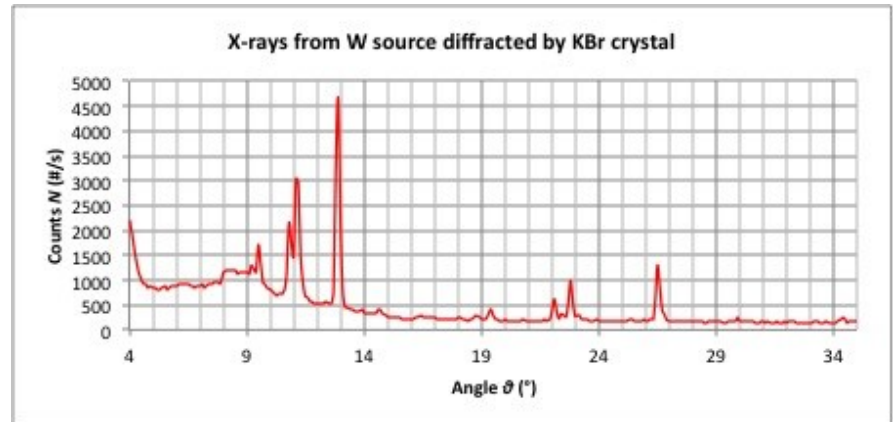
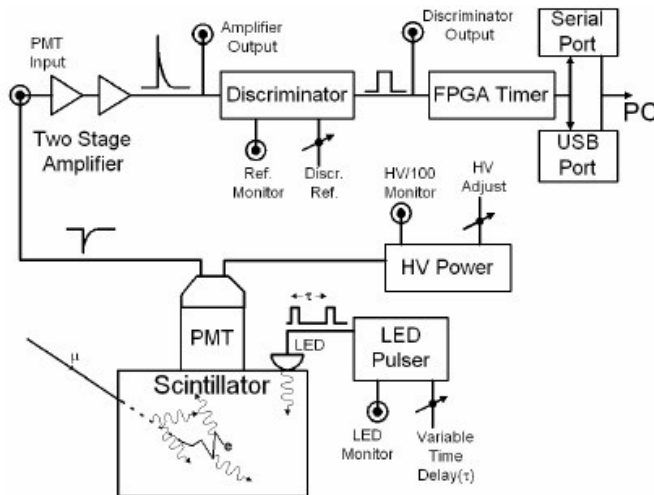
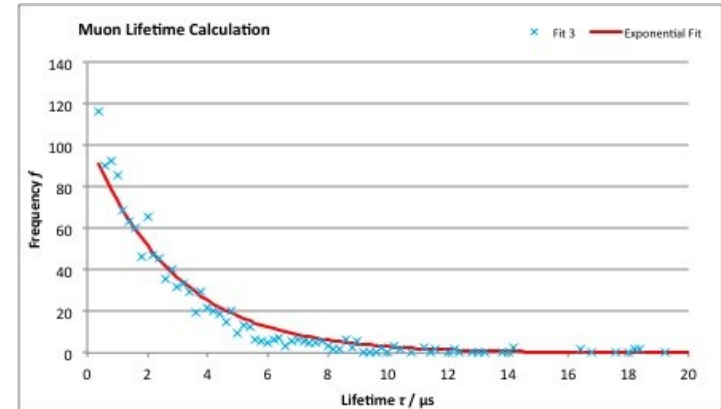
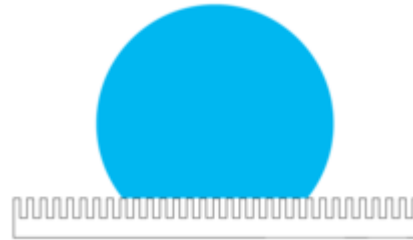


# Last Interlock Investigator LILI

- **Me & physics**
- **My project: LILI**
  - **Task**
    - Saving tool
    - Reading & plotting tool (GUI)
  - **Plan of action**

Maya Dhondt  
PITZ Physics Seminar  
Zeuthen, 25.07.2013

- **CTYI** Theoretical Physics & Computer Applications, 2008-2009
- **University College London**, Physics MSci 2010-2014
  - Main interests: HEP, CMMP
  - Muon lifetime
  - X-Ray spectroscopy
  - Defogging solutions
- **PhD in HEP 2015?**

