

The Australian Synchrotron Education Program

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Education and Outreach Officer



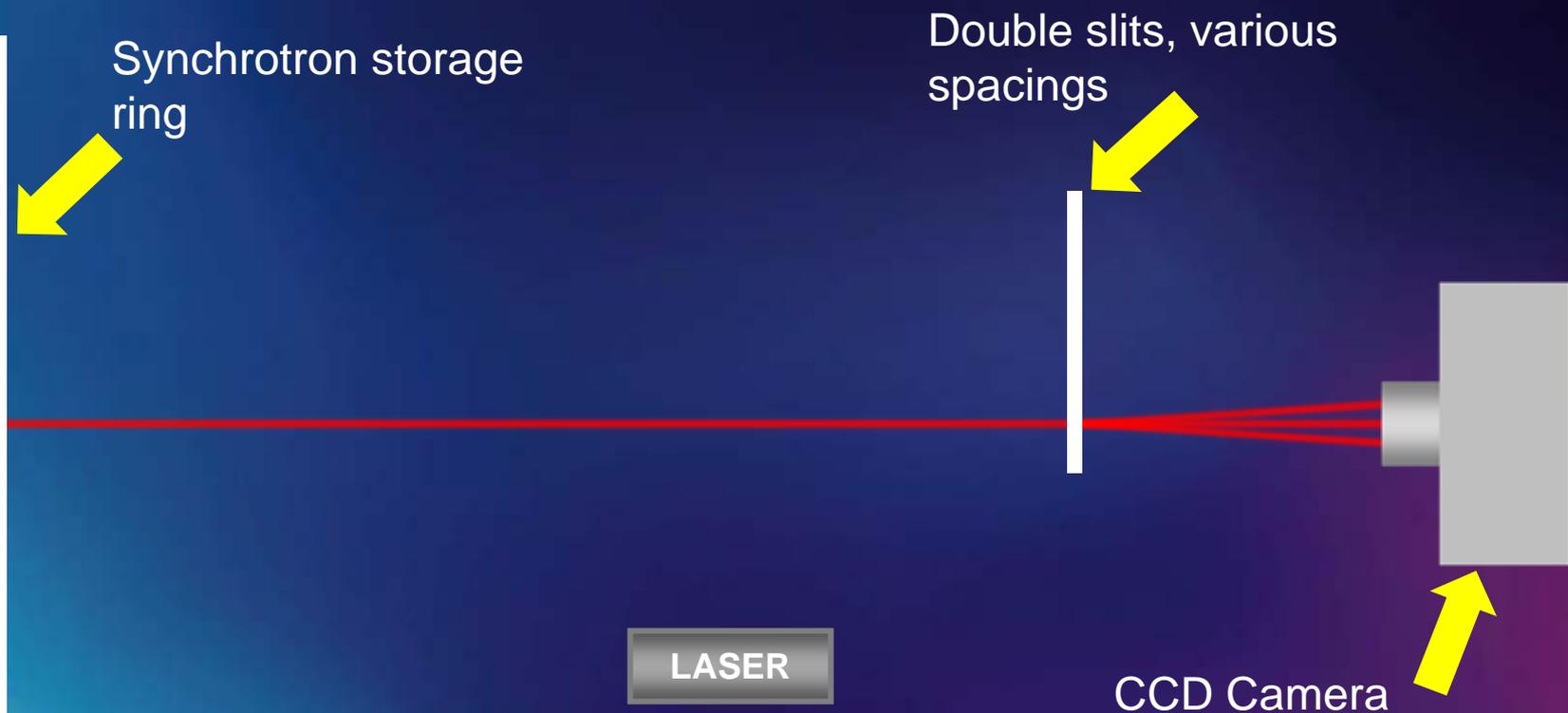
Web-based

eVBL

- Educational Virtual BeamLine
- Real synchrotron light to perform Young's double slit experiment
- Performed in real-time

