



SOCRATES

Social Cognitive Robot Agents
in The European Society

FIRST SOCRATES PROJECT WORKSHOP REPORT

What does the future hold for SOCRATES ESRs, academic and industrial partners?



Duration: October 18-20, 2017

Host: Institut de Robòtica i Informàtica Industrial, CSIC-UPC

Location: Barcelona, Spain

Contributing authors

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Dedication

Dedicated to all SOCRATES partners that support the training of 15 PhD students and its consortium of seven universities/research institutes, three industrial partners, two end-user oriented partners, and three business oriented organisations.





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1 Introduction

The purpose of this report is to summarise the events that occurred at the first SOCRATES workshop held in Barcelona. Each ESR was given the opportunity to define their research project and set a foundation for future deliveries, and to identify methodological approaches that will be employed in the research process. All ESRs and partners project presentations were aligned in the field of social robotics for aged care. The workshop further stressed on possible methodologies and publication options that the research could tailor on.

This report was prepared by the SOCRATES ESR (Naomi Yvonne Mbelekani, Aleksandar Taranović, and Antonio Andriella) with the permission given by the coordinator (Thomas Hellström) and supervisory board committee. The general idea is that of debriefing those who attended and those who could not attend about what took place during the workshop, and as well as serve as a guide and inspiration for future SOCRATES workshops to come.

The writing of this workshop report constitutes a highlighted milestone in the SOCRATES Description of Action.



2 List of attendees: the research and academic partners

The below tables details those who were able to attend the workshop in Barcelona.

Institution	Names	
	Supervisors	ESRs
CSIC	Guillem Alenyà Aleksandar Jevtić Carme Torras	ESR8 – Aleksandar Taranović ESR9 – Antonio Andriella
UMU	Thomas Hellström Lennart Edblom	ESR4 – Michele Persiani. ESR6 – Maitreyee Tewari.
BGU	Yael Edan Galit Nimrod	ESR10 – Samuel Olatunji ESR15 – Naomi Yvonne Mbelekani
BRL	Praminda Caleb-Solly Sanja Dogramadzi	ESR12 – Antonella Camilleri ESR14 – Anouk Van Maris
FHG	Birgit Graf	ESR5 – Cagatay Odabasi ESR11 – Truong-Giang Vo
ORU		ESR7 – André Potenza ESR13 – Neziha Akalin
HAM	Stefan Wermter	ESR1 – Henrique Siqueira ESR2 – Alexander Sutherland

Video-call participants

Institution	Names
BGU	Raziel Riemer Hila Riemer
ORU	Alessandro Saffiotti



3 List of attendees: the industrial partners

The below tables details those who were able to attend the workshop.

Institution	Names
PAL Robotics, Barcelona, Spain (PAL-R)	Sara Terreri
Adele Robots (ADELE)	Celestino Alvarez
Asea Brown Boveri, S.A., Barcelona, Spain (ABB)	Jordi Ribatallada
Fundació ACE, Barcelona, Spain (FUN)	Joan Hernandez Farigola

Video-call participants

Institution	Names
Uminova Innovation AB, Sweden (UMINOVA)	Karl-Erik Johansson

4 List of attendees: the external researchers

The below tables details of external researchers who were chosen on a public call.

Institution	Names
Chin-Hsuan Chen	FHG
Katie Winkle	BRL
Vardit Sarne-Fleischman	BGU



5 The workshop process

The following pictures were taken during the first SOCRATES workshop held in the beauty that is Barcelona. The workshop was hosted by the IRI team, led by Guillem Alenyà.

NAMES	PICTURE	BRIEF DESCRIPTION
DAY ONE OF THE WORKSHOP (OCTOBER 18TH, 2017)		
Thomas Hellström (UMU)		The first SOCRATES workshop was opened by our dear Project Coordinator Thomas Hellström. He presented some of the fundamental elements of the project. The day started with a lot of excitement and enthusiasm as it was the first of many to come. This meeting could be called a gathering of the minds, as questions were asked and answers were given.
Guillem Alenyà (IRI)		The workshop organizing team were given the center stage as they highlighted their aims and objectives for the workshop, as well as to express their thoughts in hosting the first of many to come SOCRATES workshops.
Part of the SOCRATES team		Day one of the workshop was a day floating in feelings of excitement and anxiousness as the WP leaders and ESRs were given the stage to give a brief description of their work. In the end, a round table was organized.



SOCRATES ESR elections



After the presentation were over, the SOCRATES ESRs met up to elect their own representatives, and voted on who they wanted to represent them. All representatives were collectively accepted by everyone.

The SOCRATES student representative for the Supervisory Board was elected (Naomi Yvonne Mbelekani), the SOCRATES ambassadors were also elected (Antonio Andriella and Aleksandar Taranović), and the inventive project team (Samuel Olatunji and Truong-Giang Vo).

