

Christmas Lecture 2004

DRY ICE

LIQ N₂

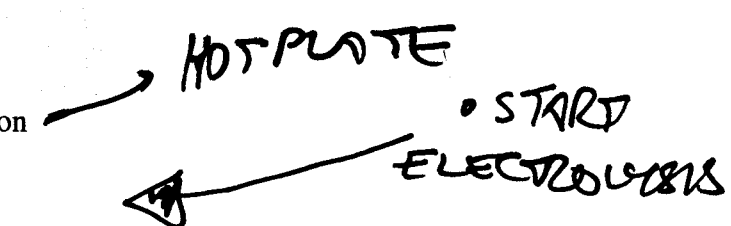
Safety screens – including semi-circular plus 3 flat screens

- Brain
- CO₂ in tubes
- Ozone/toluene absorption
- PICKLES
- Sunset
- Optical rotation
- IODINE THERMOMETER
- Barking dogs
- Phosphorus on gloves
- Phosphorus in flask
- ~~Smoke Rings – Ca₃P₂~~
- ~~Fire flashes – Mg₂Si~~
- ~~Flashing luminescence~~
- Flashing fluorescence
- Mercury beating heart
- HOT COLD METHANE + METHANE/AIR BUBBLES
- H₂/O₂ bubbles
- Hydrogen Harmonica
- H₂ in tin cans
- Pressure explosion (N₂ in coke bottle)
- Pressure explosion (H₂O in Glass + Bunsen)
- N₂F₃
- Fireworks?
- CS₂/NO

HOT PLATE

• START

ELECTROLYSIS



• IODINE + WAVES