

MAJA J MATARIĆ PH.D.



DR. MATARIC IS A PROFESSOR OF COMPUTER SCIENCE AND NEUROSCIENCE DIRECTOR, CENTER FOR ROBOTICS AND EMBEDDED SYSTEMS, CO-DIRECTOR, ROBOTICS RESEARCH LAB, SENIOR ASSOCIATE DEAN FOR RESEARCH AT THE VITERBI SCHOOL OF ENGINEERING AT THE UNIVERSITY OF SOUTHERN CALIFORNIA DR. MATARIC RECEIVED HER PH.D., COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE FROM MIT.

A TRUE INNOVATOR IN THE FIELD, HER RESEARCH IS AIMED AT ENDOWING ROBOTS WITH THE ABILITY TO HELP PEOPLE, ESPECIALLY THOSE WITH SPECIAL NEEDS. HER GOAL IS TO GAIN NOVEL INSIGHTS INTO HUMAN BEHAVIOR AND COGNITION THROUGH HUMAN-MACHINE INTERACTION AND TO DEVELOPING ROBOTIC SYSTEMS CAPABLE OF PROVIDING PERSONALIZED ASSISTANCE INDIVIDUALLY IN CONVALESCENCE, REHABILITATION, TRAINING, AND EDUCATION, AS WELL AS IN HABITAT MONITORING AND EMERGENCY RESPONSE.

DR. MATARIC IS THE RECIPIENT OF NUMEROUS HONORS AND AWARDS. SHE IS A FELLOW OF AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE 2007 AND WAS NAMED WOMAN OF THE YEAR, VALLEY SUNSET DISTRICT BUSINESS AND PROFESSIONAL WOMEN ORGANIZATION IN 2007. SHE RECEIVED THE USC INNOVATIVE UNDERGRADUATE TEACHING AWARD AND THE USC VITERBI SCHOOL OF ENGINEERING SERVICE AWARD IN 2005.

SHE HAS REFEREED NUMEROUS JOURNAL ARTICLES, AND IS CO-EDITOR IN CHIEF OF THE JOURNAL OF SOCIAL ROBOTICS AND AN EDITORIAL BOARD MEMBER, ARTIFICIAL INTELLIGENCE JOURNAL. HER UPCOMING BOOK, "FROM FLOCKS OF BIRDS TO ROBOT HERDS: SYNTHESIZING ROBOT TEAMS AND SWARMS", IS SET TO BE PUBLISHED IN 2009.