

**‘Specialization in ICTs and Special Education: Psychopedagogy
of Integration’ Postgraduate Program
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Philology in collaboration with
NCSR DEMOKRITOS Informatics and Telecommunications
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**INTERVENTION PROGRAMS USING SOCIAL ROBOTS FOR THE
SOCIO-EMOTIONAL EDUCATION OF PEOPLE WITH AUTISM**

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**POSTGRADUATE
THESIS**

Athens/Komotini
2021

ABSTRACT

This paper studies the intervention of social robots in children with diffuse developmental disorders in the Autism spectrum. The biggest deficit of these children is located in their socio-emotional skills. Robot assistants also aim this deficit so that they can diagnose, develop and improve both emotions and social skills. In recent years, robotic assistants are constantly being developed and evolving. These can be either human-like or animal-shaped. Researches are mainly concerned with skills related to eye contact, touch, and imitation. Researches show that people seem to respond positively to their interaction with social robots. They unlock skills and feelings more easily, as social robots as intervention tools have been observed to prevent these skills from declining.

Keywords: Autism, Diffuse Developmental Disorders, social robots, ICT, DSM V, socio-emotional development of people with autism, intervention in autism with robot assistants

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