



HYBRAIN aims to develop a hybrid electronic-photonic super-fast and energy-efficient computing system inspired by the human brain to enable innovative Edge Computing and Artificial Intelligence solutions.



Learn more about the project!

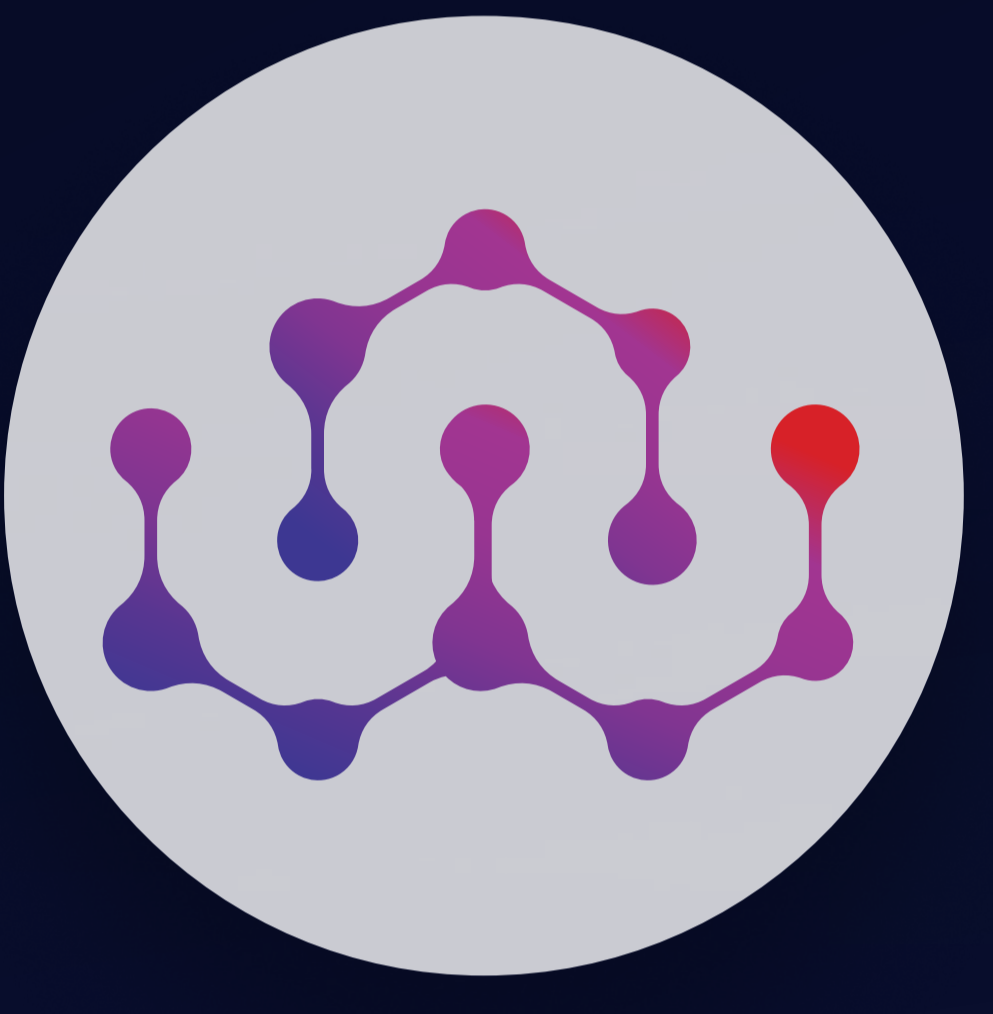
HYBRAIN Technologies



Analog Hardware Acceleration Kit for enhancing AI experiments and drive AI advances.



Python package for designing photonic integrated circuits on semiconductor development processes.

