

# SOKENDAI M1 student Kyoko ONISHI

## Our aim

- find more SMBH masses larger than  $10^9 M_{\odot}$
- restrict the two-trend  $M_{\text{BH}} - \sigma$  relation

## Scientific importance

- help us to reach the scenario how SMBHs developed
- suggest a different evolution mechanism with a threshold of  $10^9 M_{\odot}$

