网络期刊-A

IEEE/ACM Transactions on Networking https://dblp.uni-trier.de/db/journals/ton/ton26.html
IEEE/ACM Transactions on Networking https://dblp.uni-trier.de/db/journals/ton/ton25.html
IEEE/ACM Transactions on Networking https://dblp.uni-trier.de/db/journals/ton/ton24.html
IEEE Journal of Selected Areas in Communications https://dblp.uni-trier.de/db/journals/jsac/jsac36.html

- Beam Tracking for UAV Mounted SatCom on-the-Move With Massive Antenna Array.

IEEE Journal of Selected Areas in Communications https://dblp.uni-trier.de/db/journals/jsac/jsac35.html

- Spectrum Sharing for Drone Networks.
- Caching in the Sky: Proactive Deployment of Cache-Enabled Unmanned Aerial Vehicles for Optimized Quality-of-Experience.

IEEE Journal of Selected Areas in Communications https://dblp.uni-trier.de/db/journals/jsac/jsac34.html
IEEE Transactions on Mobile Computing https://dblp.uni-trier.de/db/journals/tmc/tmc17.html

- SLIDE: A Straight Line Conflict Detection and Alerting Algorithm for Multiple Unmanned Aerial Vehicles.

IEEE Transactions on Mobile Computing https://dblp.uni-trier.de/db/journals/tmc/tmc16.html

- Route or Carry: Motion-Driven Packet Forwarding in Micro Aerial Vehicle Networks.
- Drone Path Planning for Secure Positioning and Secure Position Verification.
- On Theoretical Trajectory Planning of Multiple Drones To Minimize Latency in Search-and-Reconnaissance Operations.

IEEE Transactions on Mobile Computing https://dblp.uni-trier.de/db/journals/tmc/tmc15.html

- Energy-Efficient Cooperative Relaying for Unmanned Aerial Vehicles.

网络期刊-B

ACM Transactions on Internet Technology https://dblp.uni-trier.de/db/journals/toit/toit18.html
ACM Transactions on Internet Technology https://dblp.uni-trier.de/db/journals/toit/toit17.html
ACM Transactions on Internet Technology https://dblp.uni-trier.de/db/journals/toit/toit16.html
ACM Transactions on Multimedia Computing, Communications and Applications https://dblp.uni-trier.de/db/journals/tomccap/tomccap14.html
ACM Transactions on Multimedia Computing, Communications and Applications https://dblp.uni-trier.de/db/journals/tomccap/tomccap13.html
ACM Transactions on Multimedia Computing, Communications and Applications https://dblp.uni-trier.de/db/journals/tomccap/tomccap12.html
ACM Transactions on Sensor Networks https://dblp.uni-trier.de/db/journals/tosn/tosn14.html
ACM Transactions on Sensor Networks https://dblp.uni-trier.de/db/journals/tosn/tosn13.html
ACM Transactions on Sensor Networks https://dblp.uni-trier.de/db/journals/tosn/tosn12.html
IEEE Transactions on Communications https://dblp.uni-trier.de/db/journals/tcom/tcom66.html

- **Ultra Reliable UAV Communication Using Altitude and Cooperation Diversity.**
- **Caching UAV Assisted Secure Transmission in Hyper-Dense Networks Based on Interference Alignment.**

IEEE Transactions on Communications https://dblp.uni-trier.de/db/journals/tcom/tcom65.html

- **Downlink Coverage Analysis for a Finite 3-D Wireless Network of Unmanned Aerial Vehicles.**

IEEE Transactions on Communications https://dblp.uni-trier.de/db/journals/tcom/tcom64.html

- **Throughput Maximization for UAV-Enabled Mobile Relaying Systems.**

IEEE Transactions on Wireless Communications https://dblp.uni-trier.de/db/journals/twc/twc17.html

- **Massive MIMO for Communications With Drone Swarms.**
- **Joint Trajectory and Communication Design for Multi-UAV Enabled Wireless Networks.**
- **Trajectory Design for Completion Time Minimization in UAV-Enabled Multicasting.**
- **Beyond Empirical Models: Pattern Formation Driven Placement of UAV Base Stations.**
- **UAV-Aided Offloading for Cellular Hotspot.**
- **UAV-Enabled Wireless Power Transfer: Trajectory Design and Energy Optimization.**
- **UAV Offloading: Spectrum Trading Contract Design for UAV-Assisted Cellular Networks.**
- **Multiple UAVs as Relays: Multi-Hop Single Link Versus Multiple Dual-Hop Links.**

IEEE Transactions on Wireless Communications https://dblp.uni-trier.de/db/journals/twc/twc16.html

- **Energy-Efficient UAV Communication With Trajectory Optimization.**
- **Mobile Unmanned Aerial Vehicles (UAVs) for Energy-Efficient Internet of Things Communications.**
- **Wireless Communication Using Unmanned Aerial Vehicles (UAVs): Optimal Transport Theory for Hover Time Optimization.**

IEEE Transactions on Wireless Communications https://dblp.uni-trier.de/db/journals/twc/twc15.html

- **Unmanned Aerial Vehicle With Underlaid Device-to-Device Communications: Performance and Tradeoffs.**

人工智能期刊-A

IEEE Trans on Pattern Analysis and Machine Intelligence https://dblp.uni-trier.de/db/journals/pami/pami40.html
IEEE Trans on Pattern Analysis and Machine Intelligence https://dblp.uni-trier.de/db/journals/pami/pami39.html
IEEE Trans on Pattern Analysis and Machine Intelligence https://dblp.uni-trier.de/db/journals/pami/pami38.html
Journal of Machine Learning Research https://dblp.uni-trier.de/db/journals/jmlr/jmlr19.html
Journal of Machine Learning Research https://dblp.uni-trier.de/db/journals/jmlr/jmlr18.html

Journal of Machine Learning Research https://dblp.uni-trier.de/db/journals/jmlr/jmlr17.html

