SlidePacer - Improving Class Pace for Deaf and Hard-of-Hearing Students

Alessandra Brandao, Shreya Tadas
Stefan Alesik, Hugo Nicolau, Vicki Hanson
B. Thomas Golisano College of Computing and Information Sciences
Rochester Institute of Technology

**In mainstream classrooms, Deaf and Hard-of-Hearing (DHH) students struggle to follow simultaneous visual sources of information...**

**...this switching of attention from one source to another may result in the loss of important content.**

**The workflow...**

1. The SlidePacer add-in is enabled in the instructor's PowerPoint;
2. The interpreter interacts with the app to effectively change the slides to students;
3. No student interacts with any devices.

**Evaluation**

- Instructors & Interpreters
  - One focus group session for each role;
  - Tasks: hands-on experience; mock lecture with SlidePacer;
  - Discussion to gather feedback.

**Conclusion**

- SlidePacer has potential to be beneficial for DHH students;
- SlidePacer can benefit hearing students as well;
- SlidePacer may be useful in lectures that are based on PowerPoint presentations;

**Can we prevent loss of information among DHH students by promoting an adequate pace of the lecture?**