Publications as of November 3, 2022

International Journal (peer-reviewed)

[2] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. "Explaining the Neuroevolution of Fighting Creatures Through Virtual fMRI". In: *Artificial Life* (Sept. 2022), pp. 1–28. ISSN: 1064-5462. DOI: `10.1162/artl_a_00389`.

International conferences (peer-reviewed)

[4] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. "Spontaneous modular NeuroEvolution arising from a life/dinner paradox". In: *The 2021 Conference on Artificial Life*. Cambridge, MA: MIT Press, 2021, p. 95. DOI: `10.1162/isal_a_00431`. Presentation: `https://vimeo.com/godinduboisalife/alife2021main`.

[6] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. "Beneficial Catastrophes: Leveraging Abiotic Constraints through Environment-Driven Evolutionary Selection". In: *2020 IEEE Symposium Series on Computational Intelligence (SSCI)*. 2020, pp. 94–101. DOI: `10.1109/SSCI47803.2020.9308411`.

[9] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. "Self-sustainability Challenges of Plants Colonization Strategies in Virtual 3D Environments". In: *Applications of Evolutionary Computation*. Ed. by P. Kaufmann and P. A. Castillo. Cham: Springer International Publishing, 2019, pp. 377–392. ISBN: 978-3-030-16692-2. DOI: `10.1007/978-3-030-16692-2_25`.

[10] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. "Speciation under Changing Environments". In: *ALIFE 19*. Vol. 31. Cambridge, MA: MIT Press, 2019, pp. 349–356. ISBN: 978-0-262-35844-6. DOI: `10.1162/isal_a_00186`. Presentation: `https://vimeo.com/godinduboisalife/alife2019`.

Workshops

[1] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. "Emergent communication for coordination in teams of embodied agents". In: *4th International Workshop on Agent-Based Modelling of Human Behaviour (ALife2022)*. 2022, in press.

[3] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. "On the benefits of emergent communication for threat appraisal". In: *3rd International Workshop on Agent-Based Modelling of Human Behaviour*. Online, 2021. URL: `https://abmhub.cs.ucl.ac.uk/2021/camera_ready/Godin-Dubois_etal.pdf`. Presentation: `https://vimeo.com/godinduboisalife/abmhub2021`.

[8] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. "APOGeT: Automated Phylogeny Over Geological Timescales". In: *MethAL workshop at ALife 2019*. 2019. DOI: `10.13140/RG.2.2.33781.93921`.

[12] K. Dubois, S. Cussat-Blanc, and Y. Duthen. "Towards an Artificial Polytrophic Ecosystem". In: *Morphogenetic Engineering Workshop, at the European Conference on Artificial Life (ECAL) 2017 September 4*. 2017.

Poster

[11] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. "Studying long term interactions between plants and their environment". In: *Alife 2018*. Tokyo, 2018. DOI: `10.13140/RG.2.2.27553.97125`.

Oral presentations

[7] K. Godin-Dubois, S. Cussat-Blanc, and Y. Duthen. *Splinoids: first steps out of EDEnS*. Lightning talk. Montreal (Virtual), 2020. DOI: `10.13140/RG.2.2.11048.19200`.

Thesis

[5] K. Godin-Dubois. "Environment-Driven Speciation: Long-Term Interactions in Artificial Plant Communities". PhD thesis. Doctoral school of Mathematics, Computer Science and Telecommunications (Toulouse, France), 2020. URL: `http://www.theses.fr/2020TOU10026/document`.