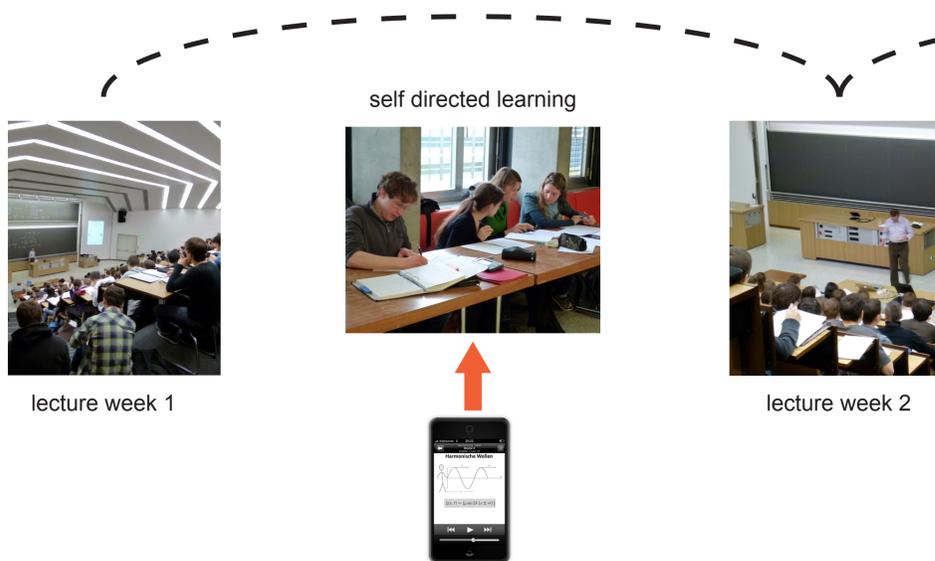


# Bridging Lectures with Summary Podcasts



Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

Guillaume Schiltz  
ETH Zurich, Switzerland  
schiltz@phys.ethz.ch

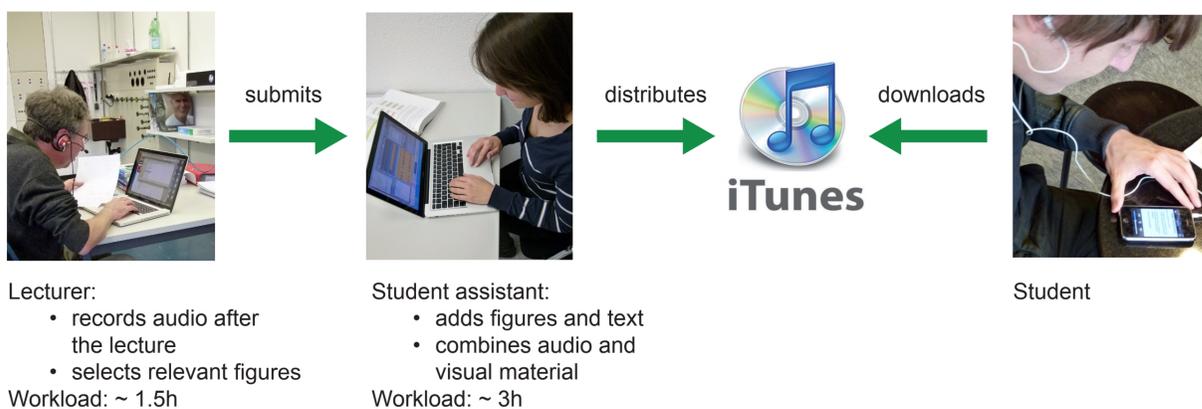


The summary podcast bridges sequences of weekly lecture sessions. It supports students when they review the past lecture and prepare for the next one.

Contents of a summary podcast:

- short overview of the main concepts covered by the past lecture
- relevance of the topics
- learning hints

## SUMMARY PODCAST



Software: Audacity, GarageBand  
Encoding: AAC/M4A (.m4a)  
Size: ~1.5 MB  
Typical length: 15 minutes

## PODCAST PRODUCTION

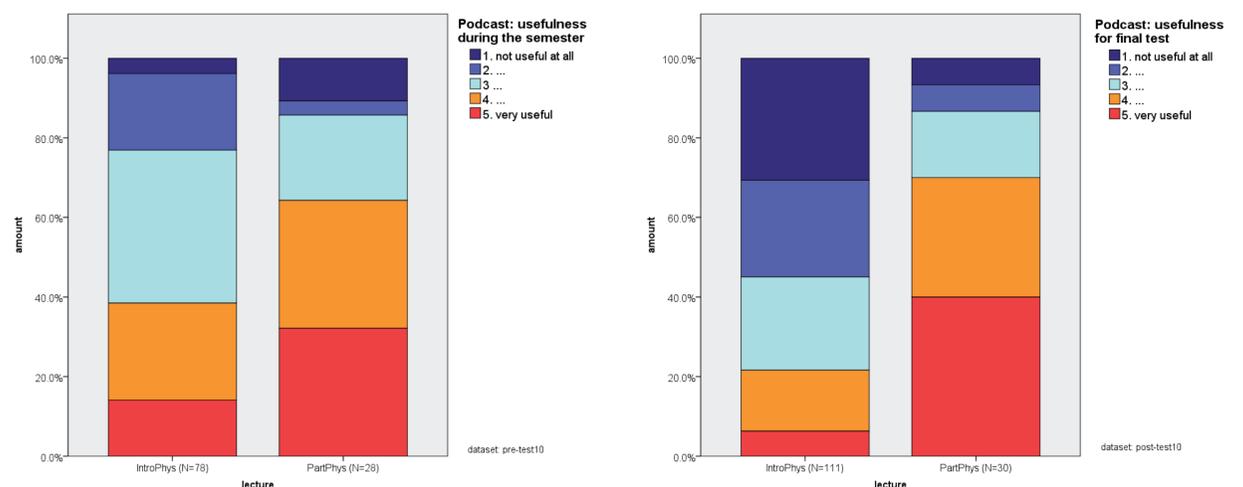
At the end of each term, we surveyed the use of 7 podcasts by means of a standardized questionnaire. Students submitted a total of 649 records, which could be analyzed.

The survey revealed that 79% of the students made use of the podcast during the lecture time. About 1/3 of them spend more than 30 minutes with each episode and used further material (lecture script, personal notes, etc.) while listening to the podcast.

25% played the podcast on a mobile device, while the great majority played it on a computer.

In 2010 we carried out a dual survey that covered two lectures, IntroPhys and PartPhys. One survey was launched just at the end of the lecture period (pre-test10), the other one after the final exam (post-test10). 394 records were returned.

Our aim was to compare the results, depending on the differing settings of both lectures, and to analyze the usefulness of the podcast for the exam preparation.



LECTURE	PROGRAM	COVERAGE	ASSESSMENT
IntroPhys	BSc (1st year)	1 year	written exam
PartPhys	BSc (3rd year)	1 semester	oral exam

## EVALUATION



Watch a sample podcast episode!

### Acknowledgment

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