

Curriculum Vitae

Personal information

- **Personal**
 - Prof. [Mellal Nassima](#)
 - Associate Professor, Networks and Telecommunications department, Institute of Science and Applied Techniques, University of Oum El Bouaghi, Algeria.
 - E-mail: nassima.mellal.univ@gmail.com
 - Mobile : 05 61 61 11 68
- **Researcher identity**
 - Google Scholar : <https://scholar.google.com/citations?user=IC3hl8YAAAAJ&hl=fr>
 - ReaserchGate : https://www.researchgate.net/profile/Nacima-Mellal/research?ev=prf_act
 - ORCID : <https://orcid.org/0000-0001-9876-0507>
 - Publons : <https://www.webofscience.com/wos/author/record/HIR-6598-2022>

Education

- **Ph.D.'s degree** in Computer science within the Doctoral School of Sciences and Engineering of Environmental Systems and Organizations (University of Savoie –France-)
- **Master degree** in Science and Technology, Option: Intelligent Systems Specialty: Computer Research and Information Processing (University of Savoie –France-)
- **Engineering's** degree in Computer science (University of Oum El Bouaghi, Algeria)

Functions and Affiliations

- **Associate professor**, Networks and Telecommunications department, **Institute of Science and Applied Techniques**, University of Oum El Bouaghi, Algeria.

– Teaching modules

License & Master

- Informatics,
- Networks 1, 2 and 3
- IP Routing,
- Constraint logic programming
- Logic programming
- Research Methodologies
- Operating system
- Software Engineering

International publications

1. Nassima MELLAL, Khawla Bouzekri, Sabri Meriem, Saleh Abdennebi(2022): Android App based on CNN for Covid-19 Detection using Chest X-ray Images. 4th International Conference on Pattern Analysis and Intelligent Systems (PAIS) 2022.
2. Nassima MELLAL, Tahar Guerram, Faiza Bouhalassa : **An Approach for Automatic Ontology Enrichment from Texts**. Informatica International Journal of Computing and, Volume 45, 2021.
3. Nassima MELLAL (2021) : **A method for Automating Ontology Enrichment from unstructured Texts** , séminaire international sur les mathématiques et l'informatique en ligne (webinaire), organisé par **AJEAU** (Algerian Journal of Engineering, Architecture and Urbanism) le 05 et 06 Février 2021, Oran; Algérie
4. Tahar Guerram, Nassima Mellal : **A Domain Independent Approach for Ontology Semantic Enrichment**, Computer Science & Information Technology, NLP'2018, 7th International Conference on Natural Language Processing, January 27~28, 2018, Dubai, UAE
5. Mellal N. (2013): **Towards an Automatic Approach for Ontology Mapping In a Distributed eLearning System**. In International Journal of Science and Applied Information Technology (IJSAIT), Vol.2 , No.2, Pages : 11-15 (2013) Special Issue of ICET4E 2013 - Held during 11-12 March, 2013 in Hotel Crowne Plaza, Dubai
6. Mellal N. (2013): **Contextual-Ontologies for an Auto Elearning Process**. In: Brézillon P., Blackburn P., Dapoigny R.(eds) Modeling and Using Context. CONTEXT 2013. Lecture Notes in Computer Science, Vol 8175. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-40972-1_28
7. Mellal N., Dapoigny R., Foulloy L. (2008) Formal Method for Aligning Goal Ontologies. In: Chountas P., Petrounias I., Kacprzyk J. (eds) Intelligent Techniques and Tools for Novel System Architectures. Studies in Computational Intelligence, vol 109. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-540-77623-9_16
8. Mellal N., Dapoigny R. (2007): **Service Retrieval for Distributed Environment : An Approach Based Service-Ontologies Mapping**. In Wegrzyn-Wolska K.M., Szczepaniak P.S. (eds) Advances in Intelligent Web Mastering. Advances in Soft Computing, vol 43. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-540-72575-6_38
9. Nacima Mellal, Richard Dapoigny (2007): **Formal Method for Automatic and Semantic Mapping of Distributed Service-Ontologies**. In Proceeding of the Second International Conference on Software and Data Technologies – Volume 3: ICOSOFT, 259-263; 2007, Barcelona, Spain.
10. Nacima Mellal, Richard Dapoigny, Laurent Foulloy (2006): **Semantic Interoperability between Functional Ontologies**. Databases and Information Systems - **Selected Papers** from the Seventh International Baltic Conference, DBIS 2006, July 3-6, 2006, Vilnius, Lithuania, IOS Press, pp.277-290, 2006, Frontiers in Artificial Intelligence and Applications, 978-1-58603-715-4.
11. N. Mellal and R. Dapoigny (2006): **A multi-agent specification for the goal ontology mapping in distributed complex systems**, 2006, 7th International Baltic Conference on Databases and Information Systems, Vilnius, Lithuania, 2006, pp. 235- 243, doi: 10.1109/DBIS.2006.1678502.
12. Mellal N., Dapoigny R.; Barlatier P., Foulloy L. (2006): **Modeling and Multi-Agent Specification of IF- Based Distributed Goal Ontologies**. In Ali M.; Dapoigny R. (eds) Advances in Applied Artificial Intelligence. IEA/AIE 2006. Lecture Notes in Computer Science, vol 4031. Springer, Berlin, Heidelberg. https://doi.org/10.1007/11779568_4
13. N Mellal, R Dapoigny, L Foulloy (2006) : **The Fusion Process of Goal Ontologies using Intelligent Agents in Distributed Systems**. IS'06, 3rd International IEEE Conference Intelligent Systems, 42-47, London, UK, 2006,

14. Richard Dapoigny, Patrick Barlatier, Nacima Mellal, Eric Benoit, Laurent Foulloy: **Inferential Knowledge Sharing with Goal Hierarchies in Distributed Engineering Systems**. IICAI 2005: 590-608
15. R Dapoigny, P Barlatier, N Mellal, E Benoit, L Foulloy : **Goal integration for service inter-operability of engineering systems**. Int. Conf. on Conceptual Structures (ICCS 2005), Kassel, de, 201-202
16. R Dapoigny, N Mellal, E Benoit, L Foulloy : **Service Integration in Distributed Control Systems: an approach based on fusion of mereologies** ; IEEE Conference on Cybernetics and Intelligent Systems, 2004. 2, 1283-1288

Interests and Qualifications

- **Interests:** Artificial Intelligence- Machine Learning, Deep Learning, Distributed Systems, Networking, Sematic Web, Ontologies, Elearning
- **Qualifications:**
- **Other:**