人工智能期刊-B

ACM Transactions on Applied Perception https://dblp.uni-trier.de/db/journals/tap/tap15.html
ACM Transactions on Applied Perception https://dblp.uni-trier.de/db/journals/tap/tap14.html
ACM Transactions on Applied Perception https://dblp.uni-trier.de/db/journals/tap/tap13.html
Computational Linguistics https://dblp.uni-trier.de/db/journals/coling/coling44.html
Computational Linguistics https://dblp.uni-trier.de/db/journals/coling/coling43.html
Computational Linguistics https://dblp.uni-trier.de/db/journals/coling/coling42.html
Evolutionary Computation https://dblp.uni-trier.de/db/journals/ec/ec26.html
Evolutionary Computation https://dblp.uni-trier.de/db/journals/ec/ec25.html
Evolutionary Computation https://dblp.uni-trier.de/db/journals/ec/ec24.html
IEEE Transactions on Affective Computing https://dblp.uni-trier.de/db/journals/taffco/taffco9.html
IEEE Transactions on Affective Computing https://dblp.uni-trier.de/db/journals/taffco/taffco8.html
IEEE Transactions on Affective Computing https://dblp.uni-trier.de/db/journals/taffco/taffco7.html
IEEE Transactions on Audio, Speech, and Language Processing https://dblp.uni-trier.de/db/journals/taslp/taslp26.html
IEEE Transactions on Audio, Speech, and Language Processing https://dblp.uni-trier.de/db/journals/taslp/taslp25.html

- **Swarm Intelligence Based Particle Filter for Alternating Talker Localization and Tracking Using Microphone Arrays.**

IEEE Transactions on Audio, Speech, and Language Processing https://dblp.uni-trier.de/db/journals/taslp/taslp24.html
IEEE Transactions on Cybernetics https://dblp.uni-trier.de/db/journals/tcyb/tcyb48.html

- **Set-Based Discrete Particle Swarm Optimization Based on Decomposition for Permutation-Based Multiobjective Combinatorial Optimization Problems.**

IEEE Transactions on Cybernetics https://dblp.uni-trier.de/db/journals/tcyb/tcyb47.html

- **A Q-Learning Approach to Flocking With UAVs in a Stochastic Environment.**
- **A Bio-Inspired Approach to Task Assignment of Swarm Robots in 3-D Dynamic Environments.**
- **Many-Objective Particle Swarm Optimization Using Two-Stage Strategy and Parallel Cell Coordinate System.**
- **Committee-Based Active Learning for Surrogate-Assisted Particle Swarm Optimization of Expensive Problems.**
- **A Novel Consensus-Based Particle Swarm Optimization-Assisted Trust-Tech Methodology for Large-Scale Global Optimization.**
- **An Adaptive Multiobjective Particle Swarm Optimization Based on Multiple Adaptive Methods.**
- **An External Archive-Guided Multiobjective Particle Swarm Optimization Algorithm.**

- **Segment-Based Predominant Learning Swarm Optimizer for Large-Scale Optimization.**
- **Adaptive Neural Network Control of a Flapping Wing Micro Aerial Vehicle With Disturbance Observer.**

- **Large-Scale Aerial Image Categorization Using a Multitask Topological Codebook.**
- **Coordination Between Unmanned Aerial and Ground Vehicles: A Taxonomy and Optimization Perspective.**
- **The k-Unanimity Rule for Self-Organized Decision-Making in Swarms of Robots.**
- **Stochastic Set-Based Particle Swarm Optimization Based on Local Exploration for Solving the Carpool Service Problem.**
- **A Survey on GPU-Based Implementation of Swarm Intelligence Algorithms.**
- **Particle Swarm Optimization With Interswarm Interactive Learning Strategy.**
- **Genetic Learning Particle Swarm Optimization.**
- **Prototype Generation Using Multiobjective Particle Swarm Optimization for Nearest Neighbor Classification.**

- **Particle Swarm Optimization With a Balanceable Fitness Estimation for Many-Objective Optimization Problems.**
- **A Level-Based Learning Swarm Optimizer for Large-Scale Optimization.**

- **Optimal Computing Budget Allocation for Particle Swarm Optimization in Stochastic Optimization.**
- **Impacts of Coefficients on Movement Patterns in the Particle Swarm Optimization Algorithm.**
- **Surrogate-Assisted Cooperative Swarm Optimization of High-Dimensional Expensive Problems.**

- **Analysis of Stability, Local Convergence, and Transformation Sensitivity of a Variant of the Particle Swarm Optimization Algorithm.**
- **An Analysis of the Inertia Weight Parameter for Binary Particle Swarm Optimization.**
- **Stability Analysis of the Particle Swarm Optimization Without Stagnation Assumption.**

- **Interpretability Constraints for Fuzzy Modeling Implemented by Constrained Particle Swarm Optimization.**

- **Fuzzy Integral With Particle Swarm Optimization for a Motor-Imagery-Based Brain-Computer Interface.**
IEEE Transactions on Fuzzy Systems https://dblp.uni-trier.de/db/journals/tfs/tfs24.html
IEEE Transactions on Neural Networks and learning systems https://dblp.uni-trier.de/db/journals/tnn/tnn29.html
IEEE Transactions on Neural Networks and learning systems https://dblp.uni-trier.de/db/journals/tnn/tnn28.html
IEEE Transactions on Neural Networks and learning systems https://dblp.uni-trier.de/db/journals/tnn/tnn27.html

- **Adaptive Position/Attitude Tracking Control of Aerial Robot With Unknown Inertial Matrix Based on a New Robust Neural Identifier.**
Neural Computation https://dblp.uni-trier.de/db/journals/neco/neco30.html
Neural Computation https://dblp.uni-trier.de/db/journals/neco/neco29.html
Neural Computation https://dblp.uni-trier.de/db/journals/neco/neco28.html
Autonomous Agents and Multi-Agent Systems https://dblp.uni-trier.de/db/journals/aamas/aamas32.html
Autonomous Agents and Multi-Agent Systems https://dblp.uni-trier.de/db/journals/aamas/aamas31.html

- **A novel abstraction for swarm intelligence: particle field optimization.**
Autonomous Agents and Multi-Agent Systems https://dblp.uni-trier.de/db/journals/aamas/aamas30.html

