



Roseli S. Wedemann has accomplished undergraduate and masters studies in physics and doctoral research in computer science at the Federal University of Rio de Janeiro.

She is currently a professor of the Institute of Mathematics of the University of the State of Rio de Janeiro. Her research and publications have recently focused on theoretical and computational models of complex systems, with emphasis on computational psychology and neuroscience and artificial neural networks, applying theoretical tools from statistical mechanics.

She teaches undergraduate courses and participates in the Computational Science post-graduate program of her university. She coordinated the development of the project for the creation of this Computational Science program and has headed the program from 2014 to 2017.

Roseli has participated in the organization of various international conferences, and in particular, in the steering committee of the International Conference on Neural Networks (ICANN). She is currently an elected member of the Executive Committee of the European Neural Network Society (ENNS) since 2020. She has served in the editorial board and as a reviewer for various renowned scientific journals and for various Brazilian science funding agencies.