Web-based

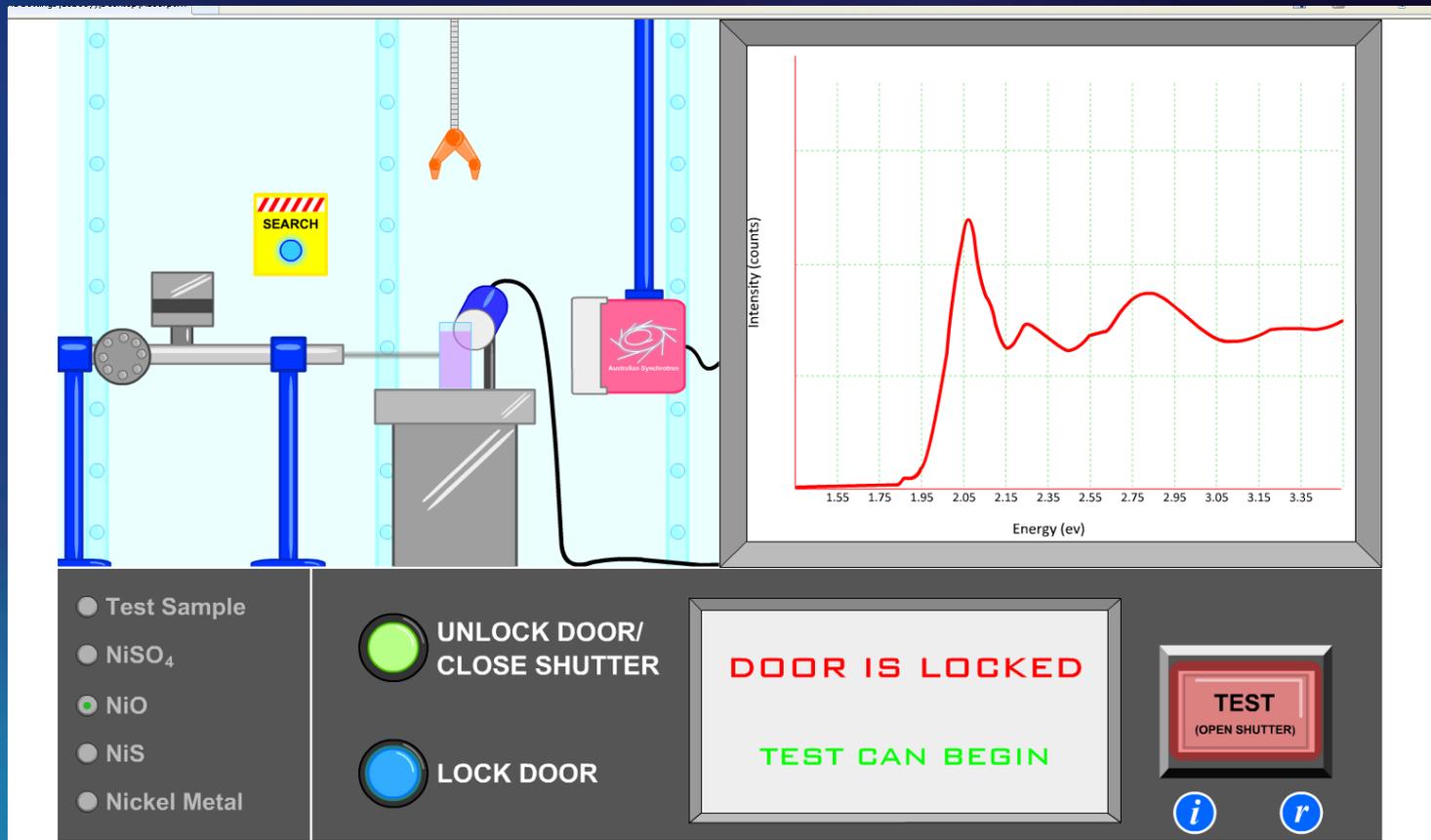
eVBL - Setup



Web-based

Animated Virtual Beamlines

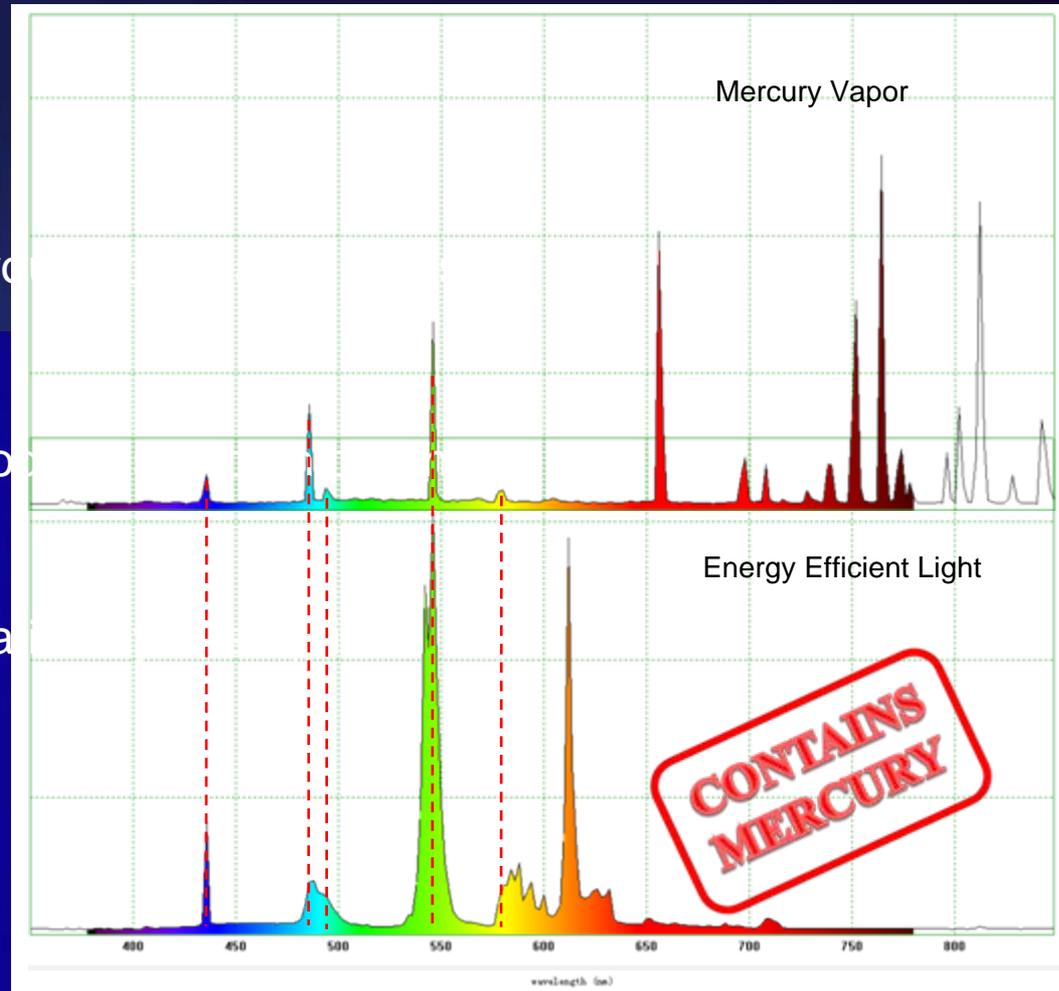
- Under Development for the AS website



Excursions, Pracs and Labs

