

## A half-day workshop on Acoustic Ecology and Spatial Sound

Date	March 18, 2011
Time	1pm – 5pm
Location	SIAL Sound Studios, School of Architecture and Design. Building 9, Level 1, Room 13 <i>n-space</i> . Enter from RMIT University entrance on Franklin St
Cost	\$80.00
Numbers	Due to space considerations the workshop is limited to 20 participants

### Summary Description

The workshop will present concepts and recent work from two related fields;

1. Acoustic Ecology – the study of the relationship of listening beings to the soundscape.
2. Spatial Sound – includes auditory spatial awareness, spatial sound systems and the contexts in which they occur, and the psychoacoustics of spatial listening.

The aims of the workshop are:

- To present an overview of key concepts and resources from the field of acoustic ecology, highlighting potential areas of interest for audiologists.
- To review current work in spatial sound and the psychoacoustics of spatial listening.

### Evaluation of activity

Instruction level: Introductory/Intermediate

The workshop will be directed to participants who have not previously encountered the fields of acoustic ecology or spatial sound technology.

### Teaching Method and Outline of Program

Time	Session details
12.30pm	Presenter introductions, brief tour of SIAL Sound Studios. Dr Lawrence Harvey
12.50pm	Acoustic Ecology and the practice of sound design – Dr. Lawrence Harvey. (30 min)  Spatial Sound and the Listening Experience – Peter Holmes (30 mins)
1.50	Tea Break & spatial listening exercise in The Pod - group 1 – 20 mins (10 participants)
2.10	Psychoacoustics of Spatial Listening – Eva Cheng (30 mins) Small group discussion “How could education and training in spatial listening using contemporary sound technologies assist hearing impaired clients?”. – 30 mins
3.10	Tea Break 2 & spatial listening exercise in The Pod - group 2 (10 participants)
3.30	Large group - presentation expansion of small group discussion – 60 mins
4.30/5pm	End session

### Presenters

Dr Lawrence Harvey, Associate Professor, SIAL Sound Studios, RMIT University

Peter Holmes, Research Associate, SIAL Sound Studios RMIT University

Eva Cheng, Research Officer, School of Computer and Electrical Engineering, RMIT University

For further information on SIAL Sound Studios;

<http://www.rmit.edu.au/architecture/design/sial/soundstudio>

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