

Emotional Coupling/Decoupling Between Critical Audience and Speaker

COMPUTATIONAL PHYSIOLOGY LAB

Motivation

- ★ Public speaking
 - \Rightarrow stresses inexperienced presenters
 - \Rightarrow degrades the quality of presentations
 - \Rightarrow + hostile/disinterested audience = looming disaster
- ★ Understand speaker-audience interactions \Rightarrow first step to designing an interventional system

Objective

- ★ Multimodal analysis of emotional interactions between science speakers and a panel of judges
 - $rac{1}{lpha}$ n = 26 undergraduate students each wrote a report and presented key findings to three discouraging judges

Data Collection



Emotional Coupling – Instantaneous







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During Presentation

- ★ Participant T085 remains unexpressive throughout all treatments and appears emotionally decoupled from the judges during his presentation
- \bigstar Some presenters consistently react to the judges. Others, like T063, respond occasionally, or, like T085, don't react at all

 \bigstar





Remaining Work

★ Perform quantitative analysis

★ Examine the effect of emotional coupling/decoupling on performance

References

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[3] Vokaturi Developers. (2019, June 2). Retrieved July 2019 from vokaturi.com

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