

VR Training for cryoEM: Gatan CP3

Track Code: 2019-CHEN-68530

Categories:

- Biomedical Engineering
- Computer Technology

Keywords:

- Employee Training
- Training
- Virtual Reality

Researchers at Purdue University have developed a virtual reality training software to teach users to operate the Gatan CP3 system. This technology allows users to become trained on equipment without the high financial constraints associated with using cryoEM equipment. This technology also offers organizations a chance to decrease the machine time that must be set aside for training, as much of a user's training could be completed in a VR environment.

Advantages:

- Does not require access to equipment (significant cost savings)
- Reduces machine time that must be dedicated for training

Applications:

- Training for use of Gatan CP3

People:

- Chen, Yingjie (Project leader)
- Jiang, Wen
- Sors, Thomas G
- Watson, William Randal

Intellectual Property:

Contact OTC:

Purdue Office of Technology Commercialization
The Convergence Center
101 Foundry Drive, Suite 2500
West Lafayette, IN 47906

Phone: (765) 588-3475

Fax: (765) 463-3486
Email: otcip@prf.org