

No	Author(s)	Title
1	Lynette Miller*, Danny Rodriguez*, Kristen Allen*, Maksim Makeev*, Jason Plew , Mathew Moore, and	Firebot: Design of an Autonomous Fire Fighting Robot
2	Jeremy Anderson, Michael Nechyba, A. Antonio Arroyo, and Eric M. Schwartz	Using A Bayes Classifier to Draw the First Down Line on a Football Field
3	John A. Martiney, Uriel Rodriguez, Michael Nechyba	An Automatable Implementation of Beamlets to Classify Frames of Triggered Lightning
4	Sinisa Todorovic, Michael Nechyba, and A. Antonio Arroyo	Image Multiresolution Discriminant Analysis for Vision-Guided Stability of Micro Air Vehicles
5	Rolando Panez, Maksim Makeev*, A. Antonio Arroyo, Eric M. Schwartz	A Centralized Associative Behavioral Robotic System
6	Kevin J. Walchko, David K. Novick, and Michael C. Nechyba	Development of a Sliding Mode Control System with Extended Kalman Filter Estimation for Subjugator
7	Kevin J. Walchko, Michael C. Nechyba, A. Antonio Arroyo, and Eric M. Schwartz	Embedded Low Cost Inertial Navigation System
8	Alex Silverman Luis Jimenez Michael Nechyba A. Antonio Arroyo Eric M. Schwartz	Hand Writing Recognition System for Musical Notes
9	Ashish Jain, A. Antonio Arroyo, Michael C. Nechyba, and Eric M. Schwartz	Our First Robot Soccer Player: Pele2
10	Ian A. Arroyo*, A. Antonio Arroyo, Eric M. Schwartz	The Integration of Robotics in Grade School to Promote Interest in Math and Science
11	TaeHoon A. Choi, Michael C. Nechyba, Eric M. Schwartz, A. Antonio Arroyo	Creation and Analysis of a Scenario Based Universal Sensory Driver Layer with Real-time Fault Tolerant Properties
12	Shalom Darmanjian, A. Antonio Arroyo, and Eric M. Schwartz	An Alternative Real-Time Image Processing Tool
13	Vinh Trinh, A. Antonio Arroyo, Eric M. Schwartz, and Michael C. Nechyba	A Color Detection Method for Introductory Robotics
14	Jason W. Grzywina, Jason Plew, Michael C. Nechyba and Peter G. Ifju	Enabling Autonomous MAV Flight
15	Jason Plew, A. Antonio Arroyo, and Eric M. Schwartz	Advances in the Application of the Evolvable Hardware Method to Autonomous Robot Design
16	John A. Martiney, and A. Antonio Arroyo	(T)ango (R)omeo (o)scar (Y)ankee: "A Talking Representation of Yourself"
17	Shalom Darmanjian, Sung Phil Kim, Michael C. Nechyba, Scott Morrison, Jose Principe, Johan Wessberg	Bimodal Brain-Machine Interface for Motor Control of Robotic Prosthetic
18	Rand Chandler, A. Antonio Arroyo, Michael C. Nechyba, and Eric M. Schwartz	Robot Navigation and Textural Analysis
19	A. Antonio Arroyo	A Prototype Natural Language Processing System for Small Autonomous Agents
20	Lavi M. Zamstein, A. Antonio Arroyo, and Michael C. Nechyba	{Hebrew} Letter Recognition in Autonomous Agents

\* Denotes Undergraduate Author