

# Lightning Talk Guidelines

- Oral Presentation

- 3 minute oral presentation

*Think about this as an elevator pitch that addresses:*

- What
    - Why
    - How/What's Novel
    - Outcome

- Q&A

- 1 minute for questions
  - Be prepared to discuss:
    - Approach in more detail
    - Validation in more detail
    - Limitations of your work
    - Related work
    - Ongoing and future work



**CRA-WP**

Computing Research Association  
Widening Participation

# Lightning Talk Guidelines

- Use Power Point or similar software to create 1 slide (avoid submitting a traditional poster)
- Make fonts large enough to be read through screen sharing, use a maximum of 3-4 different colors
- Make your points succinctly, using short bulleted statements, not long textual descriptions
- Use pictures and images to better share your work
- An example presentation from the previous year that can be found on the next slide. This presentation is concise, legible, and tells the story on one slide.



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# AI and Design Opportunities for Smart Speakers

## 1 Problem

Smart speakers have opened up the potential for many **new types of interaction!**

But...market review and previous studies all show that the technology is **underused...** or even... **abandoned...WHY?**

## 2 User Study (15 Users)

**Challenges** that contribute the most to their non-use of the technology:

- 1) **Inefficiency** of input and output,
- 2) **Lack of capability** for complex tasks,
- 3) Poor **discoverability**,
- 4) Misleading **mental models**.



## 3 Design Opportunities

- A. Focusing on **information while multitasking** (cooking, showering, childcare, emergency, etc),



- B. **Social Learning,**

- C. **Calm Design!,**



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