

CV

Name: Mohamed Mahdi Benmoussa

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Educational Profile:

- PhD in modeling and verification of real-time systems using colored Petri nets and UML state machines, Université Paris 13, France
- Master in Algorithmique, modélisation et image, Université Paris 13, France
- Master in Systèmes distribués, Université Mentouri 2 Constantine, Algeria
- License in Informatique (computer science), University Mentouri 2 Constantine, Algeria

List of Journal Publications (starting with most recent one according to the **format below**)

1. Étienne André, Mohamed Mahdi Benmoussa et Christine Choppy. **“Formalising concurrent UML state machines using coloured Petri nets”**. In: Formal Aspects of Computing 28.5 (2016), p. 805–845.

List of Conference Papers

1. Mohamed Mahdi Benmoussa. **“Real-time systems modelling with UML state machines and coloured Petri nets”**. In: Proceedings of the 20th International Symposium on Formal Methods, Doctoral Symposium (DSFM à FM'2015), 5 pages. Oslo, Norway, 2015.
2. Étienne André, Mohamed Mahdi Benmoussa et Christine Choppy. **“Formalising Concurrent UML State Machines Using Coloured Petri Nets”**. In: Proceedings of the 6th International Conference on Knowledge and Systems Engineering (KSE'14). T. 326. Advances in Intelligent Systems and Computing. Hanoi, Vietnam: Springer, 2014, p. 473–486.
3. Étienne André, Mohamed Mahdi Benmoussa et Christine Choppy. **“Translating UML State Machines to Coloured Petri Nets Using Aceleo: A Report”**. In: Proceedings of the 3rd International Workshop on Engineering Safety and Security Systems (ESSS2014). Singapore: EPTCS, 2014, p. 1–7.
4. Étienne André, Mohamed Mahdi Benmoussa et Christine Choppy. **“Formalisation des diagrammes états-transitions UML concurrents”**. In : Actes de la session posters du 9e Colloque sur la Modélisation des Systèmes Réactifs (MSR'13). Rennes, France, 2013, p. 1–3.