Description of Additional Supplementary Files

Supplementary Movie 1: Demonstration of the login process and remote, simultaneous job submissions by two users on the interface node of OCTOPUS.

Supplementary Movie 2: Job parallelization for overlap challenge of modules.

Supplementary Movie 3: Task optimization for overlap challenge of devices.

Supplementary Software: Provides a detailed and step-by-step protocol to assist potential clients in using Copilot of OCTOPUS without difficulty.