



NRP News basket

Articles

Payeur, A. et al. (2021). [Burst-dependent synaptic plasticity can coordinate learning in hierarchical circuits](#), Nature Neuroscience.

Lanillos, P. and van Gerven, M. (2021). [Neuroscience-Inspired Perception-Action in Robotics applying active inference for state estimation, control and self-perception](#), arXiv.org.

Gonçalves Pinto, W. et al. (2021). [On the reproducibility of fully convolutional neural networks for modeling time-space evolving physical systems](#), arXiv.org.

Młynarski, W. et al. (2021). [Statistical analysis and optimality of neural systems](#), Neuron.

Moradinezhad, R. et al. (2021). [Investigating Trust in Interaction with Inconsistent Embodied Virtual Agents](#), International Journal of Social Robotics.

[When Is a Bicycle Not a Bicycle and Other Questions to Ask When Implementing AI](#), CMS Wire, May 2021.

[Reinforcement learning challenge to push boundaries of embodied AI](#), TechTalks Blog, April 2021.

[Multimodal Neurons in Artificial Neural Networks](#), OpenAI Blog, March 2021.

Events

May 26-28, 2021 - [Technologies for Neuroengineering](#) [Nature Conferences].

May 31, 2021 - [Embodied AI: Virtual Humans and Robots Session II](#).

June 28-30, 2021 – [AI4EU Robotics & AI summer school](#) [Registration: May 31st].

Resources

[Embodied AI Lecture Series @ PRIOR](#) [Allen Institute for AI].

