1. Team

- **Director**
  Magnenat-Thalmann Nadia, Professor

- **Senior researchers (MER, MA, Post-Doc)**
  Cuel Louis

- **Assistants (PhD students)**
  Becker Matthias
  Chincisan Andra
  Sénécal Simon
  Tisserand Yvain

- **Developers / Designers**
  Arévalo Marlène
  Cadi-Yazli Nedjma

- **Internship Fellow**
  Garcia David

- **Visiting Academic Guests**
  Rui Filipe Antunes
  Tang Min
  Zang Fanglue

- **Administration**
  Broi Lara

2. Domain activities

- **Description of the activities of the laboratory research**

  MIRALab was founded in 1989 by Professor Nadia Magnenat-Thalmann and has brought together PhD students and researchers from different fields, such as computer science, 3D graphics, 3D simulation, social robotics, 3D fashion design, and cognitive science. This truly
interdisciplinary group continues to work in the field of medical informatics, virtual worlds and virtual humans.

Since 1992, MIRALab has participated in more than 50 European Projects and contributes to the management of two International Conferences, CASA and CGI. Moreover, MIRALab produces 3D showcases for museums, galleries, such as fashion shows with virtual models and clothes. In 2015, MIRALab was working on the following projects: ANINEX, ITN-DCH, MULTISCALEHUMAN and REPLAY.

The following are some images of our work:

MultiScaleHuman project: case study of soccer player (part I) – recreating the soccer player in 3D

MultiScaleHuman project: case study of soccer player (part II) – multi-scale visualization of the knee

RePlay project: Preserving traditional participative sports – simulation in 3D of Gaelic games & Basque sports
ITN-DCH project: case study of Asinou church - recreating the pope in 3D

- **Website**: [http://www.miralab.ch](http://www.miralab.ch)

**3. PhD Thesis**

- **Lazhari Assassi**
  ‘Biomechanical modeling of the hip joint during extreme movements’
  June, 2015

**4. List of publications – Refereed papers in international journals**


- Z. Yumak and N. Magenat Thalmann, **Multimodal and Multi-party Social Interactions, Context Aware Human-Robot and Human-Agent Interaction**, Springer International Publishing, 275-298, September 26, 2015

- J. Zhang, J. Zheng and N. Magenat Thalmann, **Modeling Personality, Mood, and Emotions, Context Aware Human-Robot and Human-Agent Interaction**, Springer International Publishing, 211-236, September 26, 2015

- Z. Zhang, A. Beck and N. Magenat Thalmann, **Human-Like Behavior Generation Based on HeadArms Model for Tracking External Targets and Body Parts**, IEEE Transactions on Cybernetics (IF: 3.469), vol. 45, Issue. 8, September 18, 2015


5. & 6. List of publications – Full refereed papers in Conference & Workshops Proceedings


• Y. Tisserand and N. Magnenat Thalmann, **Image-based 3D Avatar for Virtual Try-on Applications**, Photogrammetric Week 2015, University of Stuttgart, Germany, September 7-11, 2015


7. List of publications – Books

- N. Magnenat Thalmann, J. Yuan, D. Thalmann and B.-J. You (Eds.), *Context Aware Human-Robot and Human-Agent Interaction*, Springer, XIII, 298 p. 143 illus., 2015

8. List of publications – Book chapters


9. List of publications – Research and technical reports

Several technical reports for the following projects: ANINEX, ITN-DCH, MULTISCALEHUMAN and REPLAY.

10. International and national advisory committees

<table>
<thead>
<tr>
<th>Year</th>
<th>Role and Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-2016</td>
<td>Member of the Scientific Council of the Institute of Mines-Telecom, Paris, France</td>
</tr>
<tr>
<td>2013-2016</td>
<td>Expert on the advanced grant panel of the European Research Council (ERC)</td>
</tr>
</tbody>
</table>

11. International and national Research Programs Committees
(Include here any participation as Evaluator to EU/US/SNF/Other research programs)

- ICACCI-2015, The 4th International Conference on Advances in Computing, Communications and Informatics, Kerala, India, August 2015
- ICAART 2015, The 7th International Conference on Agents and Artificial Intelligence, Lisbon, Portugal, January 2015


