Computer Stimulation Challenge:

Oral Presentation/Performance Notes

# Title page **(1 minute)**

1. Give the name of your Team
2. Introduce your team members and responsibilities
3. Give the name of your prosthetic design
4. Thank the judges for their time

# Introduction- refer to your “abstract” from your technical paper **(2 minutes)**

1. A brief summary of your project-Abstract (2 minutes max)
2. Give an agenda- a chronological outline of what you are going to say
   1. Example: “First I will give background information on computer stimulation, next I will talk about our purpose for pursuing this challenge, and lastly I will give an in-depth description of our stimulation”

# Background Information- refer to the “introduction” section of your technical paper **(2 minutes)**

1. Provide an overview of your team’s purpose or motivation for the computer stimulation
2. Give an overview of the research you conducted prior to starting your stimulation
   1. Ex. Articles used for the theme of your stimulation- solar system, immune system, food chains, etc.

# Discussion of Stimulation Design Process **(4 minutes)**

1. Discuss your teams’ computer stimulation development (Approach to problem, app format, user-friendliness etc.)
2. Discuss the rationale of your stimulation
   1. Who would use this stimulation design? In other words, who is your customer?
   2. How long did it take to create the stimulation design
3. Explain model and visualization of your stimulation
   1. What is the logic behind the stimulation?
   2. What graphics were used to show the results of the model?
      1. What kind of animations were used?
4. What are the main functions of your stimulation?
   1. What are the intended actions of the stimulation?
   2. What is the learning target of the stimulation?
5. Challenges during testing
   1. Point out three or four engineering/technology/math/science/coding challenges
   2. How did you overcome these challenges?
6. Take-away (refer to your “conclusion” and “recommendations” section of your technical paper)
   1. How would take your stimulation to the next level?

# Conclusion **(1 minute)**

1. Ask if the judges have any questions
2. Thank them for their time and consideration

# App Stimulation Performance **(5 minutes)**

1. Refer to app performance scoring criteria