

The 39th International Seminar on Experiments and Surveys in Economics and Related Social Sciences

Date: 16:00-17:00 Tuesday, March 8, 2010

Speaker: Gianluca Esposito

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Venue: W9 Building, 6th floor, Room #626, Ookayama campus, Tokyo Institute of Technology

Title: Early Social and Motor Development in Autism Spectrum Disorder (ASD)

Abstract:

Several studies have highlighted that early intensive treatments can lead to a substantial improvement in the life conditions of children with Autism Spectrum Disorders (ASD). These studies have shown that children with ASD, diagnosed within the second year of life, have been able to reach a satisfactory living standard, autonomy, and to perform cognitive skills with competency. According to these evidences, early diagnosis and the study of predictors of the syndrome are extremely important.

Aims of this presentation is to discuss the possibility of distinguishing infants with ASD from those with typical development (TD) or developmental delay (DD) during the first two years of life. Results gained from our studies (Esposito et al. 2009a,b) have suggested that different pattern of social and motor functioning probably relate to different neuronal pathways to ASD. Implications of our results for diagnosis and treatment will be discussed.

References

Esposito G. & Venuti P. (2009) Comparative Analysis of Crying in Children with Autism, Developmental Delays, and Typical Development. *Focus on Autism and Other Developmental Disability*, 24(4) 240–247.

Esposito G., Venuti P., Maestro S., & Muratori F. (2009) Movement in infants with Autism Spectrum Disorder: The Analysis of Lying. *Brain and Development*, 31:131-138.

Moderator: Noboru Hidano