

## Elettra 2.0: New Structural Biology Opportunities



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# Application of cutting-edge cryo-EM methodologies to study DNA replication and repair

*Monday, July 3, 2023 3:10 PM (30 minutes)*

Cryo Electron Microscopy (cryo-EM) has revolutionized structure biology, allowing direct visualization of entire molecular machines at atomic resolution. In this talk, I will outline some of the applications of single-particle cryo-EM analysis we use in the lab to investigate the structure and function of enzymes operating in human DNA replication and repair.

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**Session Classification:** Session 2 Cryo-Electron Microscopy Chair: Rita De Zorzi (Università degli Studi di Trieste)