

Organic neuromorphic electronics

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Organic neuromorphic electronics harnesses ionic and electrochemical processes to emulate core features of synaptic adaptation and neural computation in a bio-realistic and highly efficient manner. In this talk, we will explore how organic and iontronic materials enable the design of neuromorphic devices and circuits that can sense, process, and respond in real time, forming the foundation for both intelligent systems and efficient neuromorphic biointerfaces.

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