

POSTER PRESENTATION

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Mimicking biological principles in artificial olfactory system

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Biology has inspired solutions to many engineering problems, including those encountered in chemical sensing. Modern approaches to chemical sensing have been based on the biological principle of combining cross-selective chemical sensors with a pattern recognition engine to identify odors. In this poster, we will review some recent advances made by our group in mimicking biological design and computing principles to develop a neuro-morphic electronic nose.

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