- Matthias Becker, Supervisor, University of Geneva, Switzerland
- Andra Chincisan, Supervisor, University of Geneva, Switzerland
- David Garcia, Supervisor, University of Geneva, Switzerland
- Simon Sénécal, Supervisor, University of Geneva, Switzerland
- Yvain Tisserand, Supervisor, University of Geneva, Switzerland
- Sara Trombella, Supervisor, University of Geneva, Switzerland

13. Conference organization as chair or co-chair

<table>
<thead>
<tr>
<th>Date</th>
<th>Conference</th>
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<tbody>
<tr>
<td>Oct. 2015</td>
<td>Conference Co-Chair, 14th ACM SIGGRAPH International Conference on Virtual Reality Continuum and Its Applications in Industry (VRCAI 2015), Kobe, Japan</td>
</tr>
<tr>
<td>June 2015</td>
<td>Program Chair, 32nd Computer Graphics International (CGI 2015), Strasbourg, France</td>
</tr>
<tr>
<td>May. 2015</td>
<td>Conference Chair, 28th International Conference on Computer Animation and Social Agents (CASA 2015), Singapore</td>
</tr>
<tr>
<td>Apr. 2015</td>
<td>Conference Chair, The 3rd International Conference on Computational Visual Media (CVM 2015), Beijing, China</td>
</tr>
</tbody>
</table>
15. Refereeing

- Jury of Ph.D. thesis for New Zealand, France, Sweden, Switzerland and Germany.
- European Union, FP7 Projects, Brussels.
- Research Grants Council of Singapore.
- Natural Sciences and Engineering Research Council of Canada.
- National Science Foundation USA.
- Swiss National Research Foundation.
- Austrian Research Foundation.

16. Editorial Responsibilities

Since 2014 Associate Editor, Frontiers in Robotics, Nature Publisher
Since 2010 Editorial Adviser of the journal of Graphical Models published by Elsevier
Since 2000 Editor-in-Chief of the Journal The Visual Computer published by Springer Verlag, Germany
Since 2000 Editor of the Journal of Computational Geometry published by Elsevier, Holland

18. Invited talks

- Keynote at ShanghaiTech University, Modelling the Human Body: from its External Appearance to the Hidden Multiscale Level, School of Information Science and Technology, ShanghaiTech University, Shanghai, China, November 13, 2015
  http://sist.shanghaitech.edu.cn/NewsDetail.asp?id=516

- SIGGRAPH ASIA 2015 course on Multimodal Human-Machine Interaction including Virtual Humans or Social Robots, Kobe, Japan, November 3, 2015
• Keynote at Ada Lovelace Festival, Virtual Humans and Social Robots: What are the Challenges, What they can Do?, Berlin, Germany, October 28, 2015
http://wiwo.konferenz.de/ada/programmuesbersicht/

• FT-ACI Smarter World Summit - Showing businesses how to engage with emerging technologies, Panel: Robots in a Commercial Environment, InterContinental Singapore, Singapore, October 8, 2015

• Lecture at University of Modena, Computer Graphics and 3D Reconstruction, Italy, September 21-24, 2015
http://imagelab.ing.unimore.it/imagelab/

• Keynote at the Photogrammetric Week 2015, Image-based 3D Avatar for Virtual Try-on Applications, Institute for Photogrammetry, University of Stuttgart, Germany, September 10, 2015
http://www.ifp.uni-stuttgart.de/phowo/2015/presentations/index.en.html

• Invited talk at Visual Computing Summer School, Social Robots & Virtual Humans: State of the Art and What is Next?, Shandong University, Qingdao, China, 20 July 2015
http://irc.cs.sdu.edu.cn/2015-summer-school/

• Keynote lecture at Computer Assisted Radiology and Surgery (CARS 2015), Modelling Human Joints: 20 Years of Research and Beyond, Barcelona, Spain, June 24-27, 2015
http://www.cars-int.org/program/program_overview.html?L=%2F

• Computer Assisted Radiology and Surgery (CARS 2015) - Workshop on Multiscale Digital Patient (MDP), Problems and Solutions to the Multiscale Approach, Barcelona, Spain, June 24-27, 2015
http://www.carsint.org/program/cars_tutorials_special_events/cars_workshop_on_multiscale_digital_patient_mdp.html

