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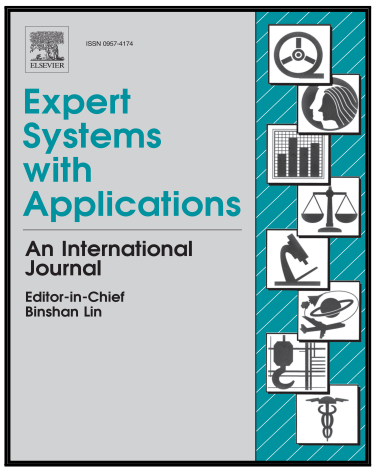

Echoic log-surprise: a multi-scale scheme for acoustic saliency detection

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Highlights

- A new model to compute acoustic saliency based on Bayesian log-surprise is proposed.
- Our model implements a multi-scale scheme, inspired by Acoustic Sensory Memory.
- We validated our proposal using Acoustic Event Detection datasets.
- Performance compared favourably against state-of-the-art saliency algorithms.

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