

ASCEM On-the-Fly Motion Correction

Guidelines

(2022.02)

To speed up the implementation of various important experiments, ASCEM is equipped with on-the-fly motion correction service for CEM3/4 users with common parameters based on the past experience of facility

1. Service application: Please choose the requirements while submitting a “[Service Request](#)” on **DAAIS Online Facility Reservation System**.

*Do "on-the fly motion correction"? :	<input type="radio"/> Yes (Default parameter) <input type="radio"/> Yes (User defined parameter) <input type="text"/> <input type="radio"/> No
---------------------------------------	---

- For using preset parameters, please choose “**Yes (Default Parameter)**”.
- For modifying parameters, please reach a consensus with your PI first, then choose “Yes (User defined parameter)” and remark new parameter values.

2. Data transfer and storage

On-the-fly Motion Correction Service	Output files	Default Mode for Data transfer
Use	corrected images	Data is transferred to ASGC by ASCEM.
	raw images	User brings own storage device to ASCEM for data download and saving. (Please contact Facility Managers for exceptions.)
Not Use	raw images	User brings own storage device to ASCEM for data download and saving. (Please contact Facility Managers for exceptions.)

- User data will be periodically deleted to release facility computer resource for continuous data input. Basically, CEM3 will keep experiment data for two months, and CEM4 three months. Any change will be notified by Facility managers.
- The data computing and storage services provided by ASGC will follow the regulations of ASGC, including charging schemes.