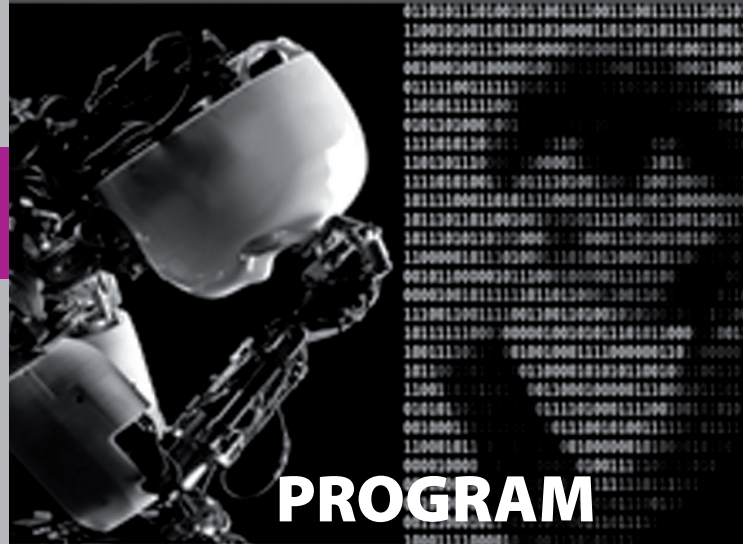


« Contemporary Technologies for Mental Health »

September 29-30, 2016

Université Montpellier 3,
Paul Valéry, Site Saint Charles
Rue du Professeur Henri SERRE
Montpellier, France



Thursday, 29 September 2016



13h30 - 13h50 **Welcome coffee**

13h50 - 14h00 Opening, **Benoît Bardy**, (Coordinator) and **Michel Brochard** (Project Officer) of the AlterEgo European Project

14h00 - 15h15 **1st session**

- **Didier Striker** : 3D virtual AlterEgo: from unstructured 3D point clouds to realistic virtual humans for real-time graphics applications

- **Robin Salesse and Catherine Bortolon** : Can we trigger automatic imitation using photo realistic avatars in schizophrenia patients ?

- **Eric Brunet** : Using affective agents to train social cognition : challenges and solutions

15h15-16h00 **Posters + AlterEgo demo**

Coffee break

16h00- 17h15 **2nd session**

- **Stéphane Raffard** : The effects of an avatar therapy for social functioning in schizophrenia patients (ALTEREGO therapy) : proof of concept study

- **Aude Billard** : Designing and using a humanoid robot to support schizophrenia research

- **Krasimira Tsaneva-Atanasova and Mario di Bernardo** : Individual motor signature, virtual players and coordination in the mirror game

17h30- 18h30 **Keynote Lecture**

Richard Schmidt : Means for Understanding Social Competence in Autism

Friday, 30 September 2016

08h30 - 09h00 **Welcome**

09h00 - 10h15 **3rd session**

- **Ali Oker** : Embodied Conversational Agents : How artificial emotional intelligence can be an asset in schizophrenia research ?

- **Ghiles Mostafaoui** : Entrainment effect and unintentional synchronization in Human Robot Interactions

- **Mauraine Carlier** : Physical activity, mental health and rehabilitation, using new technologies to improve pleasure and enjoyment during a moderate practice

10h15 - 11h00 **Posters + AlterEgo demo**

Coffee break

11h00 - 12h15 **4th session**

- **Pascale Piolino** : virtual reality for ecological studies on human memory

- **Fabrizio Flacco** : Robot Control for Safe Human Robot Collaboration

- **Zhong Zhao and Mathieu Guegnon** : Improvisation and similarity : how to improve social interaction ?

12h30 - 14h00 **Lunch**

14h00 - 15h00 **Keynote lecture**

- **Tom Ziemke**: Using Social Robots in Psychotherapy for Kids with Autism : the DREAM Project

15h00 - 15h30 **Posters +demo**

Coffee break

15h30 - 16h45 **5th session**

- **Diane Purper Ouakil** : NEWROFEED : a personalized neurofeedback protocol in ADHD

- **Vincent Henry** : Eye tracking and Autism spectrum disorder

- **Stéphane Bouchard** : Overview of virtual reality in mental health care, the example of anxiety disorders

16h45 - 17h00 **Closing The AlterEgo team**

Contact : d-capdevielle@chu-montpellier.fr



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