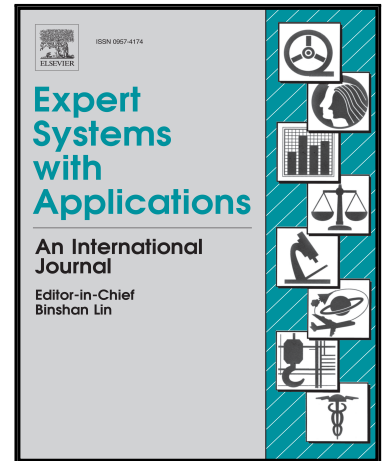


## Accepted Manuscript

Age and Gender Classification from Speech and Face Images by  
Jointly Fine-Tuned Deep Neural Networks

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**HIGHLIGHTS**

- A new cost function is developed for the concurrent and jointly fine-tuned DNNs.
- A new DNN architectures are proposed.
- Two DNNs are trained concurrently and jointly fine-tuned.
- Speaker age and gender classification is studied.
- Age estimation from unconstrained face images is studied.

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