
컴퓨터공학논문연구

4 - 연구 논문 발표 방법

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Outline

- What is "Conference Presentation"?
- Key Consideration in Academic Talk (including conference presentations)
- Preparing Slides
- Oral Presentation
- Handling Questions

What is "Conference Presentation"?

- Short talk: Usually 10-20 minute.
- Audience often consists of students and academics.
- Presentations are categorized by topic - *Sessions*.
 - Not everyone will have prior knowledge of your subject.
- Primary goal is to get people interested in your work.
- Due to time constraints, you won't be able to delve into every detail. Focus on a big picture.

Monday, 7 August 2023

PDT

Expand All Collapse All

Time	Type	Session / Presentation	Contributors	Location	Tag	Add to schedule
10:45am - 12:15pm PDT	Technical Paper	A Material World	Tamy Boubekeur	Petree Hall D	Reg Levels FC FCS VC VCS EFC	+
10:45am - 12:15pm PDT	Technical Paper	Geometric Optimization	David Bommes	Petree Hall C	Reg Levels FC FCS VC VCS EFC	+
10:45am - 12:15pm PDT	Technical Paper	Motion Recipes and Simulation	Yi Zhou	Room 502 AB	Reg Levels FC FCS VC VCS EFC	+
2pm - 3:30pm PDT	Technical Paper	Character Animation: Knowing What To Do With Your Hands	Michael Neff	Petree Hall C	Reg Levels FC FCS VC VCS EFC	+
2pm - 3:30pm PDT	Technical Paper	Geometric Abstractions: Not Just for Cubists	Rana Hanocka	Room 502 AB	Reg Levels FC FCS VC VCS EFC	+
2pm - 3:30pm PDT	Technical Paper	Image and Video Editing	Michael Wimmer	Petree Hall D	Reg Levels FC FCS VC VCS EFC	+
3:45pm - 5:15pm PDT	Technical Paper	Magical Sketching	Ariel Shamir	Petree Hall C	Reg Levels FC FCS VC VCS EFC	+
3:45pm - 5:15pm PDT	Technical Paper	Procedural Modeling	Manolis Savva	Room 502 AB	Reg Levels FC FCS VC VCS EFC	+
3:45pm - 5:15pm PDT	Technical Paper	XR Displays and Perception: Seeing What's in Front of Your	Gordon Wetzstein	Petree Hall D	Reg Levels FC FCS VC VCS EFC	+

Presentations

2pm - 2:11pm PDT



GestureDiffuCLIP: Gesture Diffusion Model With CLIP

Livestreamed



Latents

Recorded

Authors

Tenglong Ao, Zeyi Zhang, Libin Liu

2:11pm - 2:22pm PDT



Bodyformer: Semantics-guided 3D Body Gesture

Livestreamed



Synthesis With Transformer

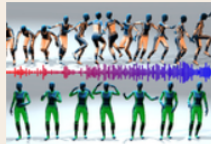
Recorded

Authors

Kunkun Pang, Dafei Qin, Yingruo Fan, Julian Habekost,

Takaaki Shiratori, Junichi Yamagishi, Taku Komura

2:22pm - 2:33pm PDT



Listen, Denoise, Action! Audio-Driven Motion Synthesis with Diffusion Models

Livestreamed



Authors

Recorded

Simon Alexanderson, Rajmund Nagy, Jonas Beskow,

Gustav Eje Henter

2:33pm - 2:44pm PDT



How Important Are Detailed Hand Motions for Communication for a Virtual Character Through the Lens of Charades?

Livestreamed



Authors

Recorded

Alex Adkins, Aline Normoyle, Lorraine Lin, Yu Sun, Yuting

Ye, Massimiliano Di Luca, Sophie Jörg

2:44pm - 2:55pm PDT



Contact Edit: Artist Tools for Intuitive Modeling of Hand-object Interactions

Livestreamed



Authors

Recorded

Arjun Lakshmipathy, Nicole Feng, Yu Xi Lee, Moshe

Mahler, Nancy Pollard

2:55pm - 3:05pm PDT



Synthesizing Dexterous Nonprehensile Pregrasp for Ungraspable Objects

Livestreamed



Authors

Recorded

Simi Chan, Albert Wu, G. Konan Liu

Key Considerations in Academic Talk

Academic Talk

- Academic talk: Formal presentation or lecture given in an academic or scholarly context.
- Conference presentations, seminar / workshop presentations, guest lectures, thesis defense, job talk, ...

What is Goal of Your Presentation?

- What is your presentation goals? What do you want the audience to know about your work?
- Primary goal of **conference presentations** is to get people interested in your work.
 - To enhance the visibility of your research (and you).
- How about seminar / workshop presentations, guest lectures, thesis defense, job talk, ... ?

Always Know Your Audience

- Audience! Audience! Audience!
- Conference presentations are categorized by topic - *Sessions*.
 - Not everyone will have prior knowledge of your subject.
- How about seminar / workshop presentations, guest lectures, thesis defense, job talk, ... ?
- Avoid lengthy basic content with experts, but provide essential background for a more general audience.

Focus on Big Picture

- First rule to remember is **"don't get lost in the details"**.
- Focus on "big picture" - Emphasize the important issues or significant contribution of your work.
 - Minimize the focus on specifics, like details of the literature, equations, or statistical values.
 - Use the presentation to encourage the audience to read the paper.
- But note that it varies depending on the presentation type, purpose, and duration.
 - How about seminar / workshop presentations, guest lectures, thesis defense, job talk, ... ?

Preparing Slides

Preparing Slides

- Slides should convey ideas, not details.
 - For the audience, listening to your presentation cannot substitute for reading your paper.
- Organize slides to emphasize big picture.
- Goal is to present material in visually appealing way so main points are obvious.

