## The Evolution of Synchrotron Radiation as a Key Enabling Technology in Structural Biology and Biophysics

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Synchrotron radiation in the x-ray region became accessible for research in the early 1970's in Europe and in the USA. Early experiments on bending-magnet sources demonstrated that remarkable advances could be made in applications which included x-ray scattering and diffraction and x-ray crystallography. This talk will primarily focus on the first protein crystallography experiments and trace the experimental evolution including MAD phasing together with important technical advances that coupled to continue to push the forefront and develop the basis for synchrotron science as we know it today.