

Opportunities for Podcasting Teachers

- Get on phones
- Microlearning
- Subscriptions
- Own your own content
- Get off YouTube
- Audio easier to produce than video
- Small files



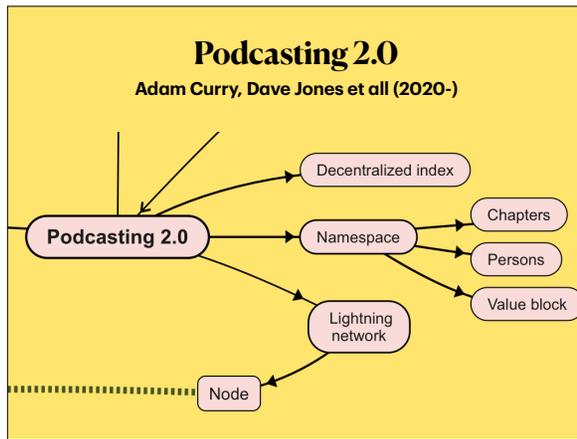
<http://willshare.com/courses/acoustics>

Assignments

- [Week 1](#)
- [Week 2](#)
- [Week 3](#)
- [Week 4](#)
- [Week 5](#)
- [Week 6](#)
- [Week 7](#)
- [Week 8](#)
- [Week 9](#)
- [Week 10](#)
- [Week 11](#)
- [Week 12](#)
- [Week 13](#)
- [Week 14](#)
- [Week 15](#)
- [Week 16](#)
- [Final Exam](#)

Resources

- Textbook: The Acoustical Foundations of Music, 2nd edition, by John Backus [[Notes](#)] [[Appendix 1: Some Fundamentals of Acoustics](#)]
- [Graphic overview of Part 1](#) of the course. You may enjoy exploring [the mindmap](#) using the free [SimpleMind Viewer](#) for iOS, OS, Windows, or Android.
- [Acoustics Terminology for Musicians](#) podcast with vocabulary and demonstrations. Best played on a [Podcasting 2.0-compliant](#) app.
- [Links](#): Videos, Software, Terms, etc.
- [Equipment recommendations](#)



- ### Podcasting 2.0
- (2020)
- Developers: Adam Curry and Dave Jones
 - Not dependent on Apple
 - Censorship resistant
 - New features
 - Live streams with chat
 - Comments between apps
 - Clips
 - Micropayment system
 - Chapters

-30 %

Podcasting 2.0 apps

- Hosting
- Nodes / wallets
- Web browsers, Apple, Android

Podverse

App	Supported Elements	Platforms
Podfans website, podcast player	Alternate Enclosure, Boostagrams, Chapters, Episode, Funding, GUID, Images, License, Live, Location, Locked, Medium, Person, Podping, Sat Streaming, Search, Social Interact, Soundbite, Trailer, Transcript, Value	
Blubrry hosting, directory	Chapters, Episode, Funding, GUID, License, Live, Location, Locked, Medium, Person, Podping, Season, Social Interact, Soundbite, Trailer, Transcript, Txt, Value	Web
PowerPress by Blubrry wordpress plugin, hosting, open source	Chapters, Episode, Funding, GUID, License, Live, Location, Locked, Medium, Person, Podping, Season, Social Interact, Soundbite, Trailer, Transcript, Txt, Value	Web, Wordpress
CastGarden blockchain, hosting, open source, social links, website, video	Alternate Enclosure, Block, Funding, GUID, Images, License, Live, Locked, Medium, Person, Podping, Search, Social Interact, Transcript, Value	Fediverse, Hive, Mobile, Web
Captivate hosting	Episode, Funding, GUID, License, Location, Locked, Medium, OP3, Podping, Season, Transcript, Txt, Value	Web
RSS.com hosting	Chapters, Episode, Funding, License, Location, Locked, Podping, Season, Soundbite, Transcript, Txt, Value	Web
PeerTube app, open source, hosting, video	Alternate Enclosure, Boostagrams, GUID, Live, Locked, Medium, Person, Podping, Sat Streaming, Search, Social Interact, Transcript	Fediverse, Web
Podverse app, open source, podcast player, video	Alternate Enclosure, Boostagrams, Chapters, Funding, Live, Sat Streaming, Search, Social Interact, Soundbite, Transcript, Value	Android, F-Droid, Web, iOS