• Participation to a Panel at Conference on Future of The Doctorate, European Commission, Supervision and Quality Assurance, Riga, Latvia, May 28-29, 2015
https://future-doctorate.teamwork.fr/en/programme

http://conference.ntu.edu.sg/casa2015/Workshops/Pages/About_the_Workshop.aspx

• Invited talk at Conference on Smart Nation Innovations – Our Future. Now Interaction with Virtual Characters and Social Robots, Hotel Fort Canning, Singapore, April 22, 2015
https://www.smartnation.sg/innovations

• Invited talk at Workshop on Visual Computing for Social and Cognitive Robots (CVM 2015), Modelling Awareness and Social Behavior for Virtual Humans and Social Robots, Tsinghua University, Beijing, China, April 15, 2015
http://iccvm.org/2015/workshop/

19. Participation in TV and Radio Programs
20. Press Release

- **Nadine: the emotional robot receptionist**
  BBC World Service, 31 Dec 2015

- **Meet Nadine, the terrifyingly lifelike 'social robot' that looks and acts like its owner and could one day work in your office**
  Daily Mail Online, 29 Dec 2015

- **Meet Nadine, the eerily-realistic social robot that works as a receptionist**
  RedOrbit, 30 Dec 2015
  [http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/RedOrbit_160101_Meet%20Nadine%20the%20eerily-realistic%20social%20robot%20that%20works%20as%20a%20receptionist.pdf](http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/RedOrbit_160101_Meet%20Nadine%20the%20eerily-realistic%20social%20robot%20that%20works%20as%20a%20receptionist.pdf)

- **Meet Nadine, the terrifyingly lifelike 'social robot' that looks and acts like its owner and could one day work in your office**
  The Daily Mail Online, 29 Dec 2015

- **Meet Nadine, the eerily-realistic social robot that works as a receptionist**
  RedOrbit, 30 Dec 2015
  [http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/RedOrbit_160101_Meet%20Nadine%20the%20eerily-realistic%20social%20robot%20that%20works%20as%20a%20receptionist.pdf](http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/RedOrbit_160101_Meet%20Nadine%20the%20eerily-realistic%20social%20robot%20that%20works%20as%20a%20receptionist.pdf)

- **Scientists unveil social and telepresence robots**
  PHYS ORG, 29 Dec 2015

- **Singapore: Meet Nadine, the chatty robot that can remember past conversations**
  Ruptly, 29 Dec 2015

- **Meet Nadine, the eerily-realistic social robot that works as a receptionist**
  RedOrbit, 30 Dec 2015
  [http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/RedOrbit_160101_Meet%20Nadine%20the%20eerily-realistic%20social%20robot%20that%20works%20as%20a%20receptionist.pdf](http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/RedOrbit_160101_Meet%20Nadine%20the%20eerily-realistic%20social%20robot%20that%20works%20as%20a%20receptionist.pdf)

- **Scientists have built a 'social' robot with a personality**
  Newsweek, 30 Dec 2015
  [http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/Newsweek_160101_Nadine%20the%20social%20robot%20that%20can%20give%20you%20company.pdf](http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/Newsweek_160101_Nadine%20the%20social%20robot%20that%20can%20give%20you%20company.pdf)

- **Meet Nadine, the Social Robot Who Can Give You Company**
  NDTV, 30 Dec 2015

- **Say hello to ‘social’ robot Nadine**
  The Financial Express, 30 Dec 2015
  [http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/FinancialExpress_Nadine%20the%20social%20robot%20that%20can%20give%20you%20company.pdf](http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/FinancialExpress_Nadine%20the%20social%20robot%20that%20can%20give%20you%20company.pdf)

- **NTU develops social companion robots that mimic humans**
  Tamil Murasu, 30 Dec 2015
  [http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/TM_151230_Nadine%20the%20social%20robot%20that%20can%20give%20you%20company.pdf](http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/TM_151230_Nadine%20the%20social%20robot%20that%20can%20give%20you%20company.pdf)

- **New social robot Nadine has a personality**
United Press International, 30 Dec 2015

- **Scientists unveil Nadine, the world’s most human-like robot**
  International Business Times, 30 Dec 2015

- **New human-like social robot ‘Nadine’ developed**
  Times of India, 30 Dec 2015 (Also reported in The Business Standard, Design Products and Applications, Tech 2, Canada India News.)
  http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/TimesofIndia_151230_Scientists%20develop%20new%20human-like%20social%20robot%20Nadine.pdf

