

Editor's Note: Special Issue on Robotics: Science and Systems

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Autonomous Robots gratefully acknowledges the editorial work of the scholars listed below on the special issue entitled “Robotics: Science and Systems”.

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This special issue contains the following fifteen papers:

- *Drone delivery systems: job assignment and dimensioning* by Pasquale Grippa, Doris A. Behrens, Friederike Wall, and Christian Bettstetter. <https://doi.org/10.1007/s10514-018-9768-8>
- *Learning control lyapunov functions from counterexamples and demonstrations* by Hadi Ravanbakhsh and Sri-ram Sankaranarayanan. <https://doi.org/10.1007/s10514-018-9791-9>
- *Enabling robots to communicate their objectives* by Sandy H. Huang, David Held, Pieter Abbeel, and Anca D. Drag- gan. <https://doi.org/10.1007/s10514-018-9771-0>
- *Optimal shape and motion planning for dynamic planar manipulation* by Orion Taylor and Alberto Rodriguez. <https://doi.org/10.1007/s10514-018-9773-y>
- *Asymptotically optimal kinematic design of robots using motion planning* by Cenk Baykal, Chris Bowen, and Ron Alterovitz. <https://doi.org/10.1007/s10514-018-9766-x>
- *‘I Choose... YOU!’ Membership preferences in human–robot teams* by Filipa Correia, Sofia Petisca, Patrícia Alves-Oliveira, Tiago Ribeiro, Francisco S. Melo, and Ana Paiva. <https://doi.org/10.1007/s10514-018-9767-9>
- *Robust direct trajectory optimization using approximate invariant funnels* by Zachary Manchester and Scott Kuindersma. <https://doi.org/10.1007/s10514-018-9779-5>
- *Dempster-Shafer theoretic resolution of referential ambiguity* by Tom Williams, Fereshta Yazdani, Prasanth Suresh, Matthias Scheutz, and Michael Beetz. <https://doi.org/10.1007/s10514-018-9795-5>
- *STEAP: simultaneous trajectory estimation and planning* by Mustafa Mukadam, Jing Dong, Frank Dellaert, and Byron Boots. <https://doi.org/10.1007/s10514-018-9770-1>
- *An inductance-based sensing system for bellows-driven continuum joints in soft robots* by Wyatt Felt, Maria J. Telleria, Thomas F. Allen, Gabriel Hein, Jonathan B. Pompa, Kevin Albert, and C. David Remy. <https://doi.org/10.1007/s10514-018-9769-7>
- *Grounding natural language instructions to semantic goal representations for abstraction and generalization* by Dilip Arumugam, Siddharth Karamcheti, Nakul Gopalan, Edward C. Williams, Mina Rhee, Lawson L. S. Wong, Stefanie Tellex. <https://doi.org/10.1007/s10514-018-9792-8>
- *Relaxed-rigidity constraints: kinematic trajectory optimization and collision avoidance for in-grasp manipulation* by Balakumar Sundaralingam and Tucker Hermans. <https://doi.org/10.1007/s10514-018-9772-z>
- *Distributed matroid-constrained submodular maximization for multi-robot exploration: theory and practice* by Micah Corah and Nathan Michael. <https://doi.org/10.1007/s10514-018-9778-6>
- *Improving Slip Prediction on Mars Using Thermal Inertia Measurements* by Christopher Cunningham, Issa A. Nesnas, and William Whittaker. <https://doi.org/10.1007/s10514-018-9796-4>
- *Design of a Partially-Coupled Self-Adaptive Robotic Finger Optimized for Collaborative Robots* by Lionel Birglen. <https://doi.org/10.1007/s10514-018-9802-x>

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