综合交叉期刊-A
Proceedings of the IEEE https://dblp.uni-trier.de/db/journals/pieee/pieee106.html
Proceedings of the IEEE https://dblp.uni-trier.de/db/journals/pieee/pieee105.html
Proceedings of the IEEE https://dblp.uni-trier.de/db/journals/pieee/pieee104.html
Journal of the ACM https://dblp.uni-trier.de/db/journals/jacm/jacm65.html
Journal of the ACM https://dblp.uni-trier.de/db/journals/jacm/jacm64.html
Journal of the ACM https://dblp.uni-trier.de/db/journals/jacm/jacm63.html

综合交叉期刊-B
Bioinformatics https://dblp.uni-trier.de/db/journals/bioinformatics/bioinformatics34.html
Bioinformatics https://dblp.uni-trier.de/db/journals/bioinformatics/bioinformatics33.html
Bioinformatics https://dblp.uni-trier.de/db/journals/bioinformatics/bioinformatics32.html
Briefings in Bioinformatics https://dblp.uni-trier.de/db/journals/bib/bib19.html
Briefings in Bioinformatics https://dblp.uni-trier.de/db/journals/bib/bib18.html
Briefings in Bioinformatics https://dblp.uni-trier.de/db/journals/bib/bib17.html
PLOS Computational Biology https://dblp.uni-trier.de/db/journals/ploscb/ploscb14.html

- **Physics-based simulations of aerial attacks by peregrine falcons reveal that stooping at high speed maximizes catch success against agile prey.**
PLOS Computational Biology https://dblp.uni-trier.de/db/journals/ploscb/ploscb13.html
PLOS Computational Biology https://dblp.uni-trier.de/db/journals/ploscb/ploscb12.html
IEEE Transactions on Medical Imaging https://dblp.uni-trier.de/db/journals/tmi/tmi37.html
IEEE Transactions on Medical Imaging https://dblp.uni-trier.de/db/journals/tmi/tmi36.html

IEEE Transactions on Medical Imaging

- A Hybrid Approach for Segmentation and Tracking of Myxococcus Xanthus Swarms.

IEEE Transactions on Geoscience and Remote Sensing

- LRAGE: Learning Latent Relationships With Adaptive Graph Embedding for Aerial Scene Classification.
- On the Performance of the Range Imaging Technique Estimated Using Unmanned Aerial Vehicles During the ShUREX 2015 Campaign.
- Convolutional SVM Networks for Object Detection in UAV Imagery.
- An Integrated Skeleton Extraction and Pruning Method for Spatial Recognition of Maize Seedlings in MGV and UAV Remote Images.

IEEE Transactions on Geoscience and Remote Sensing

- Retrieving Directional Gap Fraction, Extinction Coefficient, and Effective Leaf Area Index by Incorporating Scan Angle Information From Discrete Aerial Lidar Data.
- Precise Real-Time Detection of Nonforested Areas With UAVs.
- Multifrequency Particle Swarm Optimization for Enhanced Multiresolution GPR Microwave Imaging.
- AID: A Benchmark Data Set for Performance Evaluation of Aerial Scene Classification.
- Superresolution for UAV Images via Adaptive Multiple Sparse Representation and Its Application to 3-D Reconstruction.
- Parallax-Tolerant Aerial Image Georegistration and Efficient Camera Pose Refinement - Without Piecewise Homographies.
- Commercial Off-the-Shelf Digital Cameras on Unmanned Aerial Vehicles for Multitemporal Monitoring of Vegetation Reflectance and NDVI.
- Multiple Moving Object Detection From UAV Videos Using Trajectories of Matched Regional Adjacency Graphs.
- Subcategory-Aware Feature Selection and SVM Optimization for Automatic Aerial Image-Based Oil Spill Inspection.
- Wavelet-Based Optical Flow Estimation of Instant Surface Currents From Shore-Based and UAV Videos.
- Detection of Cars in High-Resolution Aerial Images of Complex Urban Environments.
- Learning Aerial Image Segmentation From Online Maps.
- Quasi-Polar-Based FFBP Algorithm for Miniature UAV SAR Imaging Without Navigational Data.
- High-Resolution Aerial Image Labeling With Convolutional Neural Networks.

IEEE Transactions on Geoscience and Remote Sensing

- Vehicle Detection in High-Resolution Aerial Images via Sparse Representation and Superpixels.
- Remote Sensing of 3-D Geometry and Surface Moisture of a Peat Production Area Using Hyperspectral Frame Cameras in Visible to Short-Wave Infrared Spectral Ranges Onboard a Small Unmanned Airborne Vehicle (UAV).
- Path Planning for GEO-UAV Bistatic SAR Using Constrained Adaptive Multiobjective Differential Evolution.
- Hierarchical and Adaptive Phase Correlation for Precise Disparity Estimation of UAV Images.

- Real-Time Object Tracking on a Drone With Multi-Inertial Sensing Data.
- Effective and Efficient Detection of Moving Targets From a UAV's Camera.
- METANET Validation of the Large-Scale Manchester Ring-Road Network Using Gradient-Based and Particle Swarm Optimization.
- Safety Assessment of a UAV CD&R System in High Density Airspace Using Monte Carlo Simulations.

- Taxonomy of Conflict Detection and Resolution Approaches for Unmanned Aerial Vehicle in an Integrated Airspace.
- Real-Time Bidirectional Traffic Flow Parameter Estimation From Aerial Videos.
- Intrusion Detection and Ejection Framework Against Lethal Attacks in UAV-Aided Networks: A Bayesian Game-Theoretic Methodology.
- Swarm-Inspired Modeling of a Highway System With Stability Analysis.
- On Detecting Road Regions in a Single UAV Image.
- An Enhanced Viola-Jones Vehicle Detection Method From Unmanned Aerial Vehicles Imagery.
- Proactive Drone-Cell Deployment: Overload Relief for a Cellular Network Under Flash Crowd Traffic.
- Sampling-Based Path Planning for UAV Collision Avoidance.
- Nonlinear Conflict Resolution and Flow Management Using Particle Swarm Optimization.

- Vehicle Detection in High-Resolution Aerial Images Based on Fast Sparse Representation Classification and Multiorder Feature.
- Dual-Objective Scheduling of Rescue Vehicles to Distinguish Forest Fires via Differential Evolution and Particle Swarm Optimization Combined Algorithm.
- Cognitive Chaotic UWB-MIMO Detect-Avoid Radar for Autonomous UAV Navigation.

