Hamburg Photon Science Colloquium

ENERGY FLOW IN PROTEINS

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Energy flow during chemical reactions in proteins mediates the evolution and rate of the reaction and contributes to regulating the temperature of the cell. I will discuss the nature of energy flow in proteins from perspectives of protein geometry and structural dynamics and compare with results of time-resolved spectroscopic measurements. Thermal transport properties of proteins provide insights into measurements that appear to indicate local heating arising from chemical reactions in the cell.

FRIDAY,
08.07.2022

2:00 PM

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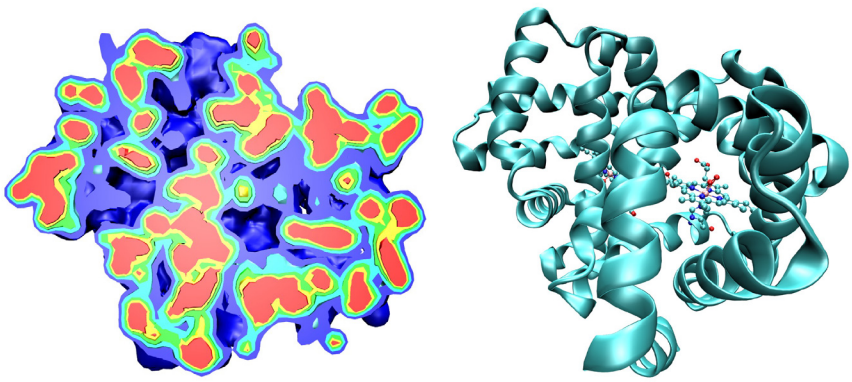

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