



**New advances in Robot Assisted Therapy: a multidisciplinary approach
8-9 November 2012, Cluj-Napoca**

Day 1 – 8th of November 2012 – AVALON building, Republicii Street, No. 37

9:00-9:15: *Welcome to the participants & introduction*

- Professor Anca Dobrean, Ph.D. (Head of the Department of Clinical Psychology and Psychotherapy) & Professor Daniel David, Ph.D. (Director of The International Institute for the Advanced Studies of Psychotherapy and Applied Mental Health)

9:15-9:30: *Introduction of the workshop objectives*

- Professor Alina Rusu, Ph.D. & Professor Bram Vanderborght, Ph.D.

9:30-10:00: *Introduction in Autism Spectrum Disorders*

- Elena Predescu, M.D.

10:00-10:30: *Lessons learned from Animal Assisted Therapy for children with ASD*

- Professor Alina Rusu, Ph.D.

10:30-11:00: *Coffee break*

11:00-11:15: *About the social robot Probo, a friend for ASD children*

- Professor Bram Vanderborght, Ph.D.

11:15-12:00: *How to transform a robotic hardware in a worldwide solution for special education?*

- Olivier Joubert, Ph.D.

Junior researchers session

12:00-12:20: *Improving play and social skills in children with ASD*

- Cristina Pop, Ph.D. student

12:20-14:00: *Lunch*

14:00-14:20: *Perception studies for Robot Assisted Therapy for ASD*

- Ramona Simuț, Ph.D. student

14:20-14:40: *Motor cognition studies for ASD*

- Andreea Peca, M.A.

14:40-15:15: *Round table about junior researchers experiments*





14:15-16:00: *Developing customized computational models of mental states*

- Serge Thill, Ph.D.

16:00-16:30: *Coffee break*

16:30-17:15: *Autonomous social behavior for child-robot interaction*

- Professor Tony Belpaeme, Ph.D.

17:15-18:00: *Towards a Unified Framework for Intelligent Robotics*

- Professor Honghai Liu, Ph.D.

18:00-18:15: *Presentation on how to improve DREAM project (1)*

- Professor Tom Ziemke, Ph.D.

18:15-18:30: *Presentation on how to improve DREAM project (2)*

- Professor Bram Vanderborght, Ph.D.

19:30 – Dinner at “Hanul Dacilor” restaurant, Constantin Brâncuși Street, No. 86A.

Day 2 – 9th of November 2012 – AVALON building, Republicii Street, No. 37

9:00-9:45: *Therapeutic robots for children: A preliminary analysis of ethical problems*

- Professor Mark Coeckelbergh, Ph.D.

9:45-10:30: *Embodied cognition and social interaction*

- Professor Tom Ziemke, Ph.D.

10:30-10:50: *Advanced perception using Kinect sensor for ASD studies*

- Doru Cioclea, M.Sc.

10:50-11:20: *Coffee break*

11:30-12:00 *Presentation of Rotherapy and Virtual Reality Platform*

- Professor Daniel David, Ph.D.

12:00-13:30: *Lunch*

Session dedicated for improvements to the DREAM project

13:30-14:00: *Improvements for WP1*

- Professor Daniel David, Ph.D.

14:00-14:30: *Improvements for WP2*

- Professor Honghai Liu, Ph.D.





14:30-15:00: *Improvements for WP3*

- Serge Thill, Ph.D.

15:00-15:30: *Improvements for WP4*

- Professor Tony Belpaeme, Ph.D.

15:30-16:00: *Improvements for WP5*

- Professor Mark Coeckelbergh, Ph.D.

16:00-16:30: *Improvements for WP6*

- Professor Bram Vanderborght, Ph.D.

16:30-17:00: *Coffee break*

17:00-18:00: *Round table about DREAM project*

19:30 – Dinner at “Casa Ardeleană” restaurant, 21 Decembrie 1989 Boulevard, No. 5