Proposed labs

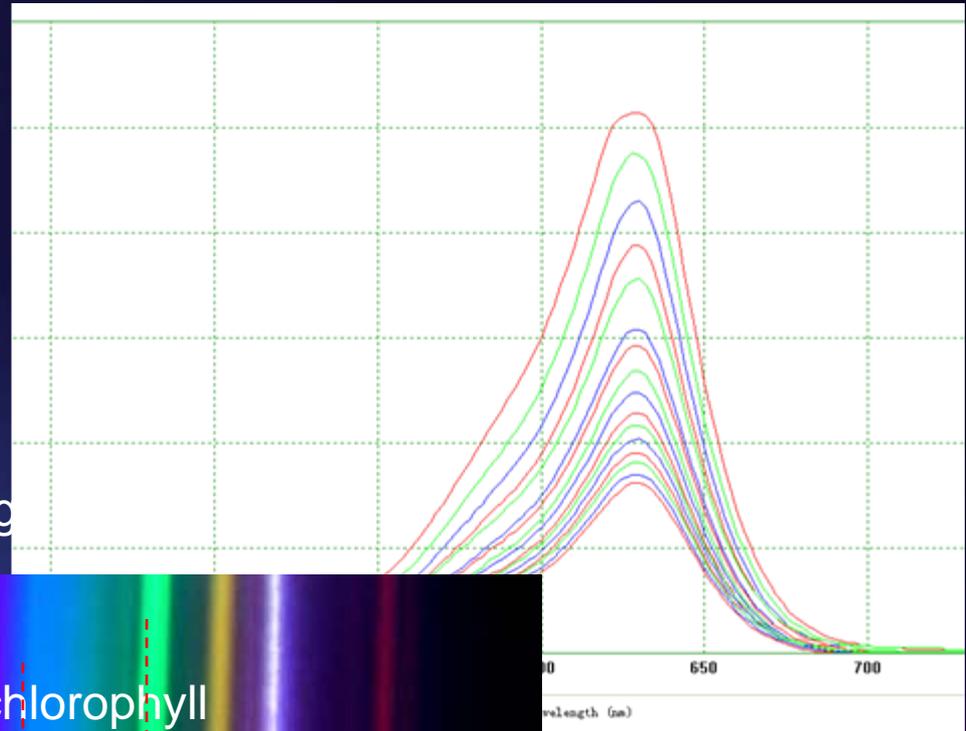
- Spectroscopy techniques
 - Emission spectra through
 - VIS absorption of food
 - Measuring concentra
 - Photoelectric effect



Excursions, Pracs and Labs

Proposed labs