IEEE Transactions on Robotics

- Steering a Swarm of Particles Using Global Inputs and Swarm Statistics.
- A Novel Robotic Platform for Aerial Manipulation Using Quadrotors as Rotating Thrust Generators.
- Full-Pose Tracking Control for Aerial Robotic Systems With Laterally Bounded Input Force.
- Guest Editorial Special Section on Aerial Swarm Robotics.
- A Survey on Aerial Swarm Robotics.
- Trajectory Planning for Quadrotor Swarms.
- A Distributed Control Approach to Formation Balancing and Maneuvering of Multiple Multirotor UAVs.
- Joint Coverage, Connectivity, and Charging Strategies for Distributed UAV Networks.
- Robotic Herding of a Flock of Birds Using an Unmanned Aerial Vehicle.
- Agile Coordination and Assistive Collision Avoidance for Quadrotor Swarms Using Virtual Structures.

IEEE Transactions on Robotics

- The Impact of Diversity on Optimal Control Policies for Heterogeneous Robot Swarms.
- Thrust Control for Multirotor Aerial Vehicles.
- Dynamics, Control, and Estimation for Aerial Robots Tethered by Cables or Bars.
- Probabilistic and Distributed Control of a Large-Scale Swarm of Autonomous Agents.
- Dexterous Aerial Robots - Mobile Manipulation Using Unmanned Aerial Systems.

IEEE Transactions on Robotics

- Moving Path Following for Unmanned Aerial Vehicles With Applications to Single and Multiple Target Tracking Problems.
- Ground and Aerial Mutual Localization Using Anonymous Relative-Bearing Measurements.
- Sensor Planning for a Symbiotic UAV and UGV System for Precision Agriculture.

IEEE Transactions on Automation Science and Engineering

- Planning and Control for Collision-Free Cooperative Aerial Transportation.
- State-of-the-Art Intelligent Flight Control Systems in Unmanned Aerial Vehicles.

IEEE Transactions on Automation Science and Engineering

- Visual-Inertial Navigation Systems for Aerial Robotics: Sensor Fusion and Technology.

- **Solving Feeder Assignment and Component Sequencing Problems for Printed Circuit Board Assembly Using Particle Swarm Optimization.**

IEEE Transactions on Automation Science and Engineering https://dblp.uni-trier.de/db/journals/tase/tase13.html
Journal of Computer Science and Technology https://dblp.uni-trier.de/db/journals/jcst/jcst33.html

- **A Flocking-Based on Demand Routing Protocol for Unmanned Aerial Vehicles.**
- **A Binary Particle Swarm Optimization for the Minimum Weight Dominating Set Problem.**

Journal of Computer Science and Technology https://dblp.uni-trier.de/db/journals/jcst/jcst32.html

- **A Novel Hardware/Software Partitioning Method Based on Position Disturbed Particle Swarm Optimization with Invasive Weed Optimization.**
- **Retrieving Aerial Scene Images with Learned Deep Image-Sketch Features.**

Journal of Computer Science and Technology https://dblp.uni-trier.de/db/journals/jcst/jcst31.html
Journal of the American Medical Informatics Association https://dblp.uni-trier.de/db/journals/jamia/jamia25.html
Journal of the American Medical Informatics Association https://dblp.uni-trier.de/db/journals/jamia/jamia24.html
Journal of the American Medical Informatics Association https://dblp.uni-trier.de/db/journals/jamia/jamia23.html
Science China Information Sciences https://dblp.uni-trier.de/db/journals/chinaf/chinaf61.html

- **Path planning for mobile robot using self-adaptive learning particle swarm optimization.**

Science China Information Sciences https://dblp.uni-trier.de/db/journals/chinaf/chinaf60.html

- **Autonomous reconfigurable hybrid tail-sitter UAV U-Lion.**
- **Development of an autonomous flapping-wing aerial vehicle.**
- **A survey on recent progress in control of swarm systems.**
- **Fault-tolerant cooperative control for multiple UAVs based on sliding mode techniques.**
- **Tight formation control of multiple unmanned aerial vehicles through an adaptive control method.**
- **Online schedule for autonomy of multiple unmanned aerial vehicles.**

Science China Information Sciences https://dblp.uni-trier.de/db/journals/chinaf/chinaf59.html

- **Detection of collapsed buildings with the aerial images captured from UAV.**
- **Variable thrust directional control technique for plateau unmanned aerial vehicles.**
- **A binocular vision-based UAVs autonomous aerial refueling platform.**

The Computer Journal https://dblp.uni-trier.de/db/journals/cj/cj61.html

- **A Multi-Machine Order Scheduling with Learning Using the Genetic Algorithm and Particle Swarm Optimization.**

- **Particle Swarm Optimization-Based Energy Efficient Channel Assignment Technique for Clustered Cognitive Radio Sensor Networks.**

The Computer Journal https://dblp.uni-trier.de/db/journals/cj/cj60.html
The Computer Journal https://dblp.uni-trier.de/db/journals/cj/cj59.html

网络会议-A

ACM International Conference on Mobile Computing and Networking
https://dblp.uni-trier.de/db/conf/mobicom/mobicom2017.html
- **Poster: Enabling Secure Location Authentication in Drone.**

ACM International Conference on Mobile Computing and Networking
https://dblp.uni-trier.de/db/conf/mobicom/mobicom2016.html
- **Tracking drone orientation with multiple GPS receivers.**
- **Cell tower extension through drones: poster.**

ACM International Conference on the applications, technologies, architectures, and protocols for computer communication https://dblp.uni-trier.de/db/conf/sigcomm/sigcomm2018.html
ACM International Conference on the applications, technologies, architectures, and protocols for computer communication https://dblp.uni-trier.de/db/conf/sigcomm/sigcomm2017.html
- **Drone Relays for Battery-Free Networks.**

ACM International Conference on the applications, technologies, architectures, and protocols for computer communication https://dblp.uni-trier.de/db/conf/sigcomm/sigcomm2016.html
IEEE International Conference on Computer Communications https://dblp.uni-trier.de/db/conf/infocom/infocom2017.html
- **An experimental reality check on the scaling laws of swarming systems.**

IEEE International Conference on Computer Communications https://dblp.uni-trier.de/db/conf/infocom/infocom2016.html