- **Nadine the social robot takes you straight to ‘Uncanny Valley’**
  MSN, 30 Dec 2015
  http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/MSNnews_151230_Nadine%20the%20social%20robot%20takes%20you%20straight%20to%20Uncanny%20Valley.pdf

- **WIRED Awake: Humanoid social robots could be the personal assistants of the future**
  Wired, UK, 30 Dec 2015

- **Scientists unveil world’s most human-like robot**
  Press TV, 30 Dec 2015

- **Nadine Is A Social Robot That Can Keep You Company**
  Ubergizmo, 30 Dec 2015

- **NTU Researchers Introduce Their New ‘Receptionist’ Nadine: The Intelligent Social Humanoid**
  Crazy Engineers, 30 Dec 2015
  http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/CrazyEngineers_151230_NTU%20Researchers%20Introduce%20Their%20Nadine.pdf

- **New social robot Nadine has a personality**
  Breitbart, 30 Dec 2015
  http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/Breitbart_151231_New%20social%20robot%20Nadine%20has%20a%20personality.pdf

- **Human-looking robots are here**
  WPTZ Burlington, 30 Dec 2015
  http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/WPTZ_151230_Human-looking%20robots%20are%20here.pdf

- **Say Hello to Nadine, a Robot Receptionist With Real Emotions**
  Details, 30 Dec 2015
  http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/Details_151230_Say%20Hello%20to%20Nadine%20a%20Robot%20Receptionist%20With%20Real%20Emotions.pdf

- **Say hi to ‘Nadine’ when you come to NTU**
  biotechin.asia, (Chinese) 30 Dec 2015 (Similar articles in ukchinese.com and Sohu.com)
Meet Nadine, the Most Human-Like ‘Social’ Robot Created So Far
Investigative Headline News, 30 Dec 2015

Scientists develop new human-like social robot ‘Nadine’ developed
The Economic Times, 30 Dec 2015

Meet Nadine, the social robot who can give you company
Yahoo News, 30 Dec 2015

Meet Nadine, the social robot who can give you company
Farandu Life, 30 Dec 2015

New ‘social robot’ has an actual personality
Science Recorder, 30 Dec 2015

Meet NTU’s robots, Nadine and Edgar
Omy, 30 Dec 2015

‘Social Robot Nadine’ Capable of Complex Thought, Has Personality
University Herald, 30 Dec 2015

NTU Unveils Nadine, One of Two Robots with Artificial Intelligence Software
The New Paper Online, 30 Dec 2015
http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Google/TNP.pdf

Nadine the social robot takes you straight to ‘Uncanny Valley’
cmdrkeene’s Blog, 30 Dec 2015

Meet Nadine, the social robot who can give you company
Pasion Noticias, 30 Dec 2015

Singapore’s NTU unveils social robot that ‘could be like Star Wars’ C-3PO’
Malaymail Online, 30 Dec 2015

Meet Nadine, The human-like social robot with soft skin, flowing hair and range of emotions
TechnoMauri, 30 Dec 2015

Meet Nadine, the Social Robot Who Can Give You Company
Equilibrio Informativo, 30 Dec 2015

Robot ‘Nadine’ Is The First Humanoid With Emotional Intelligence; University Employs Her As A Secretary.
Medical Daily, Dec 2015
Meet Nadine, the terrifyingly lifelike 'social robot' that looks and acts like its owner
newsusauk, 30 Dec 2015
http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Google/News%20USA%20UK.pdf

Say Hello to Nadine, a Robot Receptionist With Real Emotions
Details, 30 Dec 2015

Nadine the social robotic takes you straight to 'Uncanny Valley'
XENERO, 30 Dec 2015

Say hello to 'social' robot Nadine Tri-County Sun Times
Tri-Country Sun Times, 30 Dec 2015

Nadine Is a Robot That Remembers Your Past Conversations, Unlike Your Real Friends
Tech.Mic, 30 Dec 2015

Nadine the social robot takes you straight to 'Uncanny Valley'
Technology 2015, 30 Dec 2015

Say hello to 'social' robot Nadine
ABRUZZO, 30 Dec 2015

Nadine the social robot takes you straight to 'Uncanny Valley'
CTRLHELP, 30 Dec 215

Nadine, the Social Robot Who Can Give You Company
90's Gang, 30 Dec 2015

This humanoid robot is eerily lifelike
The Next Web News, 30 Dec 2015
http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Google/02_The%20Next%20Web%20News%20301215_This%20humanoid%20robot%20is%20eerily%20lifelike.pdf

