Engineering Village™

1. **ACM International Conference Proceeding Series**
   Source: *ACM International Conference Proceeding Series*, September 25, 2019, *Proceedings of the 2019 3rd International Symposium on Computer Science and Intelligent Control, ISCSIC 2019*; **ISBN-13:** 9781450376617; **Conference:** 3rd International Symposium on Computer Science and Intelligent Control, ISCSIC 2019, September 25, 2019 - September 27, 2019; **Publisher:** Association for Computing Machinery

Abstract: The proceedings contain 65 papers. The topics discussed include: a study of FPGA-based supercomputing platforms; formation maintenance and collision avoidance in a swarm of drones; towards flexible process automation - an approach for flexible service robot adaptation and allocation; robotic grasp pose estimation oriented deep learning algorithm based on residual network; intellectual route planning methods for realistic agents' movement; automatic implementation of control flow error detection techniques; trust mechanism using clustering approach in vehicular network; unmanned surface vehicle prototype with obstacle avoidance system (area: applications and evaluation of real-time big data systems); lexisearch for modeling pushbroom imaging systems; localization of myocardial infarction from 12 lead ECG empowered with novel machine learning; and real-time head detection for automated passenger counting in embedded systems.

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