble University, Grenoble, France, 7 / 2009.
- Virginia Papailiopolou, Besnik Seljimi and Ioannis Parissis. **Revisiting the Steam-Boiler Case Study with Lutess : Modeling for Automatic Test Generation**. In *Proceedings of the 12th European Workshop on Dependable Computing (EWDC 2009)*. Toulouse, France, 5 / 2009.
- Besnik Seljimi and Ioannis Parissis. **Automatic generation of test data generators for synchronous programs: Lutess V2**. In *Workshop on Domain specific approaches to software test automation: in conjunction with the 6th ESEC/FSE joint meeting (DOSTA '07)*. ACM, New York, NY, USA, 9 / 2007. ISBN 978-1-59593-726-1.
- (FR) Besnik Seljimi and Ioannis Parissis. **Test de logiciels synchrones : apports de la programmation par contraintes**. In *Approches Formelles dans l'Assistance au Développement de Logiciels (AFADL)*. Namur, Belgium, 6 / 2007.
- Besnik Seljimi and Ioannis Parissis. **Using CLP to Automatically Generate Test Sequences for Synchronous Programs with Numeric Inputs and Outputs**. In *Proceedings of the 17th International Symposium on Software Reliability Engineering (ISSRE '06)*. IEEE Computer Society, Washington, DC, USA, 11 / 2006. ISBN 978-0-76-952684-3.
- (FR) Besnik Seljimi, Ioannis Parissis. **Exploitation des contraintes pour la recherche de non-conformités dans Lutess**. In *Project Report (RNTL DANOCOPS)*. France, 9 / 2006.
- (FR) Besnik Seljimi, Ioannis Parissis. **Extension de Lutess aux contraintes numériques**. In *Research Report (RNTL DANOCOPS)*. France, 3 / 2006.
- (FR) Laurence Estrabaut, Besnik Seljimi, Ioannis Parissis. **Architecture de l'environnement Lutess intégrant la programmation logique avec contraintes**. In *Project Report (RNTL DANOCOPS)*. France, 12 / 2005.

Work Experience

- **Jun 2015 - Present : Associate Professor**
Faculty of Contemporary Sciences and Technologies, South East European University
Type of business or sector: Research & Education
- **May 2010 - May 2015: Assistant Professor**
Faculty of Contemporary Sciences and Technologies, South East European University
Type of business or sector: Research & Education
- **Nov 2009 - Apr 2010: Part-time Lecturer**
Faculty of Contemporary Sciences and Technologies, South East European University
Type of business or sector: Research & Education
- **Sep 2007 - Jul 2008: State advisor on Information Technologies**
Ministry of Education and Science - Republic of Macedonia
Type of business or sector: Government
- **Dec 2004 - Jun 2007: Research Engineer**
Laboratoire d'Informatique de Grenoble, Grenoble, France
Type of business or sector: Research
- **Apr 2002 - Nov 2004: Reception**
Hôtel Gallia, Grenoble, France
Type of business or sector: Travel & Accommodation
- **Jan 2004 - Aug 2004: Project management (internship)**

Centre Technique du Papier, Grenoble, France

Type of business or sector: Paper Industry

Main responsibilities: Specification and implementation of paper surface analysis software

- **Feb 2003 - Aug 2003: Research internship**

Laboratoire d'Informatique de Grenoble, Grenoble, France

Type of business or sector: Research

Main responsibilities: A programming language implementing collective procedures for parallel computing