

## Publications for Fabio Ramos

### 2018

Dos Santos De Oliveira, R., Ott, L., Ramos, F. (2018). Bayesian Optimisation for Safe Navigation under Localisation Uncertainty (forthcoming). *18th International Symposium on Robotics Research (ISRR 2017)*, Puerto Varas: Springer.

Senanayake, R., Ramos, F. (2018). Building continuous occupancy maps with moving robots. *32nd AAAI Conference on Artificial Intelligence (AAAI 2018)*, New Orleans: AAAI Press.

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Senanayake, R., Ramos, F. (2018). Directional Grid Maps: Modeling Multimodal Angular Uncertainty in Dynamic Environments. *2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2018)*, Piscataway: IEEE Computer Society. <a href="http://dx.doi.org/10.1109/IROS.2018.8594041">[More Information]</a>

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Guizilini, V., Ramos, F. (2018). Learning to reconstruct 3D structures for occupancy mapping from depth and color information. *International Journal of Robotics Research*, 37(13-14), 1595-1609. <a href="http://dx.doi.org/10.1177/0278364918783061">[More Information]</a>

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*Applications, (ICMLA 2017)*, Piscataway: Institute of Electrical and Electronics Engineers (IEEE). <a href="http://dx.doi.org/10.1109/ICMLA.2017.00-19">[More Information]</a>

De Rezende, E., Ruppert, G., De Carvalho, T., Theophilo, A., Ramos, F., De Geus, P. (2018). Malicious Software Classification Using VGG16 Deep Neural Network Bottleneck Features. *15th International Conference on Information Technology - New Generations (ITNG 2018)*, Cham: Springer Verlag. <a href="http://dx.doi.org/10.1007/978-3-319-77028-4\_9">[More Information]</a>

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Vivaldini, K., Martinelli, T., Guizilini, V., Souza, J., Oliveira, M., Ramos, F., Wolf, D. (2018). UAV route planning for active disease classification. *Autonomous Robots*, In Press. <a href="http://dx.doi.org/10.1007/s10514-018-9790-x">[More Information]</a>

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