

The future of HRI Paving the way to next generation of HRI

Pericle Salvini - p.salvini@sssup.it

Abstract

This full-day workshop aims at providing a state of the art overview on the recent researches and achievements in Human-Robot Interactions (HRI), as well as stimulating a fruitful and attractive discussion on the major challenges to be solved in future robot applications. The basic questions that the workshop will try to answer are: What are the major advances achieved in the last years related to HRI? What are the major challenges in HRI for future robots applications? Due to the nature of the intrinsic problems posed by HRI, the workshop will see the participation of an interdisciplinary group of experts not only in robotics, but also in cognitive sciences, neurosciences, linguists, design, human factors, sociology, psychology, ethics and also art. The workshop will consist of invited presentations given by keynote speakers in the field of HRI and related areas and a restricted number of presentations selected among the best contributions received as papers. A round table discussion will conclude the workshop to identify scientific and technological challenges in HRI that will enable applications of robots in real domains.