

The IEEE, ITEE WA, IET and IICA invite you to this presentation:

Anatomy of Hearable

This presentation will explore some of the technologies, technology trade-offs and design methods used to deliver fantastic sound quality, innovative hearing processing and a computer in your ears, without using any wires at all.

Dr. Alan Davis, Vice President Product, Nuheara

When: 5.30-6:30pm 25th May

Where: Engineers Australia Auditorium,
712 Murray St West Perth

Overview:

Hearables are a new emerging trend in wireless headphone consumer products. Hearables extend and expand the capabilities of traditional headphones to include clever features like heart-rate tracking and hearing enhancement features. Many hearables are also completely wireless, meaning there are no wires from your smart phone to the ear buds that are worn by the user. To deliver these feature, hearables are completely self-contained computers with radio interfaces, sensors, batteries and wireless technologies to communicate both to your smart device and to each other, all in a tiny package weighing no more than a few grams.

This presentation will explore some of the technologies, technology trade-offs and design methods used to deliver fantastic sound quality, innovative hearing processing and a computer in your ears, without using any wires at all.

About the Presenter:

Dr. Alan Davis, Vice President Product, Nuheara

Alan is an experienced audio product engineer who has spent more than a decade developing and bringing to market innovative audio technologies for consumer electronics and audio communication products. He holds a PhD in Digital Signal Processing from Curtin University, Australia. Alan has held management positions at Dolby Laboratories and Sensear, an industrial communications company and has published conference and journals articles in the speech processing field. Alan is currently the Vice President of Product at Nuheara, an innovative Perth company developing True Wireless Hearable products targeting Assistive Listening applications.

Cost / Registration

- EA, IICA, IET, IEEE Member Rate: \$0.00 (\$0.00 excl. GST)
- Student Member Rate: \$0.00 (\$0.00 excl. GST)
- Non-Member Rate: \$30.00 (\$27.27 excl. GST)

Maximum CPD Hours

- 1.5