Introducing Nadine, the world's most life-like robot
The Sun, 30 Dec 2015
http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/TheSun_151230_Scientists%20invent%20most%20human-like%20robot.pdf

Meet Nadine, the robot receptionist that thinks and acts like a human
The Daily Telegraph, 30 Dec 2015

Nadine the social robot takes you straight to 'Uncanny Valley'
Engadget, 30 Dec 2015
http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/Engadget_160101_Nadine%20social%20robot%20takes%20you%20straight%20to%20Uncanny%20Valley.pdf

Say hello to 'social' robot Nadine
newkerala.com, 30 Dec 2015
- Soft-skinned, brunette robot wants to be your friend
  New York Post, 31 Dec 2015

- Don't Give This Robot Attitude, She'll Throw It Right Back At You
  Fortune, 31 Dec 2015
  [http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/Fortune_1_60101_New%20Robot%20Can%20Call%20For%20Help%20And%20Carry%20A%20Tune%20-%20Fortune.pdf](http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/Fortune_1_60101_New%20Robot%20Can%20Call%20For%20Help%20And%20Carry%20A%20Tune%20-%20Fortune.pdf)

- Nadine – a lifelike robot engineered to look similar to her creator by Singapore university
  The Times Gazette, 31 Dec 2015

- NTU Singapore Researchers develop Humanoid Robot Nadine
  Northern Californian, 31 Dec 2015

- Humanoid Doppelganger Robot Nadine Gives People The Jitters
  Utah People's Post, 31 Dec 2015

- Chee Chew's take on Nadine, the companion robot
  The Straits Times, 31 Dec 2015
  [http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/ST_151231_Chee%20Chew%27%27%20take%20on%20Nadine%20the%20companion%20robot.pdf](http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Media_Coverage/ST_151231_Chee%20Chew%27%27%20take%20on%20Nadine%20the%20companion%20robot.pdf)

- Human/Like Robot 'Nadine' Who Has a 'Personality, Mood and Emotions' Unveiled in Singapore
  ABC News, 31 Dec 2015

- University unveils human looking robot
  Sky news, 31 Dec 2015

- Meet Nadine, a humanoid social robot created by NTU
  e27, 31 Dec 2015

- Rise Of The 'Social' Robots: NTU Singapore Unveils Nadine, The Chatty Receptionist
  Forbes, 31 Dec 2015

- Humanlike, Social Robot 'Nadine' Can Feel Emotions And Has A Good Memory, Scientists Claim
  International Business Time, 31 Dec 2015

- Human-looking 'social robot' revealed by Singapore University
  Belfast Telegraph, 31 Dec 2015
• Meet Nadine, the Most Human-Like ‘Social’ Robot Created So Far
  Nsmbc International, 31 Dec 2015

• Meet Nadine, the social robot that can keep you company
  Express, 31 Dec 2015

• Meet human-like social robot 'Nadine'
  The Tribune, 31 Dec 2015

• Meet Nadine: Creepy, New ‘Social Robot’ With a Personality
  Yibada, 31 Dec 2015

• NTU Singapore Develops Impressive Social Robot ‘
  West Texas News, 31 Dec 2015

• Meet Nadine, the social robot who can give you company
  Waltonian, 31 Dec 2015
  This Humanoid Social Robot Hold Natural Conversations
  Pddnet, 31 Dec 2015
  http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Google/Pddnet.pdf

• University in Singapore reveals new ‘human-looking social robot’, comparing it to Star Wars’ C-3PO
  Independent, 31 Dec 2015

• Nadine social robot looks eerily real
  Hot Recent News, 31 Dec 2015

• Scientists managed to create a Social Robot
  The Monitor Daily, 31 Dec 2015

• Meet Nadine, the terrifyingly lifelike 'social robot' that looks and acts like its owner and could one day work in your office
  Bublbe, 31 Dec 2015

• Singapore Scientists Develop Nadine, An Emotionally Intelligent Humanoid Robot
  ValueWalk, 31 Dec 2015

• Nadine, World’s Most Human-Like Robot, Might Take Your Job One Day
  SPUTNIK, 31 Dec 2015

