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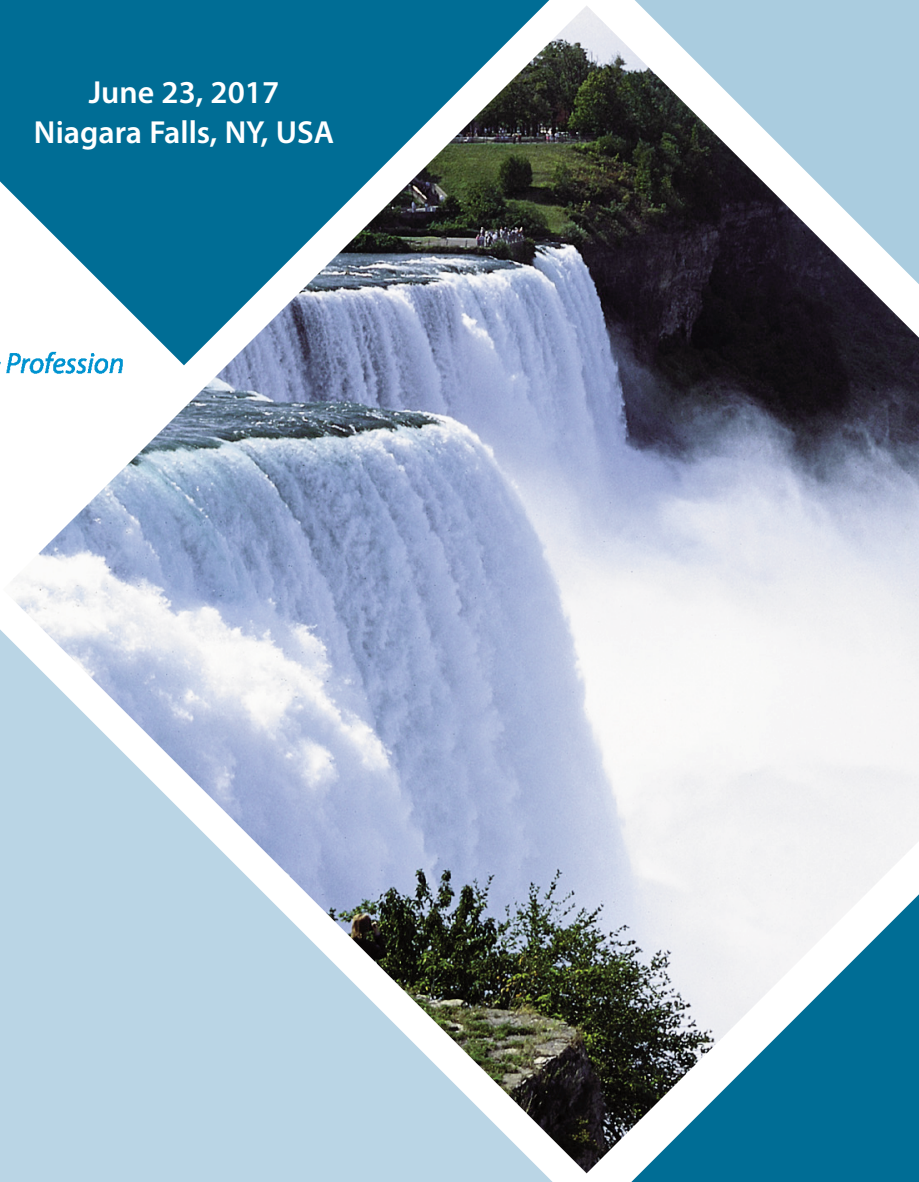

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# DroNet'17

## Proceedings of the 3rd Workshop on Micro Aerial Vehicle Networks, Systems, and Applications

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# Chairs' Welcome DroNet 2017

We are excited to welcome you to the *2017 3rd Workshop on Micro Aerial Vehicle Networks, Systems, and Applications (DroNet 2017).* This workshop brings together researchers and practitioners to discuss exciting new research concerning airborne robotic vehicles, often called "drones". While traditional mobile systems respond to device mobility (such as smartphones), drones allow computer systems to actively control device location, allowing them to interact with the physical world in new ways and with new-found scale, efficiency, or precision. The startup cost to experiment with and build real drone applications has dropped dramatically in recent years, also thanks to technological developments driven by the smartphone industry and the rise of the "makers" and DIY movements. Recent popular applications employing drones are 3D-mapping, search and rescue, surveillance, farmland and construction monitoring, delivery of light-weight objects and products, and video production.

We are excited to offer a program of accepted papers that includes topics such as drone security, mission support for drones, UAV swarms, network traffic analysis of a drone, cellular network capacity of aerial base stations, drone networks for virtual human teleportation, localization for drones, and identifying mosquito breeding via drone images. Nine papers were accepted for presentation at DroNet 2017.

We wish to thank the authors for providing the content of the program. We are grateful to the program committee for their timely reviews, and for the steering committee in its guidance. Finally, we thank the ACM MobiSys Conference and its organizers for supporting DroNet 2017!

**Richard Han**
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*University of Colorado Boulder*

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*SICS Swedish ICT*

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