网络会议-B

ACM Conference on Embedded Networked Sensor Systems https://dblp.uni-trier.de/db/conf/sensys/sensys2017.html
- **A Machine Learning Approach for Identifying Mosquito Breeding Sites via Drone Images.**

ACM Conference on Embedded Networked Sensor Systems https://dblp.uni-trier.de/db/conf/sensys/sensys2016.html
- **Collaborative Localization and Navigation in Heterogeneous UAV swarms: Demo Abstract.**
- **Aerial Drones with Ears: Poster Abstract.**

ACM International Conference on emerging Networking EXperiments and Technologies https://dblp.uni-trier.de/db/conf/conext/conext2017.html
ACM International Conference on emerging Networking EXperiments and Technologies https://dblp.uni-trier.de/db/conf/conext/conext2016.html
IEEE Communications Society Conference on Sensor and Ad Hoc Communications and Networks https://dblp.uni-trier.de/db/conf/secon/secon2018.html
- **UABeam: UAV-Based Beamforming System Analysis with In-Field Air-to-Ground Channels.**

IEEE Communications Society Conference on Sensor and Ad Hoc Communications and Networks https://dblp.uni-trier.de/db/conf/secon/secon2017.html

- **Distributed Real-Time Multimodal Data Forwarding in Unmanned Aerial Systems.**

IEEE Communications Society Conference on Sensor and Ad Hoc Communications and Networks https://dblp.uni-trier.de/db/conf/secon/secon2016.html
International Conference on Information Processing in Sensor Networks https://dblp.uni-trier.de/db/conf/ipsn/ipsn2018.html
International Conference on Information Processing in Sensor Networks https://dblp.uni-trier.de/db/conf/ipsn/ipsn2017.html

- **3D through-wall imaging with unmanned aerial vehicles using wifi.**
- **Argus: realistic target coverage by drones.**
- **Video streaming in multi-hop aerial networks: demo abstract.**
- **Hybrid and adaptive drone identification through motion actuation and vision feature matching: poster abstract.**

International Conference on Information Processing in Sensor Networks https://dblp.uni-trier.de/db/conf/ipsn/ipsn2016.html
International Conference on Network Protocols https://dblp.uni-trier.de/db/conf/icnp/icnp2017.html
International Conference on Network Protocols https://dblp.uni-trier.de/db/conf/icnp/icnp2016.html
International Symposium on Mobile Ad Hoc Networking and Computing https://dblp.uni-trier.de/db/conf/mobihoc/mobihoc2018.html
International Symposium on Mobile Ad Hoc Networking and Computing https://dblp.uni-trier.de/db/conf/mobihoc/mobihoc2017.html

- **Multipath TCP Path Scheduler for Drones: A Segregation of Control and User Data.**

International Symposium on Mobile Ad Hoc Networking and Computing https://dblp.uni-trier.de/db/conf/mobihoc/mobihoc2016.html
International Conference on Mobile Systems, Applications, and Services https://dblp.uni-trier.de/db/conf/mobisys/mobisys2018.html

- **When Autonomous Drones Meet Driverless Cars.**

International Conference on Mobile Systems, Applications, and Services https://dblp.uni-trier.de/db/conf/mobisys/mobisys2017.html

- **Matthan: Drone Presence Detection by Identifying Physical Signatures in the Drone's RF Communication.**
- **Indoor Follow Me Drone.**

International Conference on Mobile Systems, Applications, and Services https://dblp.uni-trier.de/db/conf/mobisys/mobisys2016.html

- **Reactive Control of Autonomous Drones.**

International Workshop on Quality of Service https://dblp.uni-trier.de/db/conf/iwqos/iwqos2017.html
International Workshop on Quality of Service https://dblp.uni-trier.de/db/conf/iwqos/iwqos2016.html
Internet Measurement Conference https://dblp.uni-trier.de/db/conf/imc/imc2017.html
Internet Measurement Conference https://dblp.uni-trier.de/db/conf/imc/imc2016.html
Network and Operating System Support for Digital Audio and Video https://dblp.uni-trier.de/db/conf/nossdav/nossdav2018.html
Network and Operating System Support for Digital Audio and Video https://dblp.uni-trier.de/db/conf/nossdav/nossdav2017.html
Network and Operating System Support for Digital Audio and Video https://dblp.uni-trier.de/db/conf/nossdav/nossdav2016.html

人工智能会议-A

AAAI Conference on Artificial Intelligence https://dblp.uni-trier.de/db/conf/aaai/aaai2018.html

- SPOT Poachers in Action: Augmenting Conservation Drones With Automatic Detection in Near Real Time.

AAAI Conference on Artificial Intelligence https://dblp.uni-trier.de/db/conf/aaai/aaai2017.html

- Visual Object Tracking for Unmanned Aerial Vehicles: A Benchmark and New Motion Models.

AAAI Conference on Artificial Intelligence https://dblp.uni-trier.de/db/conf/aaai/aaai2016.html

- Artificial Swarm Intelligence, a Human-in-the-Loop Approach to A.I.

IEEE Conference on Computer Vision and Pattern Recognition https://dblp.uni-trier.de/db/conf/cvpr/cvpr2017.html

- Flight Dynamics-Based Recovery of a UAV Trajectory Using Ground Cameras.
- Predicting Ground-Level Scene Layout from Aerial Imagery.

IEEE Conference on Computer Vision and Pattern Recognition https://dblp.uni-trier.de/db/conf/cvpr/cvpr2016.html

- Regularity-Driven Building Facade Matching between Aerial and Street Views.
- Learning to Match Aerial Images with Deep Attentive Architectures.
- HD Maps: Fine-Grained Road Segmentation by Parsing Ground and Aerial Images.
- UAVSensor Fusion with Latent-Dynamic Conditional Random Fields in Coronal Plane Estimation.
- Cataloging Public Objects Using Aerial and Street-Level Images - Urban Trees.

International Conference on Computer Vision https://dblp.uni-trier.de/db/conf/iccv/iccv2017.html

- DeepRoadMapper: Extracting Road Topology from Aerial Images.
- Drone-Based Object Counting by Spatially Regularized Regional Proposal Network.
- Submodular Trajectory Optimization for Aerial 3D Scanning.