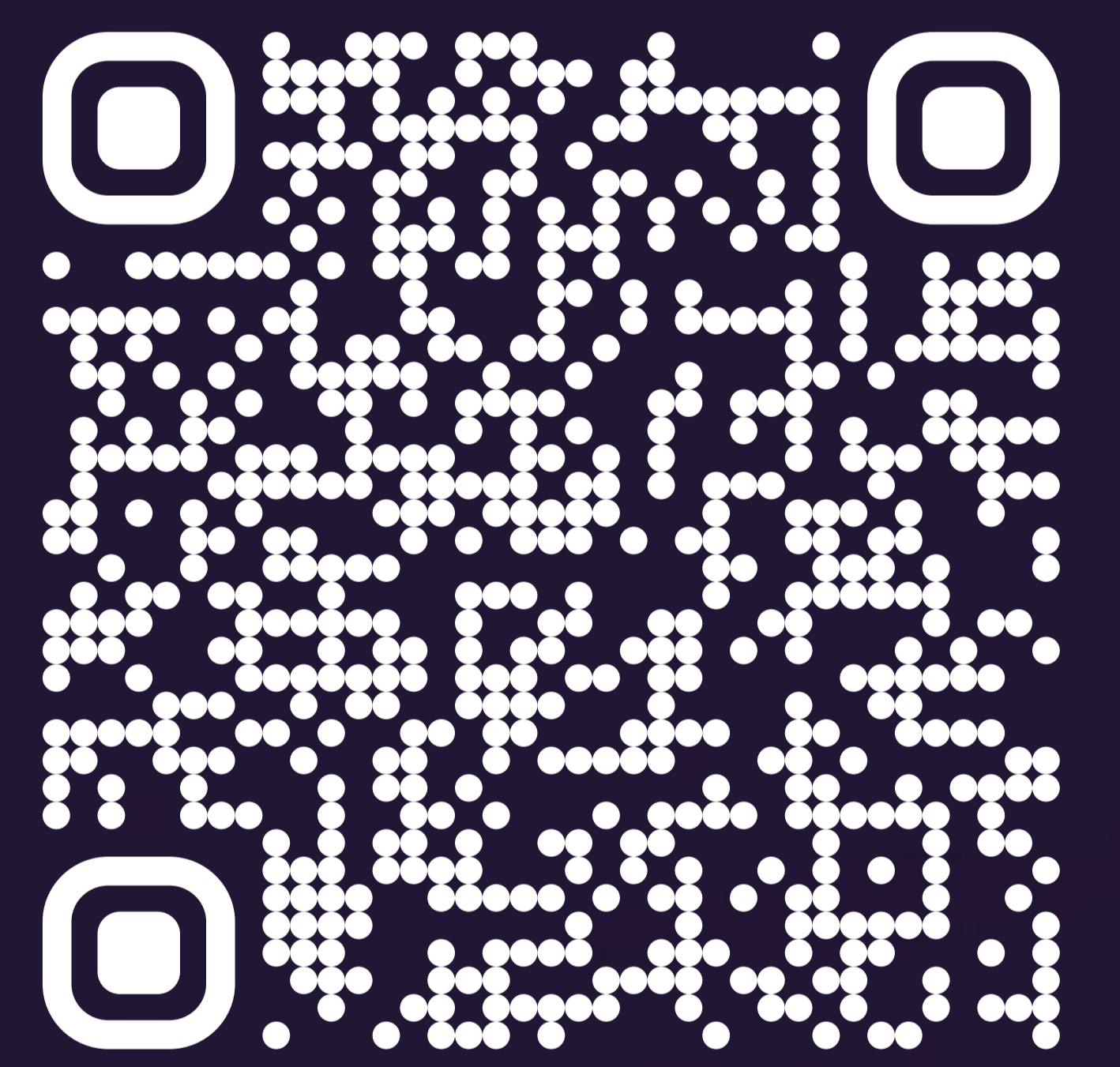


Specialised surrogate models, in the form of a software framework - brains-py package - for implementing deep-learning neural networks and studying dopant-network processing units.



Method for automatic speech recognition.

15+ Papers created with financial support from HYBRAIN. Explore the publications!



Project coordinator

UNIVERSITY OF TWENTE.



 hybrain.eu

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European Innovation Council



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