Nadia Magnenat Thalmann -   3 pages CV

www.miralab.ch

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Researchgate Nadia Thalmann

https://en.wikipedia.org/wiki/Nadia_Magnenat_Thalmann

Google scholar: 92   Citations: 31670 (up to May 2022)

Degrees

1977	**Ph.D. in Quantum Physics (summa cum laude)**	University of Geneva, Switzerland
	"Visualization of approximate solutions of the Schrödinger wave equation"	
1975	**Postgraduate Certificate in Computer Science and Mathematics**	EPFL Lausanne, Switzerland
1972	**Postgraduate Certificate in Statistics and Computer Science**	University of Geneva, Switzerland
1970	**Diploma in Biochemistry (MSc)**	University of Geneva, Switzerland
1966	**License in Biology, option Psychology**	University of Geneva, Switzerland

Main Positions

1989 – Present	**Professor, Founder and Director of MIRALab, CUI, University of Geneva, Switzerland**
2009 – 2021	**Visiting Professor at the School of Computer Science and Engineering (SCSE) in Nanyang Technological University (NTU), Singapore** **Director of the Institute for Media Innovation (IMI), NTU, Singapore**
2003 - 2006	**Vice-Rector, University of Geneva**
2000 – 2003	**Director of CUI (Computer Science Research Center), University of Geneva, Switzerland**
1978 - 1989	**Assoc Prof and full Professor at HEC, University of Montreal, Canada**
1977 -1978	**Asst Professor, University Laval, Quebec, Canada**

A few words about MIRALab: **I founded this lab first in Canada and then again at the University of Geneva. The originality of this lab is to have grouped together at a very early stage (1985) an interdisciplinary team composed of computer scientists, designers, artists, various engineers, and medical doctors, which in 1985 was extremely novel in an academic institution.**

A few words about IMI, **NTU, Singapore: I started this Institute that became very successful in social robotics, VR and Virtual Humans. Under my leadership, many top publications have been**

produced by an interdisciplinary team. The research about Nadine has generated more than 200 articles in Newspapers and TV shows and produced the highest NTU citations downloads (as stated by former NTU President Bertil Andersson during the state of the University Ceremony).

Major Honours and Awards

2021   **Selected among four Women Scientists in History of Francophony, China, March 8, 2021**

2019   Selected in the Wall of Fame of computer Graphics Scientists, Heinz Nixdorf Museum's Forum, Germany

2012   Humboldt Research Award in computer science, Alexander von Humboldt Foundation, Germany

2012   The Canadian Human Computer Communications Society Achievement Award, Canadian Human Computer Communications Society, Canada

2010   Honorary Doctorate from the University of Ottawa, Canada, June 04, 2010

2010   Eurographics Distinguished Career Award 2010 at the opening session of EG2010, Linköping University, May 2010

2009   Dr. Honoris Causa in Natural Sciences from the Leibniz University of Hannover, Hannover, January 22, 2009

1997   Elected Member of the Swiss Academy of Engineering Sciences, Bern, Switzerland

1987   Elected Woman of the year in the greater Montreal, category science, Canada

Supervision of master's and PhDs

- **Supervised more than 60 MSc in visualization, animation, 3D fashion modelling, 3D cultural heritage, through the interdisciplinary Master Program Information System for which I was responsible at the University of Geneva.**
- **Supervised 42 PhD students (in Canada, in Geneva and in Singapore). The most recent one this year in Geneva is Eva Baka, who has worked on EEG and HCI with social robots and Virtual Humans, Simon Sénécal in 2021 who worked on the simulation of salsa dancers in VR, and Yvain Tisserand who defended his PhD on the Simulation of the ancient Basque Pelota in VR, an ancient Gaelic game.**

Keynotes or Invited Talks

I have been invited to give more than 350 talks in various settings, high research forums and top conferences as well as public forum like the World Economic Forum in Davos.

Consult full CV

List of Publications including books and books chapters

I have contributed to more than 700 publications, many of them in top journals and conferences. I have collaborated to more than 50 books in various fields of computer science and robotics
Consult full list of publications

3D Films, Live Shows, Demos and Press files

1. **Press file on the early research in Canada** **Press articles**
2. **More than hundred demos and films produced at MIRALab (Canada and University of Geneva)**
   https://www.youtube.com/user/MIRALab/videos
3. **Press articles on research on Nadine social robot**
    Part1   Part2
4. **Technical Demos and films produced on Nadine social robot YouYube Channel**
   https://www.youtube.com/channel/UC6j_1o_Xprj4wt-A5KHAg7Q/videos
5. TV Press (https://www.youtube.com/playlist?list=PLoWgnh2xIlkAD0LNCP31LEav4KGj0gYGF)

Recent Participation to Scientific Advisory Boards

- CRI (Center for Research and Interdisciplinarity), University of Paris
- **European Research Council for advanced grants in Computer Science (ERC)**
- **Ana Avatar Prize advisory committee, Los Angeles**
- **Cyens Centre (Research Centre in Interactive Media, Smart Systems and Emerging Technologies), Cyprus**
- **Shanghai tech, Dpt Computer Science, Shanghai, China**
- **Xinghua University, Dpt Computer Science, Beijing, China**
- **Institute Mines Telecom, Paris**
- **Dpt Computer Science, Technical University of Vienna**
- **Review of Hong Kong Universities in Computer Science**
  and many others…

Recent Editorial responsibilities

Editor-in-Chief of the Visual Computer (Springer) since
Co- Editor-in-Chief of the Computer Animation and Virtual Worlds, CAVW (Wiley)
Assoc. Editor of Graphical Models, Elsevier
Assoc. Editor of Computational Geometry, Elsevier
Assoc. Editor of Frontiers in Robotics,
and other journals.

Conference Organizations as chair or co-chair

Organizations of academic conferences, mainly CASA (Computer Animation and Social Agents), CGI (Computer Graphics International), several conferences IEEE, and others. President of the Computer Graphics Society (CGS).