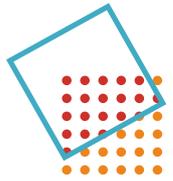# Abdoulaye Gamatié
CNRS Research Scientist at LIRMM, Montpellier

Laboratoire
Informatique
Robotique
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- **Currently:** architecture exploration for future embedded high-performance systems, since 2013

- **Previously:** design and analysis of multi-clock and data-intensive applications on MultiProcessor Systems-on-Chip (MPSoCs), 2000 – 2013
  - Signal language: design, analysis and compilation of programs
  - Repetitive Structure Modeling: multidimensional reactive dataflow modeling and analysis
  - Design space exploration for MPSoC w.r.t. correctness, performance and energy consumption

Abdoulaye Gamatié

Designing Embedded Systems with the SIGNAL Programming Language

Synchronous, Reactive Specification

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