



INDIAN WOMEN SCIENTISTS' ASSOCIATION

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MACHINE LISTENING FOR MUSIC APPLICATIONS



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Date- 9th July 2022

Time- 5pm

Zoom –

Meeting ID-876 1081 3449

Passcode-SAOL@IWSA



Abstract:

Many are familiar with computer vision in the field of artificial intelligence and its burgeoning applications in robotics, drones and manufacturing. Less known, but equally fascinating, is the field of computer audition or machine listening. Apart from its vast practical utility, the understanding by machines of speech and music helps to access the most highly evolved of human behaviours. We describe how computers decode sound and the associated complex auditory patterns to obtain insights that contribute, in particular, to our understanding of music across cultures.