

Atomic Modeling and Validation in Cryo-EM

PACIFIC NORTHWEST
Cryo-EM
Center

September 3 - 5, 2025
8:00 AM - 2:30 PM PDT

Explore current methods, best practices, and potential pitfalls of atomic modeling in cryo-EM. Join our virtual workshop to hear from software developers and end users discussing:

- Manual and automated model building, refinement, and validation
- Assessment of model-to-map fit and overfitting
- Use of tools such as AlphaFold
- Modeling of novel ligands and nucleic acids
- Use and pitfalls of post-processing approaches

Speakers Include:

Paul Emsley (MRC-LMB)
Grzegorz Chojnowski (EMBL)
Pavel Afonine (LBNL)
Mark Herzik (UCSD)
Tom Goddard (UCSF)
Michael Chapman (U. Missouri)
Ewan McRae (Houston Methodist)

Justin Flatt (RCSB)
Oliver Clarke (Columbia U.)
Daisuke Kihara (Purdue U.)
Greg Pintilie (Stanford)
Dominika Borek (UTSW)
Tom Mulvaney (CSSB)
Aaron Sweeney (CSSB)

All are welcome to attend! Registration is at no cost but sign up is required:

<https://tinyurl.com/Cryo-EMModeling>



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about PNCC!

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Now!