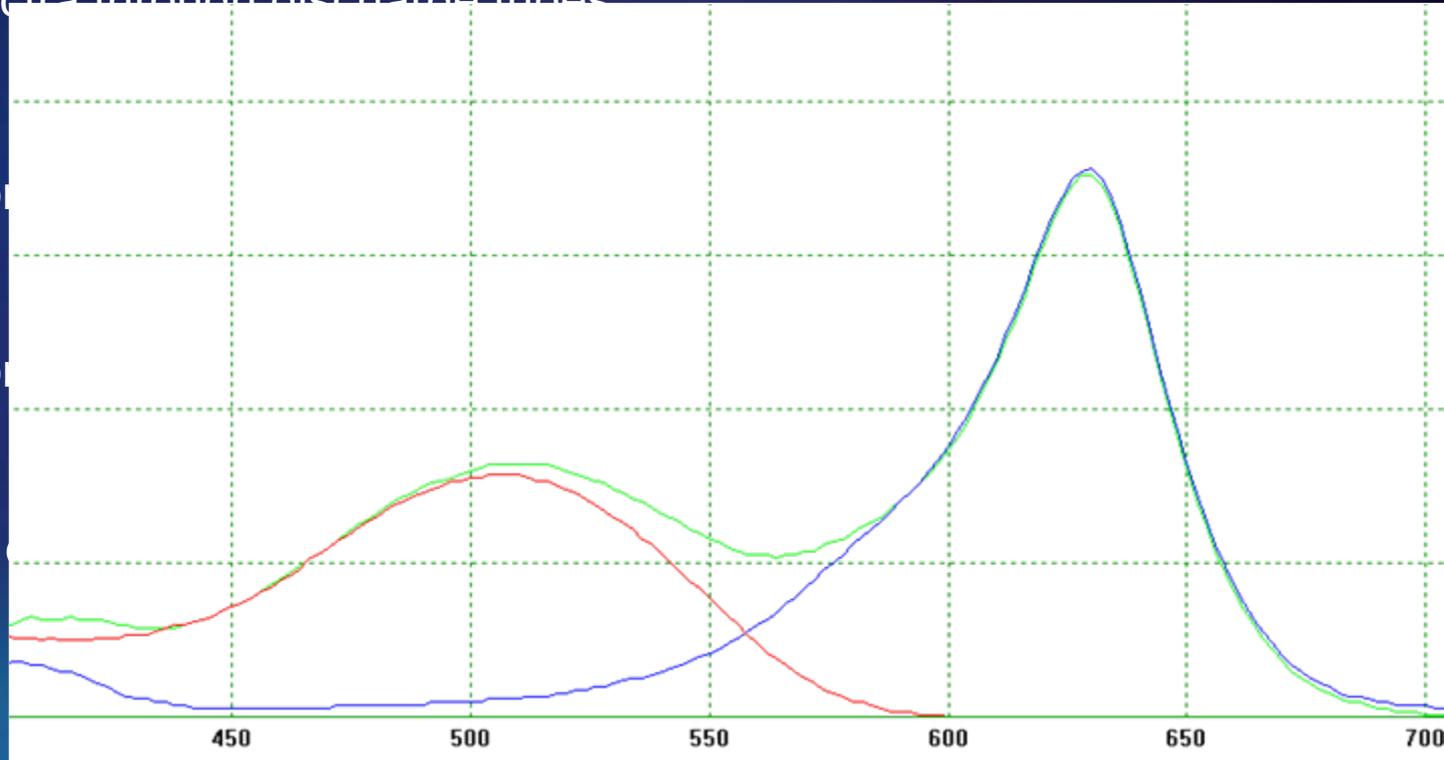
- Spectroscopy techniques
 - Emission spectra through discharge
 - VIS absorption of food dyes and chlorophyll
 - Measuring concentration by absorption
 - Photoelectric effect



