

On the topic of “Crystal Structures and their determination”

**Extension/Developments to watch**

- New Light Sources (Big Facilities)
  - National Synchrotron Light Source II (NSLS-II) at Brookhaven National Lab in USA
  - Shanghai Synchrotron Radiation Facility (SSRF)
  - “New Light Source” Project Plan in UK (free electron lasers) [see Plan and Roadmap on web]
- Determining Structures of good/complicated molecules
  - Usually biomolecules (protein structures, etc.)
  - Probe dynamics (how bonds are being broken and formed in real time)