

Short Bio Professor Nadia Magnenat Thalmann

Professor Thalmann is Director of MIRALab at the University of Geneva, a ground breaking research lab developing Virtual Humans and Social Robotics. She and her team has authored dozens of books, published more than 600 papers on virtual humans/virtual worlds and social robots. Professor Thalmann has delivered more than 300 keynote addresses, some of them at global events as the World Economic Forum in Davos. During her illustrious career, she has worked in NTU in Singapore as the Director of the interdisciplinary Institute for Media Innovation. She participated in more than 50 European research projects, helping MIRALab to develop revolutionising interdisciplinary research in computer graphics, computer animation, and virtual worlds and producing impactful work that synergises art, fashion, computer graphics and cultural heritage simulations. Some recent work includes the 3D see through virtual patient. In NTU, Singapore, she revolutionized social robotics by unveiling the first social robot Nadine that can have mood and emotions and remember people and actions. Besides having bachelor's and master's degrees in disciplines such as psychology, biology, chemistry and computer science, Professor Thalmann completed her PhD in quantum physics at the University of Geneva. She has received honorary doctorates from Leibniz University of Hannover and the University of Ottawa in Canada and several prestigious other awards as the Humboldt Research Award in Germany. She is Editor-in-Chief of The Visual Computer, co-Editor-in-Chief of Computer Animation and Virtual Worlds. She is a life member of the Swiss Academy of Engineering Sciences.