Excursions, Pracs and Labs

Proposed labs

- Spectroscopy techniques
 - Emission spectra through discharge tubes
 - VIS absorption
 - Measuring co
 - Photoelectric



Excursions, Pracs and Labs

Proposed labs

- Diffraction and structure determination

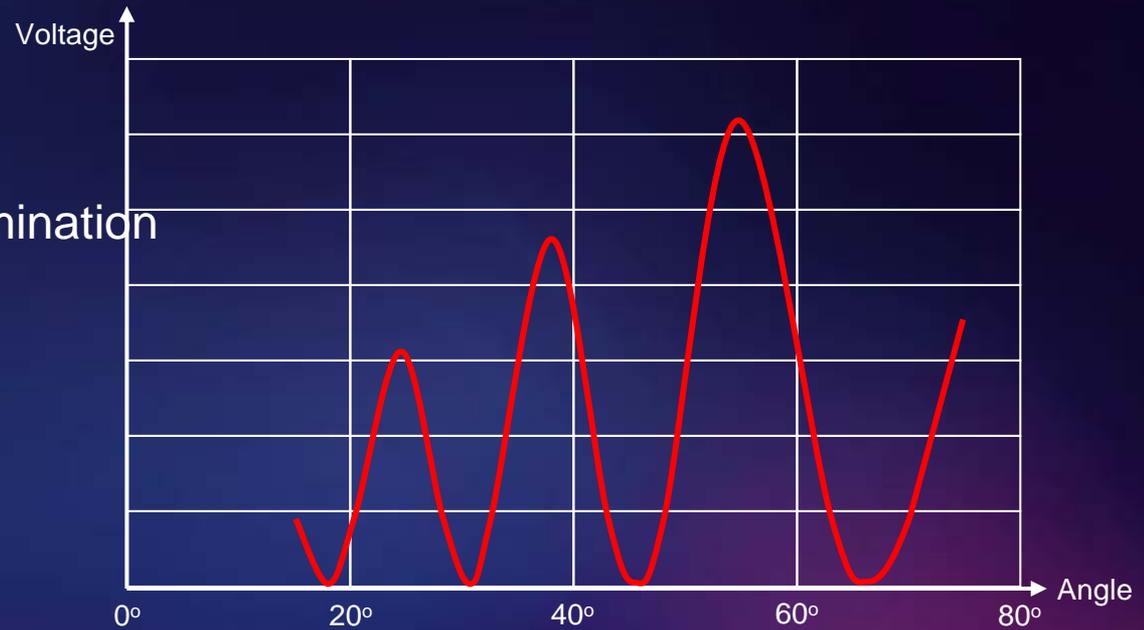
Excursions, Pracs and Labs

Proposed labs

- Diffraction and structure determination
 - Slit diffraction

- CD & DVD Diffraction

- Bragg diffraction of crystal structures



Excursions, Pracs and Labs

Proposed labs

- Diffraction and structure determination
 - Slit diffraction

