I was born in Paris, 18/9/64, France. I am married and have three kids. I received a M.S. in neurosciences from the University Pierre & Marie Curie (UPMC) and the *Ecole Normale Supérieure* in 1987, and a M.D. from Necker School of Medicine in 1992. I specialized in child and adolescent psychiatry and certified in 1993. My first field of research was severe mood disorders in adolescent, topic of his PhD in neurosciences (2002). I am Professor at the UPMC and head of the department of Child and Adolescent Psychiatry at La Salpêtrière hospital in Paris. I am also member of the lab *Institut des Systèmes Intelligents et de Robotiques - ISIR* (CNRS UMR 7222).

My group runs research programs in the field of autism spectrum disorder and learning disabilities, childhood onset schizophrenia, catatonia and severe mood disorder. I support a developmental and plastic view of child psychopathology, at the level of both understanding and treatment. My team proposes a multidisciplinary approach and therefore collaborates with molecular biologist, methodologist, experimental psychologist, sociologist and engineer. As a member of ISIR, I am collaborating with several engineers within the team *Integration Multimodale, Interaction et Signal Social* – IMI2S.

(see http://www.isir.upmc.fr/index.php?op=view_equipe&lang=fr&pageid=1096&id=2).

Indeed, there has been a growing attention towards the development of investigation techniques for a better understanding of child development. Identifying and analyzing the social signals exchanged during interaction is challenging. Manual annotation and evaluation are not enough as communication is a highly dynamic process requiring specific methods. In the past few years, many attempts have been made to develop computational models for human interaction analysis. Research works done on the emergent domain of social signal processing are dedicated to analysis of human behaviors. While most of the developed methods integrate at different levels knowledge from social sciences, few works have been done on real clinical situations. In the same time, robotics offers a relevant framework for both clinical and assistive applications due to the learning and agentivity skills of robots. They have been intensively employed for the design of socially assistive devices aiming at providing encouragements and helps during complex tasks. Our aim is to develop research activities to fill the gap between these communities by gathering researchers and practitioners active in the field of child development, social signal processing and social robotics. We think that joint research across these communities will have a major impact on methodologies, problems and issues related to children with altered development (e.g. Autism Spectrum Disorder) or stressful context (e.g. severe neglect). Examples of current large collaborative studies are available at Michelangelo FP7 European project on autism and ICT or at SynedPsy ANR French project on synchrony as a marker of early development?

http://michelangelo-project.eu/index.php/en/

http://synedpsy.isir.upmc.fr/
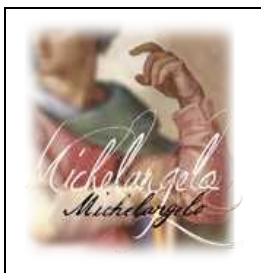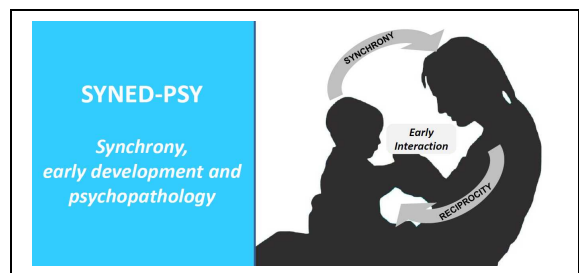
I have published numerous research papers (more than 150) including some in high impact journals such as the *American Journal of Psychiatry*, *Biological Psychiatry*, *PlosOne, Psychotherapy & Psychosomatics* and the *Journal of the American Academy of Child and Adolescent Psychiatry* (see http://speapsl.aphp.fr). Since the 7th edition, I am in charge of the most famous French text book of child psychiatry, first edited by Daniel Marcelli and Juan Ajuriaguerra (*Enfance et Psychopathologie*) that has been translated in most languages.

Besides my work as child psychiatrist, I also have painting and plastic activities. I participated in several solo exhibitions mostly in France (see http://www.dcohen.biz/). Since 2012, I have been appointed as member of the board of governors of the Bezalel Academy of Art of Jerusalem, Israel.