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Editor of the Scientific Programming journal. His current research interests include data streaming, web-based and internet-based computing, middleware for adaptive distributed systems, concurrent programming models and languages, and software verification. Dr. Varela's research has been partially funded by grants from the National Science Foundation (including the CAREER award,) the Air Force Office of Scientific Research, and industry (IBM, Amazon, Google). Dr. Varela is the author of "Programming Distributed Computing Systems: A Foundational Approach" (MIT Press, 2013). For more information on his group's research, please visit the Worldwide Computing Lab Home Page at <http://wcl.cs.rpi.edu/>.