

Control of Multi-agent Systems with Python

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Program: 10:00~17:00

- ① Introduction to multi-agent systems and applications (**M. Nagahara**)
- ② Linear algebra and graph theory (**M. Nagahara**)
- ③ Consensus control (**S. Azuma**)
- ④ Coverage control (**S. Azuma**)

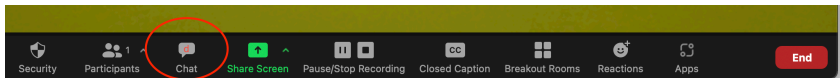
Requirement: Python environment

- We use Python as a programming language for numerical computation in multi-agent systems control.
- We strongly recommend to use **Google Colaboratory** (**Colab** in short), a web browser-based programming environment of Jupyter notebook for Python. You don't need to install any softwares. Just use your web browser, and access
`https://colab.research.google.com/`
- We will explain how to use it later.

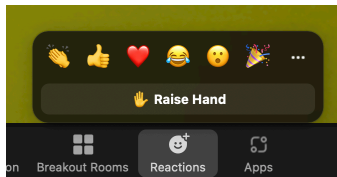


Questions?

- If you have any questions during the presentation, please use **Chat**.



- In the Q & A sections, please use **Raise Hand** in **Reactions** if you want to ask questions using your microphone. You can also use **Chat** in Q & A.



Python programs and lecture slides



https://drive.google.com/drive/folders/1Y0Fu2b3tDS0XsP_YV5NpaGGPeujIrkf1

Are you ready?

Let's get started!