RSS Blue hosting	Chapters, Funding, GUID, Location, Locked, Medium, OP3, Podping, Transcript, Txt, Value	Web
Podcast Guru app, podcast player	Boostagrams, Chapters, Funding, Live, Location, Person, Search, Season, Transcript, Value	Android, iOS, macOS
Castopod hosting, open source	Chapters, Funding, GUID, Location, Locked, OP3, Person, Social Interact, Soundbite, Transcript	Web
JustCast hosting	Chapters, Funding, Location, Locked, Person, Podping, Season, Soundbite, Trailer, Value	Web
Steno.fm podcast player, website	Chapters, Episode, Funding, GUID, OP3, Person, Search, Season, Trailer, Transcript	Web
Podcast Addict app, podcast player	Alternate Enclosure, Chapters, Funding, Live, Location, Person, Search, Season, Transcript	Android, Web
Podfriend app, podcast player, open source	Chapters, Funding, Location, Person, Sat Streaming, Search, Social Interact, Transcript, Value	Web, Windows
CurioCaster app, podcast player	Alternate Enclosure, Boostagrams, Chapters, Funding, Live, Sat Streaming, Search, Transcript, Value	Mobile, Web
Fountain app, podcast player	Boostagrams, Chapters, Live, Person, Sat Streaming, Search, Transcript, Value	Android, iOS, macOS

JustCast

Fountain

Podcastindex		
 Podcastindex directory, open source	Chapters, Funding, Locked, Soundbite, Transcript, Value	Web
 Transistor hosting	Chapters, Funding, Locked, OP3, Person, Podping, Transcript, Txi	Web
 Disctopia app, hosting, podcast player	Alternate Enclosure, Funding, Locked, Medium, Search, Trailer, Transcript, Value	Android, Web, IOS
 Vodio podcast player, hosting	Episode, Funding, GUID, License, Locked, Season, Social Interact, Transcript	Web
 Buzzsprout hosting	Chapters, Funding, Locked, Person, Podping, Transcript	Web
 Podcast Chapters app	Chapters, Episode, Location, Person, Season, Soundbite, Transcript	macOS
 myWebLog hosting, website, open source	Chapters, Episode, Funding, GUID, Medium, Season, Transcript	Mobile, Web
 Podpage website	Episode, Funding, GUID, Person, Season, Trailer, Transcript	Web
 mp.money app	Alternate Enclosure, Chapters, Funding, Search, Transcript, Value	Web

Podcastindex

Buzzsprout

Castamatic		
 Castamatic app, podcast player	Boostagrams, Chapters, Funding, Sat Streaming, Value	Android, IOS
 Fireside hosting	Chapters, Funding, Locked, Person, Soundbite, Transcript	Web
 Caproni hosting	Funding, Location, Locked, Podping, Transcript	Web
 podStation browser extension, podcast player, open source	Boostagrams, Funding, Sat Streaming, Search, Value	Chrome
 Breez app, podcast player, open source	Boostagrams, Chapters, Sat Streaming, Search, Value	Android, IOS
 Anytime Podcast Player app, podcast player, open source	Chapters, Funding, Person, Search, Transcript	Android, IOS
 PodLP app, podcast player	Alternate Enclosure, Funding, Location, Person, Transcript	KalOS
 RedCircle hosting	Funding, GUID, Locked, Podping, Transcript	Web
 Podcastpage.io website	Episode, Person, Season, Soundbite, Transcript	Web

Castamatic

Breez

 Castos hosting	Funding, GUID, Locked, Value	Web, Wordpress
 Podlove Podcast Publisher wordpress plugin, open source	Funding, OP3, Person, Transcript	Wordpress
 3speak.tv hosting, video, blockchain	Funding, Locked, Person, Value	Hive, Web
 IPFS Podcasting directory, hosting, website, video, other	Locked, Podping, Value, Video	Linux, Start9, Umbrel, Web
 Sphinx.chat app, podcast player	Sat Streaming, Search, Value	Android, IOS
 AntennaPod app, podcast player, open source	Chapters, Funding, Search	Android, F-Droid
 Ivy.fm app	Chapters, Funding, Person	Web
 CastCoverage app, podcast player	Chapters, Search, Transcript	Web
 Tsaddop app, podcast player, open source	Chapters, Funding, Search	Android, F-Droid