International Conference on Machine Learning https://dblp.uni-trier.de/db/conf/icml/icml2018.html
International Conference on Machine Learning https://dblp.uni-trier.de/db/conf/icml/icml2017.html
International Conference on Machine Learning https://dblp.uni-trier.de/db/conf/icml/icml2016.html
International Joint Conference on Artificial Intelligence https://dblp.uni-trier.de/db/conf/ijcai/ijcai2018.html

- Verifying Emergence of Bounded Time Properties in Probabilistic Swarm Systems.
- Keeping in Touch with Collaborative UAVs: A Deep Reinforcement Learning Approach.
- Optimal Cruiser-Drone Traffic Enforcement Under Energy Limitation.
- Learning Transferable UAV for Forest Visual Perception.
- Learning Unmanned Aerial Vehicle Control for Autonomous Target Following.

- **AI for Conservation: Aerial Monitoring to Learn and Plan against Illegal Actors.**
- **Generating Plans for Cooperative Connected UAVs.**
- **Near Real-Time Detection of Poachers from Drones in AirSim.**

International Joint Conference on Artificial Intelligence https://dblp.uni-trier.de/db/conf/ijcai/ijcai2017.html

- **JM-Net and Cluster-SVM for Aerial Scene Classification.**
- **A Goal Reasoning Agent for Controlling UAVs in Beyond-Visual-Range Air Combat.**
- **Real-Time UAV Maneuvering via Automated Planning in Simulations.**

International Joint Conference on Artificial Intelligence https://dblp.uni-trier.de/db/conf/ijcai/ijcai2016.html

- **Coordinating Human-UAV Teams in Disaster Response.**
- **Rule-Based Programming of Molecular Robot Swarms for Biomedical Applications.**

Annual Conference on Neural Information Processing Systems https://dblp.uni-trier.de/db/conf/nips/nips2017.html
Annual Conference on Neural Information Processing Systems https://dblp.uni-trier.de/db/conf/nips/nips2016.html

人工智能会议-B

Annual Conference on Computational Learning Theory https://dblp.uni-trier.de/db/conf/colt/colt2018.html
Annual Conference on Computational Learning Theory https://dblp.uni-trier.de/db/conf/colt/colt2017.html
Annual Conference on Computational Learning Theory https://dblp.uni-trier.de/db/conf/colt/colt2016.html
Conference on Empirical Methods in Natural Language Processing https://dblp.uni-trier.de/db/conf/emnlp/emnlp2017.html
Conference on Empirical Methods in Natural Language Processing https://dblp.uni-trier.de/db/conf/emnlp/emnlp2016.html
European Conference on Artificial Intelligence https://dblp.uni-trier.de/db/conf/ecai/ecai2016.html

- **Analysis of Swarm Communication Models.**
- **Using Petri Net Plans for Modeling UAV-UGV Cooperative Landing.**
- **Planning Search and Rescue Missions for UAV Teams.**

European Conference on Computer Vision https://dblp.uni-trier.de/db/conf/eccv/eccv2016-1.html

- **A Benchmark and Simulator for UAV Tracking.**

IEEE International Conference on Robotics and Automation https://dblp.uni-trier.de/db/conf/icra/icra2018.html

- **DroneEARS: Robust Acoustic Source Localization with Aerial Drones.**
- **Ultra-Wideband Radar for Robust Inspection Drone in Underground Coal Mines.**
- **Cross-Layer Retrofitting of UAVs Against Cyber-Physical Attacks.**
- **Investigation of Communicative Flight Paths for Small Unmanned Aerial Systems * This work was supported by NSF NRI 1638099.**

- Autonomous Battery Exchange of UAVs with a Mobile Ground Base.
- Cooperative Object Transportation by Multiple Ground and Aerial Vehicles: Modeling and Planning.
- Design and Analysis of a Fixed-Wing Unmanned Aerial-Aquatic Vehicle.
- The UNAV, a Wind-Powered UAV for Ocean Monitoring: Performance, Control and Validation.
- GOMSF: Graph-Optimization Based Multi-Sensor Fusion for robust UAV Pose estimation.
- Grasp a Moving Target from the Air: System & Control of an Aerial Manipulator.
- Human Motion Capture Using a Drone.
- Visual Saliency-Aware Receding Horizon Autonomous Exploration with Application to Aerial Robotics.
- Viewpoint-Tolerant Place Recognition Combining 2D and 3D Information for UAV Navigation.
- Flexible Stereo: Constrained, Non-Rigid, Wide-Baseline Stereo Vision for Fixed-Wing Aerial Platforms.
- Coordinated Dense Aerial Traffic with Self-Driving Drones.
- Data Ferrying with Swarming UAS in Tactical Defence Networks.
- Distance-Based Multi-Robot Coordination on Pocket Drones.
- Radiation Source Localization in GPS-Denied Environments Using Aerial Robots.
- LineDrone Technology: Landing an Unmanned Aerial Vehicle on a Power Line.
- Pseudo-bearing Measurements for Improved Localization of Radio Sources with Multirotor UAVs.
- Adaptive Attitude Control for a Tail-Sitter UAV with Single Thrust-Vectored Propeller.
- Online Aerodynamic Model Identification on Small Fixed-Wing UAVs with Uncertain Flight Data.
- Distributed Real Time Control of Multiple UAVs in Adversarial Environment: Algorithm and Flight Testing Results.
- Collaborative 6DoF Relative Pose Estimation for Two UAVs with Overlapping Fields of View.
- BFM: a Scalable and Resource-Aware Method for Adaptive Mission Planning of UAVs.
- Aerial Grasping Based on Shape Adaptive Transformation by HALO: Horizontal Plane Transformable Aerial Robot with Closed-Loop Multilinks Structure.
- Emulating a Fully Actuated Aerial Vehicle Using Two Actuators.
- LASDRA: Large-Size Aerial Skeleton System with Distributed Rotor Actuation.
- ACT: An Autonomous Drone Cinematography System for Action Scenes.