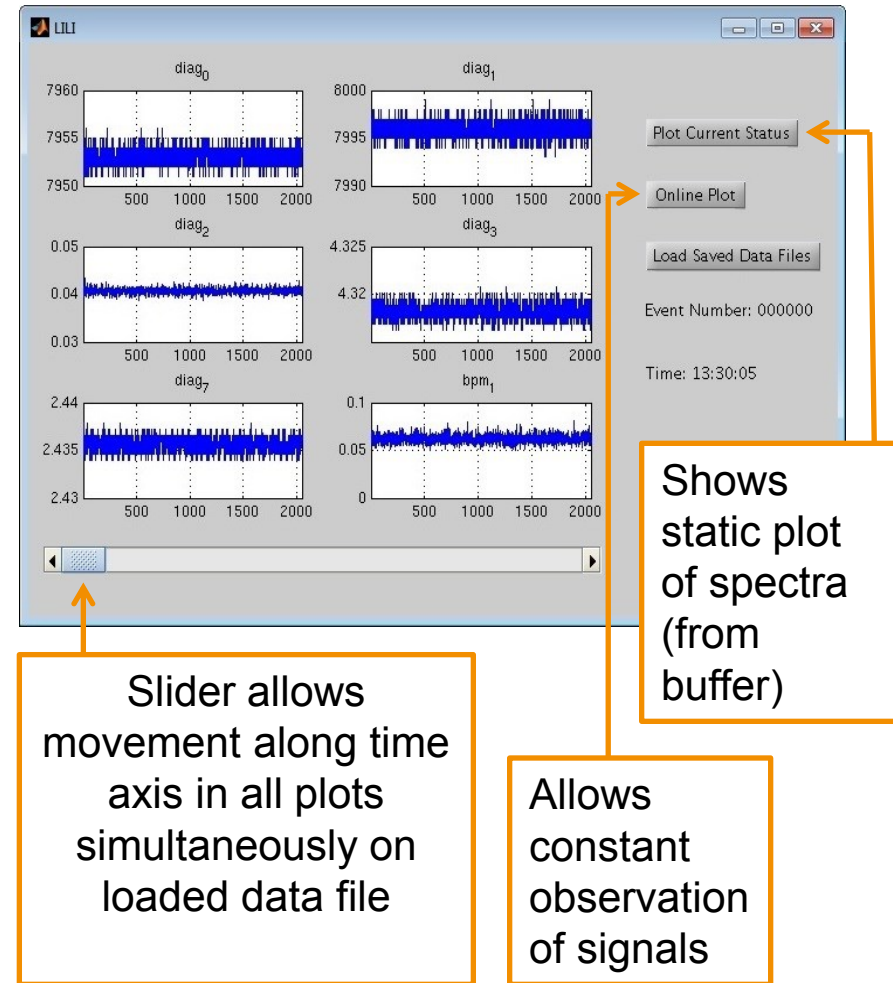


## > Save Tool

- First saving spectra to buffer, then to file
- Two methods
  1. Constant save to buffer -> dump to file
  2. Online save tool analyses signals for spikes and only saves data around event

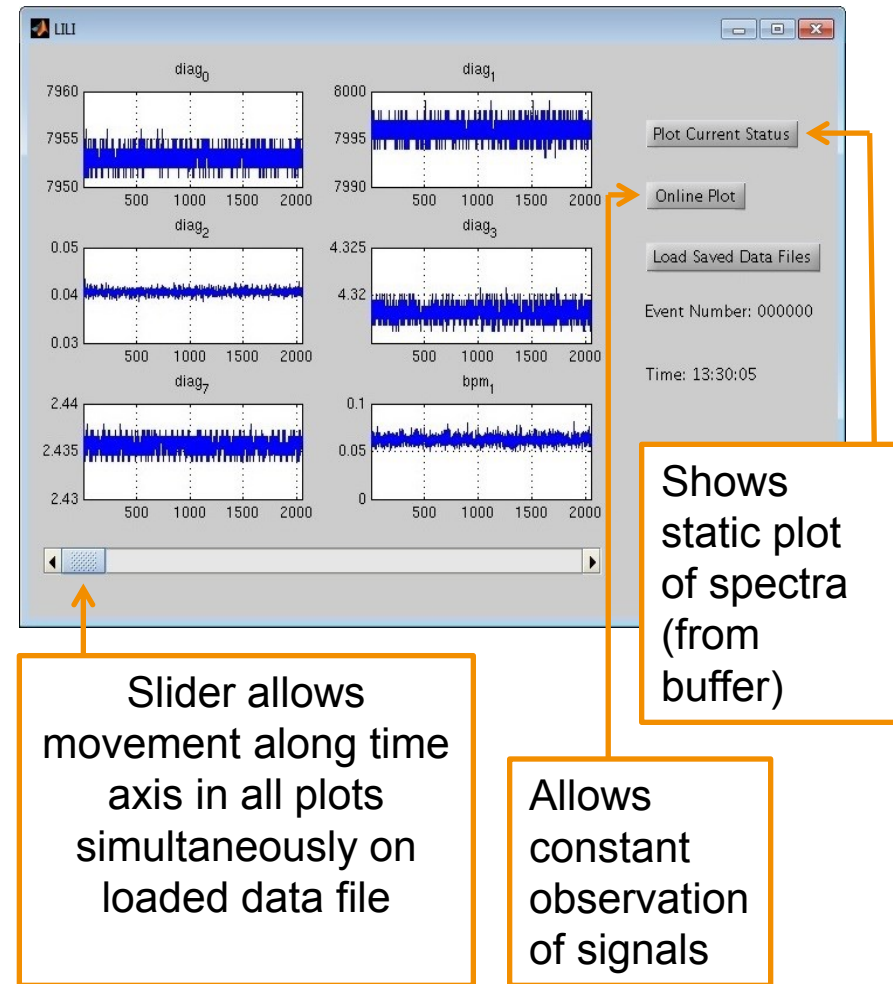
## > Read Tool & Plotting

- GUI



## > Plan of Action

1. Create code for continuously saving data to buffer and then to file
2. Create GUI
3. Create code for method 2
4. Combine methods into single code
5. Rework and improve code (compiled files?)



Thank you for your attention.