• Human-Like Robot 'Nadine' Who Has a 'Personality, Mood and Emotions' Unveiled in Singapore
  ABC News, 31 Dec 2015
  http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Google/01_ABC%20News_311215_HumanLike%20Robot%2027Nadine%2027Who%20Has%20a%2027Personality%20Mood%20and%
Scientists Say The Robots Of The Future Are Going To Be Friendly And ‘Chatty’
MTV, 31 Dec 2015
http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Google/11_MTV_311215_Scientists%20Say%20The%20Robots%20Of%20The%20Future%20Are%20Going%20To%20Be%20Friendly%20And%20Chatty.pdf

Meet Nadine, the social robot that can keep you company
The Daily Express, 31 Dec 2015
http://imi.ntu.edu.sg/IMIResearch/Research_Areas/Nadine/Documents/Google/18_Daily%20Express_311215_Meet%20Nadine%20the%20social%20robot%20that%20can%20keep%20you%20company.pdf

Meet Nadine, the terrifyingly lifelike 'social robot' that looks and acts like its owner and could one day work in your office
International Business Times, 31 Dec 2015

21. Funded research projects – Participation to European projects

ANINEX
User Centred Computer Animation Techniques for Next Generation Digital Creation and Modelling
Period: December 2013 - November 2017
Type: European Research
MIRALab Total budget: CHF 188’000.-
MIRALab Budget 2015: CHF 47’000.-

Partners (5 partners):
- National Centre for Computer Animation, Bournemouth University – United Kingdom
- MIRALab, University of Geneva – Switzerland
- National Laboratory for Information Science and Technology, Tsinghua University – China
- The State Key Laboratory of Computer Science, Institute of Software, Chinese Academy of Sciences – China
- The State Key Laboratory of Computer Aided Design and Computer Graphics, Zhejiang University – China

ITN-DCH
Initial Training Network for Digital Cultural Heritage: Projecting our Past to the Future
Period: October 2013 - September 2017
Type: European Research
Website: http://www.itn-dch.org/
MIRALab Total budget: CHF 459’230.-
MIRALab Budget 2015: CHF 114’800.-

Partners (14 partners):
- Cyprus University of Technology - Cyprus
- National Technical University of Athens - Greece
- Universitaet Stuttgart – Germany
- Foundation for Research and Technology Hellas – Greece
- Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.v. - Germany

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- Katholieke Universiteit Leuven – Belgium
- Fondazione Bruno Kessler – Italy
- Centre National de la Recherche Scientifique - France
- Universidad de Murcia - Spain
- Univerzav Ljubljani - Slovenia
- Arctron 3d Vermessungstechnik-und Softwareentwincklungs Gmbh - Germany
- 7Reasons Medien Gmbh - Germany
- The University of Warwick – United Kingdom

**MULTISCALEHUMAN**  
*Multi-scale Biological Modalities for Physiological Human Articulation*  
Period: October 2011 – September 2015  
Type: European Research  
Website: [http://multiscalehuman.miralab.ch/](http://multiscalehuman.miralab.ch/)  
MIRALab Total budget: CHF 1’100’000.-  
MIRALab Budget 2015: CHF 162’500.-  

Partners (7 partners):  
- MIRALab, University of Geneva - Switzerland  
- Les Hôpitaux Universitaires de Genève – Switzerland  
- Universidade do Minho – Portugal  
- Medizinische Hochschule Hannover – Germany  
- Consiglio Nazionale Delle Ricerche - Italy  
- Softeco Sismat Srl – Italy  
- Gottfried Wilhelm Leibniz Universitaet Hannover – Germany

**REPLAY**  
*Reusable low-cost platform for digitizing and preserving traditional participative sports*  
Period: March 2013 - February 2016  
Type: European Research  
MIRALab Total budget: CHF 313’600.-  
MIRALab Budget 2015: CHF 104’500.-  

Partners (8 partners):  
- Fundacion Centro de Tecnologias de Interaccion Visual y Comunicaciones VICOMTECH – Spain  
- Dublin City University – Ireland  
- MIRALab, University of Geneva – Switzerland  
- IN2 Search Interfaces Development Limited – United Kingdom  
- Gaelic Athletic Association – Ireland  
- Centre For Research and Technology Hellas – Greece  
- Eusko Jaurlaritza-Gobierno Vasco – Spain  
- Vicon Motion Systems Limited – United Kingdom
22. Others

- CeBIT fair: “MultiScaleHuman project” at CeBIT, Hannover, Germany, 16-20 March 2015