- **Self-triggered Adaptive Planning and Scheduling of UAV Operations.**
- **Network Topology Inference in Swarm Robotics.**
- **Using Hardware Specialization and Hierarchy to Simplify Robotic Swarms.**
- **From Swarms to Stars: Task Coverage in Robot Swarms with Connectivity Constraints.**
- **Using Information Invariants to Compare Swarm Algorithms and General Multi-Robot Algorithms.**
- **Learning Robust Policies for Object Manipulation with Robot Swarms.**
- **U sing a UAV for Destructive Surveys of Mosquito Population.**
- **Optical Fiber-Based Sensor for Assessing Electric Current in Unmanned Aerial Vehicles with ROS Interface.**
- **Safe Teleoperation of Dynamic UAVs Through Control Barrier Functions.**
- **Visual Grasping for a Lightweight Aerial Manipulator Based on NSGA-II and Kinematic Compensation.**
- **Asymmetric Collaborative Bar Stabilization Tethered to Two Heterogeneous Aerial Vehicles.**
- **Liftoff of a 190 mg Laser-Powered Aerial Vehicle: The Lightest Wireless Robot to Fly.**
- **Active Image-Based Modeling with a Toy Drone.**
- **Algorithms for Routing of Unmanned Aerial Vehicles with Mobile Recharging Stations.**
- **Landmark-based Exploration with Swarm of Resource Constrained Robots.**
- **Autonomous Control of the Interacting-BoomCopter UAV for Remote Sensor Mounting.**
- **Design, Modeling, and Analysis of Inductive Resonant Coupling Wireless Power Transfer for Micro Aerial Vehicles (MAVs).**
- **Vision Based Collaborative Path Planning for Micro Aerial Vehicles.**

IEEE International Conference on Robotics and Automation https://dblp.uni-trier.de/db/conf/icra/icra2017.html

- **Decentralized motion planning with collision avoidance for a team of UAVs under high level goals.**
- **Towards robotic MAGMaS: Multiple aerial-ground manipulator systems.**
- **A distributed algorithm for mapping the graphical structure of complex environments with a swarm of robots.**
- **Bearing rigidity maintenance for formations of quadrotor UAVs.**
- **The Robotarium: A remotely accessible swarm robotics research testbed.**
- **Motion planning with movement primitives for cooperative aerial transportation in obstacle environment.**

- Automated sequencing of swarm behaviors for supervisory control of robotic swarms.
- Three dimensional moving path following for fixed-wing unmanned aerial vehicles.
- Modeling and control of a saucer type Coandä effect UAV.
- Short-term UAV path-planning with monocular-inertial SLAM in the loop.
- Control of statically hoverable multi-rotor aerial vehicles and application to rotor-failure robustness for hexarotors.
- UAV-based crop and weed classification for smart farming.
- Crazyswarm: A large nano-quadcopter swarm.
- UAV with two passive rotating hemispherical shells for physical interaction and power tethering in a complex environment.
- Piccolissimo: The smallest micro aerial vehicle.
- Optimized vehicle-specific trajectories for cooperative process estimation by sensor-equipped UAVs.
- Improving octree-based occupancy maps using environment sparsity with application to aerial robot navigation.
- Multi-UAV collaborative monocular SLAM.
- Bringing Mobile Robot Olfaction to the next dimension - UAV-based remote sensing of gas clouds and source localization.
- Design and experiments for a transformable solar-UAV.
- Design and implementation of a quadrotor tail-sitter VTOL UAV.
- Model-based wind estimation for a hovering VTOL tailsitter UAV.
- Real-time monocular dense mapping on aerial robots using visual-inertial fusion.
- Real-time local 3D reconstruction for aerial inspection using superpixel expansion.
- Uncertainty-aware receding horizon exploration and mapping using aerial robots.
- Autonomous swing-angle estimation for stable slung-load flight of multi-rotor UAVs.
- Whole-body aerial manipulation by transformable multirotor with two-dimensional multilinks.
- 6D physical interaction with a fully actuated aerial robot.
- Adaptive closed-loop speed control of BLDC motors with applications to multi-rotor aerial vehicles.
- Design of the I-BoomCopter UAV for environmental interaction.
- Multi-objective UAV path planning for search and rescue.
- Multi-robot path planning for a swarm of robots that can both fly and drive.
- Guidance algorithm for smooth trajectory tracking of a fixed wing UAV flying in wind flows.
- Aerial picking and delivery of magnetic objects with MAVs.

- Online informative path planning for active classification using UAVs.
- Robust obstacle avoidance for aerial platforms using adaptive model predictive control.
- Gesture-based piloting of an aerial robot using monocular vision.
- UB-ANC planner: Energy efficient coverage path planning with multiple drones.
- Online inspection path planning for autonomous 3D modeling using a micro-aerial vehicle.
- Robust visual-inertial localization with weak GPS priors for repetitive UAV flights.
- Aerial grasping of cylindrical object using visual servoing based on stochastic model predictive control.
- Dynamic decentralized control for protocentric aerial manipulators.
- Sequential Bayesian optimization as a POMDP for environment monitoring with UAVs.

IEEE International Conference on Robotics and Automation https://dblp.uni-trier.de/db/conf/icra/icra2016.html

- Monitoring the evolution of clouds with UAVs.
- Learning deep control policies for autonomous aerial vehicles with MPC-guided policy search.
- Cooperative sensor fault recovery in multi-UAV systems.
- Rate-adaptive multicast video streaming from teams of micro aerial vehicles.
- Experiments on coordinated motion of aerial robotic manipulators.
- Optimal event handling by multiple unmanned aerial vehicles.
- Landing of a fixed-wing UAV on a mobile ground vehicle.
- Assistive collision avoidance for quadrotor swarm teleoperation.
- Live-fly, large-scale field experimentation for large numbers of fixed-wing UAVs.
- Optimized and trusted collision avoidance for unmanned aerial vehicles using approximate dynamic programming.
- Minimum-energy path generation for a quadrotor UAV.
- Fast, on-board, model-aided visual-inertial odometry system for quadrotor micro aerial vehicles.
- Velocity aided attitude estimation for aerial robotic vehicles using latent rotation scaling.
- Route planning for active classification with UAVs.
- Application of an approximate model predictive control scheme on an unmanned aerial vehicle.
- From tracking to robust maneuver regulation: An easy-to-design approach for VTOL aerial robots.
- Adaptive Super Twisting Controller for a quadrotor UAV.

