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3rd International Conference on Artificial Intelligence, Automation, and High-Performance Computing, AIAHPC 2023

Proceedings of SPIE - The International Society for Optical Engineering, Volume 12717, 2023

Abstract

The proceedings contain 125 papers. The topics discussed include: autonomous obstacle crossing method of substation inspection robot based on locust optimization algorithm; research on patrol platform of fixed wing UAV for ultra long distance transmission and distribution lines; towards distributed multi-target tracking using teams of mobile robots; multi-sensor data fusion for indoor drone positioning; research on unmanned aerial vehicles' passive location model based on iteration and merging; research on decision fusion model for driving unmanned logistic vehicles based on complex road conditions; autonomous unsupervised image inpainting networks based on structural priors; research on stability identification algorithm of autonomous vehicle based on data driven; and research on steering-by-wire control method for new energy vehicles based on large data analysis.

Conference Information

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