Time	Thursday, November 6
8:00 - 9:00	Arrival and Registration
9:00 - 10:00	Conference Opening and Welcome
10:00 - 11:00	Keynote: Professor Guido De Croon, Head of the MAVLAB Group, Delft University of Technology, Netherlands. Neuromorphic Artificial Intelligence for Small, Autonomous Drones
Session 1: Vision-Based Perception	
11:00 - 11:20	**Coffee Break**
11:20 - 11:40	3D CNN and Multi-Head Attention to Relative Camera Position. Nilda Xolo-Tlapanco, Jose Martinez-Carranza
11:40 - 12:00	A Review of Visual SLAM Systems and Single-Image Depth Estimation for Challenging Scenarios. Brianna Balam-Velasco, L. Oyuki Rojas-Perez, Jose Martinez-Carranza
12:00 - 12:20	Synthetic Dataset Generation for Object Detection in MAV Applications. Guilherme Gabriel, Bruno Sarmento, Laisa Costa
12:30 - 13:30	**Lunch**
Session 2: Navigation, Guidance, and Path Planning	
13:30 - 13:50	Intelligent Vision-Based Quadrotor Path Follower. Pedro Becerra, Blanca Briseño, Diego Alexis Martínez, Hugo Rodríguez
13:50 - 14:10	Autonomous UAV Landing with Visual Servoing and Semi-Markov Decision Processes. Fabián González-Tejeda, Brenda Ivette García-Maya, Hernan Abaunza Gonzalez
14:10 - 14:30	A LiDAR-Based Deep Reinforcement Learning Autonomous Navigation System in Unknown Environments. Yuki Onda
14:30 - 14:50	Reinforcement Learning-based Optimal Guidance for Landing the Variable Skew Quad Plane on a Ship. Cansu Yıkılmaz, Christophe De Wagter
14:50 - 15:20	**Coffee Break**
15:20 - 15:40	Model-Based Analysis of UAV Accurate Landing in Stochastic Turbulent Environments. Zhanghao Lu, Simon Watson, Andrew Weightman
15:40 - 16:00	Radio Coverage-Aware UAV Planning and Navigation in Urban Scenarios. Daniel Aláez, Manuel Prieto, Jesús Villadangos, José Javier Astrain
16:00 - 16:20	ADRC-Driven Trajectory Control of a Quadcopter Considering Ground Effect Dynamics. Carlos Osorio
16:20 - 17:20	Keynote: Professor Hyunchul Shim, Department of Aerospace Engineering, Korea Advanced Institute of Science and Technology, South Korea. A Quest for Autonomously Exploring Drones

Time	Friday, November 7
8:00 - 9:00	Arrival and Registration
9:00 - 10:00	Keynote: Tom Richardson, Faculty of Engineering, University of Bristol, UK. MACE: Development of a Medium-Altitude Fixed-Wing Drone for Environmental Monitoring
Session 3: Control and Estimation	
10:00 - 10:20	CU-Fundamental: A Comprehensive Simulation Framework for Autonomous MAV. Jialiang Wang, Yijun Huang, Yizhou Chen, Zongzhou Wu, Qigeng Wu, Zhiyu Zhou, Xi Chen, Zhi Gao, Ben M. Chen
10:20 - 10:40	A Comparative Study on Thrust Map Estimation for Multirotor Aerial Vehicles. Francisco Anguita Chamorro, Rafael Perez Segui, Carmen De Rojas, Miguel Fernandez Cortizas, Javier Melero Deza, Pascual Campoy
10:40 - 11:10	**Coffee Break**
11:10 - 12:10	Keynote: Davide Scaramuzza, Head of the Robotics and Perception Group, University of Zurich, Switzerland. Agile Vision-based Flight
12:30 - 13:30	**Lunch**
13:30 - 14:30	Keynote: Capt. Rafael Cruz Gómez and Lt. Gustavo Guerrero Clavel, Secretariat of the Navy (SEMAR). Detection and Classification of Small UAVs
14:30 - 14:50	A Comparison of Optimised, Fixed-Tilt, Fully-Actuated Multirotor UAV Configurations. Karl Stol, Salim Al-zubaidi
14:50 - 15:10	A Framework for Monocular Depth Estimation on UAVs Using a Thermal Camera. Carlos Perez-Rodriguez, Cesar Martinez-Torres, Jose Martinez-Carranza
15:10 - 15:30	Energy-Aware Hybrid Event-Triggered Control for Micro-Drones. Jesus Rodriguez, Julio Sebastián De la Trinidad-Rendón, Jose Martinez-Carranza, Hugo Gustavo González-Hernández
15:30 - 15:50	**Coffee Break**
15:50 - 16:10	Payload State Estimation for Cooperative Manipulation Using Multiple UAVs. Yuki Ohira, Abner Asignacion, Satoshi Suzuki
Session 4: Bio-Inspired, Morphing Aerial Systems, and Aerodynamics	
16:10 - 16:30	Spiking Neural Networks for High-Speed Continuous Quadcopter Control Using Proximal Policy Optimization. Michael van Breukelen Castillo, Christophe de Wagter, Robin Ferede, Reinier Vos, Guido de Croon
16:30 - 16:50	Design of Frontal Perching Mechanism to Vertical Surfaces for Flapping-Wing MAVs. Tomoyuki Matsuda, Saad Hussain, Abner Asignacion, Satoshi Suzuki
16:50 - 17:10	Pecking Mechanism Inspired by Avian Cranial Kinesis for Flapping-Wing Aerial Manipulators. Saad Hussain, Abner Asignacion, Tomoyuki Matsuda, Satoshi Suzuk
17:10 - 17:30	Flight Pattern and Experimental Flights of a Quadricopter Drone at the Edge of a Smoke Plume. Maya Pivert, Sacha De Sousa, Renaud Kiefer, Sylvain Durand, Edouard Laroche
17:30 - 17:50	Dielectric Barrier Discharge Plasma Actuators to Mitigate Flow Separation. Robin Krasinkiewicz, Maggie Gaskell, Noah Maggiani, Janet Liu, Haowen Yan, Charlie Smith, Annie Wu, Aidan Woods
17:50 - 19:00	**Awards and Closing Ceremony**