

## Short CV

Professor Antti J. Niemi received his Ph.D. degree in Theoretical High Energy Physics in 1983, from Department of Physics, Massachusetts Institute of Technology, Cambridge, USA. Currently, he is a tenured professor at the Nordic Institute for Theoretical Physics. He also holds professor positions at the Uppsala University and Beijing Institute of Technology and is the Directeur de Recherche (DR1), CNRS at the Institut Denis Poisson, Tours, France. He also held a number of professor and research positions in the USA, Brazil, Finland, and China. He collaborates with scientists worldwide. He is a member of Royal Society of Sweden (since 1994) and of the Finnish Society of Sciences and Letters (since 2000). He authored or co-authored 200 papers.

Professor Niemi's research interests concentrate on Mathematical Physics, from High Energy to Biological Physics. He developed a unique theory of protein folding, which is based on the concept of dark-soliton solutions of Discrete Nonlinear Schroedinger Equation. Recently he directed his interests towards time crystals, in which field he tightly collaborates with Professor Frank Wilczek, now a part-time Professor at Stockholm University.