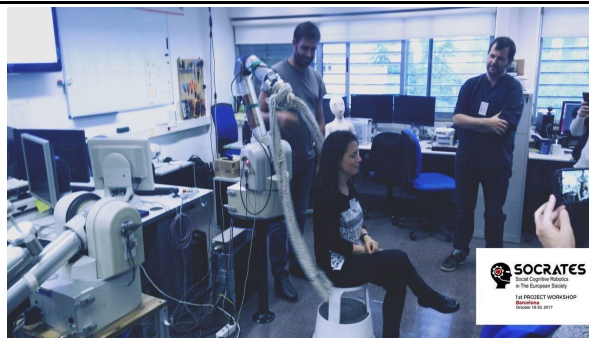
DAY TWO OF THE WORKSHOP (OCTOBER 19TH, 2017)

Presentation of Pal Robotics by Sarah Terreri



The second day started with presentations by Pal Robotics, ABB, Adele Robots, Fundacio ACE, and UMINOVA. In this time, ESRs got to learn more about industry partners involved in the project and what they have to offer. This helped in formulating networks and as well as with talks regarding secondments..

Visit to IRI labs



A visit to IRI labs was also one of the highlights of this day, as we all got to see the work that is being conducted at IRI.

Talk of Prof. Oussama Khatib



In the evening of the second day, we ended up at a public talk of the world distinguished scholar in robotics, Prof. Oussama Khatib. The talk, titled "The age of human-robot collaboration", was very insightful and well organized.



DAY THREE OF THE WORKSHOP (OCTOBER 20TH, 2017)

Lennart Edblom (UMU) giving a lecture



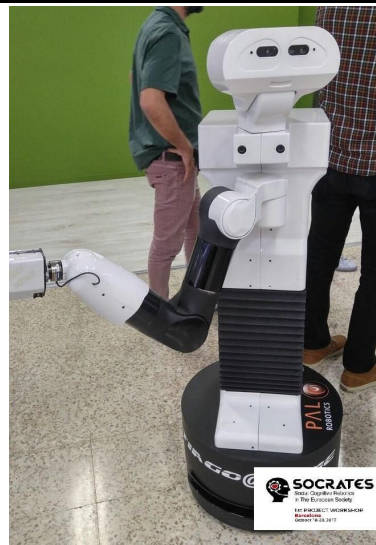
The third day of the workshop covered publication and research principles. All the ESRs got to learn more about how to go about producing quality research fit for publication.

Seminar 1: Research Quality
Thomas Hellström (UMU)

Seminar 2: Open Access
Publishing Standards Lennart Edblom (UMU)

Seminar 3: Responsible
Research Principles and
Authorship and Plagiarism
Jordi Domingo (UPC)

Visit to PAL robotics



One of the highlights of this day was the visit to Pal Robotics PAL, at which all ESRs got to see one of the Industry partners in action, the hows and what of the industry.

FINAL REMARKS



On the first day of the workshop, everyone received a bag of goodies from the hosts. For many, these goodies took the form of souvenirs, and the exciting atmosphere that the workshop presented. We thank the Barcelona team for their thoughtfulness in this regards, and especially the thought process and effort that put to delivering a high quality workshop which left the other to come running for their money.

6 Acknowledgments

We wish to thank everyone who participated in this workshop and those who helped in making it a success, we could not have done it without you all. First, we want to thank Marie Skłodowska-Curie Actions (MSCA-ITN-2016 – Innovative Training Networks funded by EC under grant agreement No 721619) for the opportunity, we are forever grateful. Secondly, we would like to acknowledge Professor Thomas Hellström (UMU, SOCRATES coordinator) and colleagues for creating a platform in which we the ERSs can gain in-depth and rich knowledge in carrying out our PhDs. Furthermore, the coordinating and organising committee that took time to schedule and plan this workshop, it was indeed a success. As the first SOCRATES workshop, it paved a way for others to follow, with principles to foster an increase interest in Social Robotics, Research and Development.

In addition, we wish to acknowledge the contributions made by Guillem Alenyà, Aleksandar Jevtić, and Carme Torras who made this workshop possible, your contributions will not go unnoticed, thank you. Victor Vilchez, Gerard Canal, and Anais Morales have been involved in many stages in organizing this workshop, from discussing the invitation for research/academic/ESRs/industrial partners, to sending off the booklets and T-shirts to the printers. In between, the booking of venues, food reservations, and sending gentle reminders to involved partners. This is the 1st workshop of its kind that has shepherded into success, and we are amazed by its contribution. ***Thank you, SOCRATES!***

As we search for more innovative ideas to better the life of the aged through social robotics, we hope to see you in Israel for our second workshop at Ben-Gurion University of the Negev.