- Obstacle detection, tracking and avoidance for a teleoperated UAV.
- Full Attitude Control of a VTOL tailsitter UAV.
- Thrust loss saving design of overlapping rotor arrangement on small multirotor unmanned aerial vehicles.
- Versatile aerial grasping using self-sealing suction.
- Local histogram matching for efficient optical flow computation applied to velocity estimation on pocket drones.
- Design, modeling and control of an omni-directional aerial vehicle.
- SUAV: Q - a hybrid approach to solar-powered flight.
- Real-time, GPU-based pose estimation of a UAV for autonomous takeoff and landing.
- Self-calibrating multi-sensor fusion with probabilistic measurement validation for seamless sensor switching on a UAV.
- Towards a hyperbolic acoustic one-way localization system for underwater swarm robotics.
- Fast and effective online pose estimation and mapping for UAVs.
- Steering micro-robotic swarm by dynamic actuating fields.
- Developing robotic swarms for ocean surface mapping.
- Classifying swarm behavior via compressive subspace learning.
- Using abstraction for swarm control of a parent system.
- Formalizing the impact of diversity on performance in a heterogeneous swarm of robots.
- Aerial-ground robotic system for autonomous delivery tasks.

International Conference on Automated Planning and Scheduling
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- A Local Search Approach to Observation Planning with Multiple UAVs.

International Conference on Automated Planning and Scheduling
https://dblp.uni-trier.de/db/conf/aips/icaps2017.html
International Conference on Automated Planning and Scheduling
https://dblp.uni-trier.de/db/conf/aips/icaps2016.html
International Conference on Case-Based Reasoning https://dblp.uni-trier.de/db/conf/iccbr/iccbr2017.html
International Conference on Case-Based Reasoning https://dblp.uni-trier.de/db/conf/iccbr/iccbr2016.html
International Conference on Computational Linguistics https://dblp.uni-trier.de/db/conf/coling/coling2018.html
International Conference on Computational Linguistics https://dblp.uni-trier.de/db/conf/coling/coling2016.html

- A General Optimization Framework for Multi-Document Summarization Using Genetic Algorithms and Swarm Intelligence.

International Conference on Principles of Knowledge Representation and Reasoning https://dblp.uni-trier.de/db/conf/kr/kr2016.html
International Conference on Uncertaintyin Artificial Intelligence
https://dblp.uni-trier.de/db/conf/uai/uai2017.html
International Conference on Uncertaintyin Artificial Intelligence
https://dblp.uni-trier.de/db/conf/uai/uai2016.html

International Joint Conference on Autonomous Agents and Multi-agent Systems

- Dynamic UAV Swarm Deployment for Non-Uniform Coverage.
- Scheduling Spare Drones for Persistent Task Performance under Energy Constraints.
- Managing Byzantine Robots via Blockchain Technology in a Swarm Robotics Collective Decision Making Scenario.
- Verifiable Control of Robotic Swarm from High-level Specifications.
- Integrated Hybrid Planning and Programmed Control for Real Time UAV Maneuvering.
- Multi-Feature Collective Decision Making in Robot Swarms.
- Human-UAV Teaming in Dynamic and Uncertain Environments.
- GEESE: Grammatical Evolution Algorithm for Evolution of Swarm Behaviors.
- Simulating Shared Airspace for Service UAVs with Conflict Resolution.
- Apprenticeship Bootstrapping: Inverse Reinforcement Learning in a Multi-Skill UAV-UGV Coordination Task.

International Joint Conference on Autonomous Agents and Multi-agent Systems

- Exploiting Robotic Swarm Characteristics for Adversarial Subversion in Coverage Tasks.
- Effect of Leader Placement on Robotic Swarm Control.
- Probabilistic Supervisory Control Theory (pSCT) Applied to Swarm Robotics.
- Inverse Reinforcement Learning in Swarm Systems.
- Gesture-Based Control of Autonomous UAVs.
- Learning to Assemble Objects with a Robot Swarm.
- Extending the Range of Delivery Drones by Exploratory Learning of Energy Models.

International Joint Conference on Autonomous Agents and Multi-agent Systems

- Formal Verification of Opinion Formation in Swarms.
- Simulating Drone-be-Gone: Agile Low-Cost Cyber-Physical UAV Testbed (Demonstration).

Parallel Problem Solving from Nature

- Generalized Self-adapting Particle Swarm Optimization Algorithm.
- PSO-Based Search Rules for Aerial Swarms Against Unexplored Vector Fields via Genetic Programming.
- Spark Clustering Computing Platform Based Parallel Particle Swarm Optimizers for Computationally Expensive Global Optimization.

Parallel Problem Solving from Nature

- An Asynchronous and Steady State Update Strategy for the Particle Swarm Optimization Algorithm.

综合交叉会议-A

International World Wide Web Conferences https://dblp.uni-trier.de/db/conf/www/www2018.html

International World Wide Web Conferences https://dblp.uni-trier.de/db/conf/www/www2017.html

International World Wide Web Conferences https://dblp.uni-trier.de/db/conf/www/www2016.html

Real-Time Systems Symposium https://dblp.uni-trier.de/db/conf/rtss/rtss2017.html

- **Aerial Video Stream over Multi-hop Using Adaptive TDMA Slots.**

Real-Time Systems Symposium https://dblp.uni-trier.de/db/conf/rtss/rtss2016.html

综合交叉会议-B

International Conference on Embedded Software https://dblp.uni-trier.de/db/conf/emsoft/emsoft2016.html

International Conference on Research in Computational Molecular Biology https://dblp.uni-trier.de/db/conf/recomb/recomb2018.html

International Conference on Research in Computational Molecular Biology https://dblp.uni-trier.de/db/conf/recomb/recomb2017.html

International Conference on Research in Computational Molecular Biology https://dblp.uni-trier.de/db/conf/recomb/recomb2016.html

IEEE International Conference on Bioinformatics and Biomedicine https://dblp.uni-trier.de/db/conf/bibm/bibm2017.html

- **An automatic motif recognition algorithm in DNA sequences based on particle swarm optimization and random projection.**

IEEE International Conference on Bioinformatics and Biomedicine https://dblp.uni-trier.de/db/conf/bibm/bibm2016.html

- **Estimating isoform abundance by Particle Swarm Optimization.**
- **Detecting protein complexes from DPINs by OPTICS based on particle swarm optimization.**