Tips for Preparing Slides

- Have one main idea per slide
- Bullet key points
 - Don't use complete sentences
- Generally, limit yourself to no more than about 4-5 major bullets per slide
 - Some designers use the 6 x 6 rule: no more than about 6 lines of text with 6 words per line
- Avoid blocks of text
- Fill in details verbally or refer to your paper

Duration Per Slide

- Each slide usually takes 30 seconds - 2 minutes depending on
 - Content of each slide
 - Your personal speaking style
 - (Your advisor's presentation style)
- Too many slides:
 - You won't have sufficient time to cover all of them.
 - As a result, your presentation may run long, or you might need to skip some slides.
- Too few slides
 - Your audience will get bored having to look at the same slide for an extended time.

Use Visuals

- Use figures / videos / graphs to add interest and support the content.

Typical Organization

- Title / Author
- Motivation / Goal
- (Outline)
- Related work / Background information
- Your method
- Results
- Summary / Conclusion / Future work

- Think flexibly
 - Sometimes, displaying the results early can be an effective way to engage the audience's interest.

Example

- <https://cgrhyu.github.io/publications/2017-perf-based.html>
- <https://cgrhyu.github.io/publications/2010-data-driven.html>

Oral Presentation

Tips for Oral Presentation

- Practice, practice, practice
- **Make eye contact with audience members**
 - Do not read slides. Do not read notes. Minimize the use of notes.
- Stay within the time limit
 - Use a watch or smartphone to monitor the remaining time
- Speak **enthusiastically** about your research
- Don't apologize for being nervous or unprepared

Tips for Oral Presentation

- Get accustomed to the presentation room's ambiance:
 - (Before the conference) Talk to someone else who has presented or attended a similar event
 - (At the conference) Check room in advance. Attend earlier sessions.
 - Remember all the bad presentations you've seen – Don't do those things
- Attitude:
 - Express enthusiasm without being overwhelming
 - Show confidence without coming across as arrogant
 - Maintain a natural, professional tone, avoiding a news anchor-like style

Handling Questions

Handling Questions

- If a question is asked that is hard for other members of the audience to hear, repeat the question so everyone knows what was asked.
- Keep answers brief and on topic
 - Give the "answer" to "that question"
 - Avoid long one-on-one discussions
- If you can't answer questions that's alright. "That's a very good question. I hadn't thought of that before..."
- Finish by asking person who asked that question if you answered it sufficiently for them
- Always be respectful

After Q&A Time

- Take time after the session to meet with those who have more extensive questions.
- After the conference, respond to e-mail inquiries you may receive. Posting your paper and slides online can be helpful.

Resources

- James D. Lehman, Tips for Successful Conference Presentations, Available from https://web.ics.purdue.edu/~lehman/edci59100/Conference_Presentation_Tips.pdf (last accessed Oct 12, 2023)
- Marlina Davidson, Tips for Presenting Your Research at Conferences, Available from https://www.unomaha.edu/college-of-information-science-and-technology/_files/docs/round-tables/tips-for-academic-presentations-mdavidson.pdf (last accessed Oct 12, 2023)

Next Time

- Next lecture:
 - 연구 논문 발표

발표 일정 신청 방법

- 10월 19일 ~ 11월 30일 7회의 수업에 걸쳐 하루에 5 or 6명 발표
- LMS 토론 게시판 - 각 발표 일자별 토론글 - 댓글로 학번과 이름을 기입하여 신청.
 - 하루 최대 인원 6명. 선착순으로 선정.
- 오늘 수업 종료 후 바로 토론글을 공개할 예정.
- 모든 수강생은 오늘 안에 단 하나의 날짜를 정해 신청해야 하며 확정된 결과는 내일 공지를 올릴 예정.
- 오늘 안에 신청하지 않는 수강생은 임의로 발표일자를 배정할 예정.

How to Apply for Presentation Schedule

- From October 19th to November 30th, there will be 7 sessions with 5 or 6 presentations per day.
- Apply by commenting on the discussion post, with your name and student ID, for each presentation date on the LMS discussion board.
 - **A maximum of 6 participants per day** will be selected on a first-come, first-served basis.
- **I'll publish the discussion post right after today's class ends.**
- **All students must select a single date for presentation by the end of today, and the confirmed schedule will be announced tomorrow.**
- **Students who do not make a selection today will have their presentation date assigned randomly.**

발표

- 발표 자료는 본인의 발표일 당일까지 제출. 각 발표일에 해당하는 과제를 만들어 둘 것임.
- 모든 수강생이 발표
- 발표 시간: 13분, 질의응답: 2분.

발표

- 오늘 강의의 내용을 충실히 반영하여 발표를 준비할 것.
- 특히 다음 두 가지 사항을 준수하지 못하면 확실한 감점 요인
 - **Make eye contact with audience members. Do not read slides. Do not read notes. (-50%?)**
 - **Stay within the time limit. (-10%?)**
- 발표 일자가 빠를수록 약간의 추가점수 부여

토론

- 제출된 논문에 대한 검토 후, 수업 홈페이지의 토론 페이지에 업로드함
- 업로드된 다른 학생들의 논문을 읽고, comments / 질문을 토론 페이지를 통해서 게시
 - 해당 논문의 저자는 comments / 질문에 대한 답을 해야 함
 - 질의/응답 참여도에 따른 토론 참여도 평가
 - 발표 시간에 현장에서 질문한 학생의 경우, 토론 게시판에 같은 질문을 올리도록 한다.
 - 질문 기한: 해당 논문 발표 후 일주일 이내

평가

- 평가 방법

- 제출한 논문 / 발표자료 및 발표의 우수성/완성도: 70%
- 토론 참여도: 20%
- 출석: 10%