<table>
<thead>
<tr>
<th>Name of Faculty Member (Title)</th>
<th>Hajime ASAMA (Professor)</th>
</tr>
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<tbody>
<tr>
<td>Name of Graduate School / Institute</td>
<td>Graduate School of Engineering</td>
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| Research Topic & Research Description | Effect of Sensory Information on Human Movement  
Human brains can successfully incorporate sensory feedback from environment to achieve daily movement. However it has not been fully clarified what information humans focus on. In this research project, we develop the experimental environment to test effect of sensory information such as vision, sense of equilibrium, or vestibular sensation. These effect will be tested through measurement experiment using motion capture camera, forceplate, and surface electromyography. |
| Special academic conditions required for research | 1) **Prerequisite knowledge and/or specific skill and its proficiency**  
Fundamental knowledge of programming  
If the applicant has an experience of Matlab, that would be better. |
| | 2) **Required study field(s)**  
Engineering, Neuroscience, Biomechanics |
| | 3) **Academic background or research project experience to be considered at selection**  
If the applicant are familiar with the experimental setup such as optical motion capture system or surface electromyography, that would be preferred. |
| URL | http://www.robot.t.u-tokyo.ac.jp/asamalab/en/ |
| Academic Research Areas | Bioengineering  
Biopsychology  
Neuroscience |