Sphinx.chat


```
RespiBlitz v1.7.2 wallet0
Bitcoin Fullnode + Lightning Network + Tor

Refreshed: Sun, 03 Apr 2022 23:43:27 +0100
CPU load 2.93, 2.93, 2.89, temp 44°C 111°F
Free Mem 2124M / 3844M HDDuse 432G (50%)
SSH admin@192.168.1.134 d0.0B u0.0B

bitcoin v22.0.0 mainnet 25 peers
Blocks 730301/730301 Sync OK 100.00%

LND 0.14.2-beta Wallet 16486 sat
2/2 Channels 23471 sat 2 peers
Fee Report (D-W-M): 0-0-0 sat

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Suggested (optional) **JustCast**

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The Value Recipient designates various destinations for payments to be sent during consumption of the enclosed media. Each recipient is considered to receive a "split" of the total payment according to the number of shares given in the split attribute.

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Robert Willey

Type (required)
node

Address (required)
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alby.com

Node Address: 030a58b8653d32b99200a2334cfe913e51dc7d155aa0116c176657a4f1722677a3
(use only in combination with the custom key/value)

Example podcast:value tag for your RSS feed:

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Helipad

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1649033048	950000	1000000	2	"	"CurioCaster"	"	"Peace Pieces"	"Somers"
1649031618	950000	1000000	2	"	"CurioCaster"	"	"Into the Blue"	"May 1"
1648603475	475000	1000000	2	"Robert"	"CurioCaster"	"1000 from curiocaster"	"Peace Pieces"	"No Dis"
1648996030	490000	500000	2	"@rkwilley"	"Fountain"	"Go Music 2.0! from Dr. Dub"	"Peace Pieces"	"Out of"
1648091388	1173000	1234000	2	"SirSpencer"	"CurioCaster"	"Test boost!"	"Peace Pieces"	"No Dis"

TRANSCRIPT:

Chapter 5: The Ear: Intensity and Loudness Levels

Welcome to the *Acoustics Terminology for Musicians* podcast, brought to you by your host, Robert Willey.

[image: BackusCover.png]

The order that the terms are introduced in this podcast follows the organization of John Backus' book, *The Acoustical Foundations of Music*. The fifth chapter is titled "The Ear: Intensity and Loudness Levels". This is the first chapter in Part II of the text, which is concerned with how the brain interprets the signals received from the ears.

[image: OuterEar.png public domain https://commons.wikimedia.org/wiki/File:Gray907.png]

The ear can be divided into three main parts. The outer ear consists of the flexible part of the ear that we see called the pinna, which is made of cartilage covered with skin. The pinna funnel the pressure wave into the auditory canal. When it reaches the end it causes the eardrum to vibrate. Children who get lots of ear infections may have small tubes put through their ear drums to help ventilate the middle ear. The dimensions of the auditory canal resonates frequencies between 2000 to 5000 Hz, making speech easier to hear.

[image: MiddleEar.png from Bruce Blaus "Medical gallery of Blausen Medical 2014", offered under Creative Commons Attribution 3.0 Unported license]

The middle ear has the three ossicles—the smallest bones in the body of mammals. Together they act like a crowbar to increase the amplitude of vibrations coming from the eardrum on one side, and pass them on to the oval window on the other side. Ligaments attached to the bones help clamp down the vibrations if they get too intense in order to protect the inner ear. Unfortunately they are not able to compensate for the extremely loud noises in the modern environment, such as gunshots, jet engines, and rock concerts.

Horizontal lines for notes.

Acoustics Terminology For Musicians Chapter 5: The Ear: Intensity and Loudness Levels Podverse web app

Robert Willey

Value for Value ⚡ ^

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App: 50 satsoshis

Your Name: optional

Boostagram: optional public message

Horizontal lines for notes.

Podverse web app

Chapters ^

- The Acoustical Foundations of Music, by John Backus (0:07)
- The outer ear (pinna) (0:29)
- The middle ear (1:56)
- The Eustacean tube (1:38)
- The inner ear (2:25)
- The cochlea and basilar membrane (2:44)
- Logarithmic and linear scales (3:38)
- The decibel (dB) (3:52)
- Example of a 3dB boost (4:16)

Your Name: optional

Boostagram: optional public mes

Send Boost

Show More Info

Horizontal lines for notes.

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- podcastapps.com - try a modern app
- Podcasting 2.0 podcast with Adam Curry and Dave Jones
- willshare.com/courses/acoustics
