



# Cryo-EM: the next 50 years

Symposium Agenda

Saturday, January 11th, 9AM-5PM

105 Stanley Hall / zoom webinar link: <https://berkeley.zoom.us/j/99360404320>

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- 9:00** Welcome and opening remarks: Eva Nogales
- First session - Chair: Hongwei Wang**
- 9:10** Kenneth Taylor – “My first half century in Cryo-EM; my plans for the next half century.”
- 9:35** Richard Henderson - Value of Rosenthal plot for critical evaluation in Cryo-EM.”
- 10:00** Joachim Frank – “Biomolecular reactions, seen by time-resolved Cryo-EM.”
- 10:25** Coffee break
- Second Session - Chair: Bob Glaeser**
- 11:00** Holger Mueller – “Laser phase plate for transmission electron microscopy.”
- 11:25** Chris Russo – “What is the best temperature for electron microscopy of biological molecules?”
- 11:50** Peter Denes – “Making Electrons Count.”
- 12:15** Lunch in the atrium  
Thermo Fisher Scientific presentation in auditorium: Steve Reyntjens – “CryoFIB – a tiny slice of life”
- Third Session - Chair: Paul Adams**
- 13:15** Nigel Unwin – “Cryo-EM of acetylcholine receptors in their natural membrane: an insight into the future.”
- 13:40** Bridget Carragher – “Tools and technologies for accelerating Cryo-ET.”
- 14:05** David DeRosier – “Where in the cell is my protein.”
- 14:30** Coffee break
- Fourth Session - Chair: Alexis Rohou**
- 15:00** Bronwyn Lucas – “Towards single molecule Cryo -EM in cells.”
- 15:25** Elizabeth Villa – “Expanding the Toolkit for Structural Cell Biology.”
- 15:50** Julia Mahamid – “Enabling discovery by in cell structural biology.”
- 16:15** Wolfgang Baumeister – “Cryo-electron tomography: The power of seeing the whole picture.”
- 16:40** Concluding remarks: Wah Chiu
- 17:00** Symposium ends