

Here is a list of the papers we would be pleased to have the experts reading :

- Samy Abbes, Albert Benveniste: True-concurrency probabilistic models: Markov nets and a law of large numbers. *Theor. Comput. Sci.* **390**(2-3): 129-170 (2008), available from <http://www.irisa.fr/distribcom/benveniste/pub/MarkovNetsTCS.pdf> [*this is our major paper on probabilistic models for distributed systems*]
- Benoit Masson, Loïc Hélouët, and Albert Benveniste. Compatibility of data-centric web services. In WS-FM, 8th International Workshop on Web Services and Formal Methods, Lecture Notes in Computer Science. Springer, 2012. to appear. Available from http://www.irisa.fr/distribcom/benveniste/pub/compat_WSFM.pdf [*This is our most achieved work on document based workflows; it serves as a guideline for our RESTful platform under development*]
- Eric Fabre and Loïc Jézéquel. Distributed optimal planning: an approach by weighted automata calculus. In IEEE Conference on Decision and Control (CDC), 2009. Available from <http://people.rennes.inria.fr/Eric.Fabre/Papiers/versionfinaleCDC09.pdf> [*This is our major work on distributed algorithms for quantitative distributed models*]
- Thomas Gazagnaire, Blaise Genest, Loïc Hélouët, P. S. Thiagarajan, Shaofa Yang: Causal Message Sequence Charts. *Theor. Comput. Sci.* **410**(41): 4094-4110 (2009), available from <http://www.sciencedirect.com/science/article/pii/S0304397509004058> ; a paper under revision explaining the use of CMSC for diagnosis is available from http://www.irisa.fr/distribcom/benveniste/pub/Diagnosis_CMSC.pdf
- Albert Benveniste, Claude Jard, Ajay Kattapur, Sidney Rosario, and John A. Thywissen. QoS-Aware Management of Monotonic Service Orchestrations. Under revision. Available from http://www.irisa.fr/distribcom/benveniste/pub/QoS_WS.pdf [*This paper summarizes the best of our work on QoS aware management of service orchestrations*]