

# Nicolas Halbwachs

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Main research topics:

- Formal methods for designing critical systems
- Synchronous programming: design, with Paul Caspi, of the synchronous language Lustre.
- Program analysis by abstract interpretation, numerical properties, analysis of programs with arrays.
- Model-checking, symbolic bisimulation.



[www-verimag.imag.fr](http://www-verimag.imag.fr)