



Heuser Hearing Institute GRAND ROUNDS

Heuser Hearing & Language Academy

Grand Rounds are a ritual of medical education, consisting of presenting medical problems, new technology or procedures and/or treatment to an audience consisting of doctors, residents, and medical students. Grand rounds has evolved considerably over the years with most current sessions being more like lectures and being attended by anyone interested in learning more about the presented subject.

Thursday, July 15

11:45 a.m. Brown Bag Lecture (Beverages will be supplied)

Lecture: 12:00 p.m.—1:00 p.m.

Presenter: Pavel Zahorik, Ph.D. and his staff

Department of Psychological and Brain Sciences / University of Louisville

Presentation: Room Acoustics, Psychoacoustics, and Speech Understanding

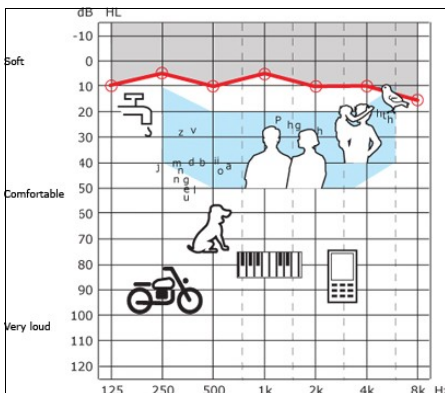
R.S.V.P.: June 12

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Room Acoustics, Psychoacoustics, and Speech Understanding

Room acoustics describes how sound behaves in an enclosed space.

Psychoacoustics is the study of subjective human perception of sounds. Alternatively it can be described as the study of the psychological correlates of the physical parameters of acoustics.



At this lecture you will learn:

- Basic principle of room acoustics and speech transmission within rooms.
- What constitutes “good acoustics” for speech understanding in a room.
- How psychoacoustics is used to study speech understanding in rooms.
- What psychoacoustic study can tell us about “good acoustics” and improving speech understanding in rooms.