

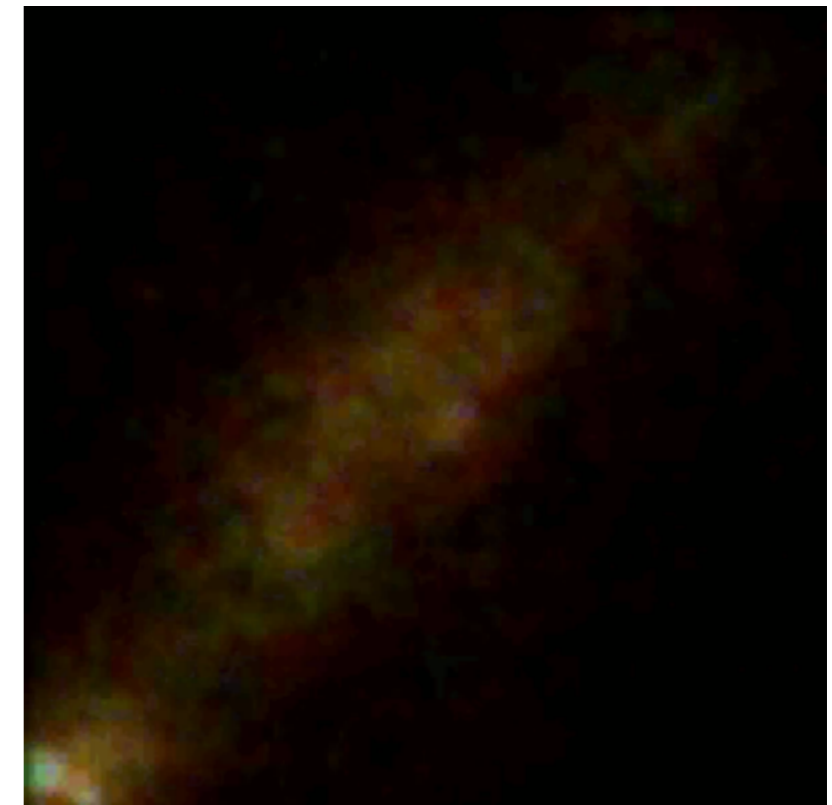
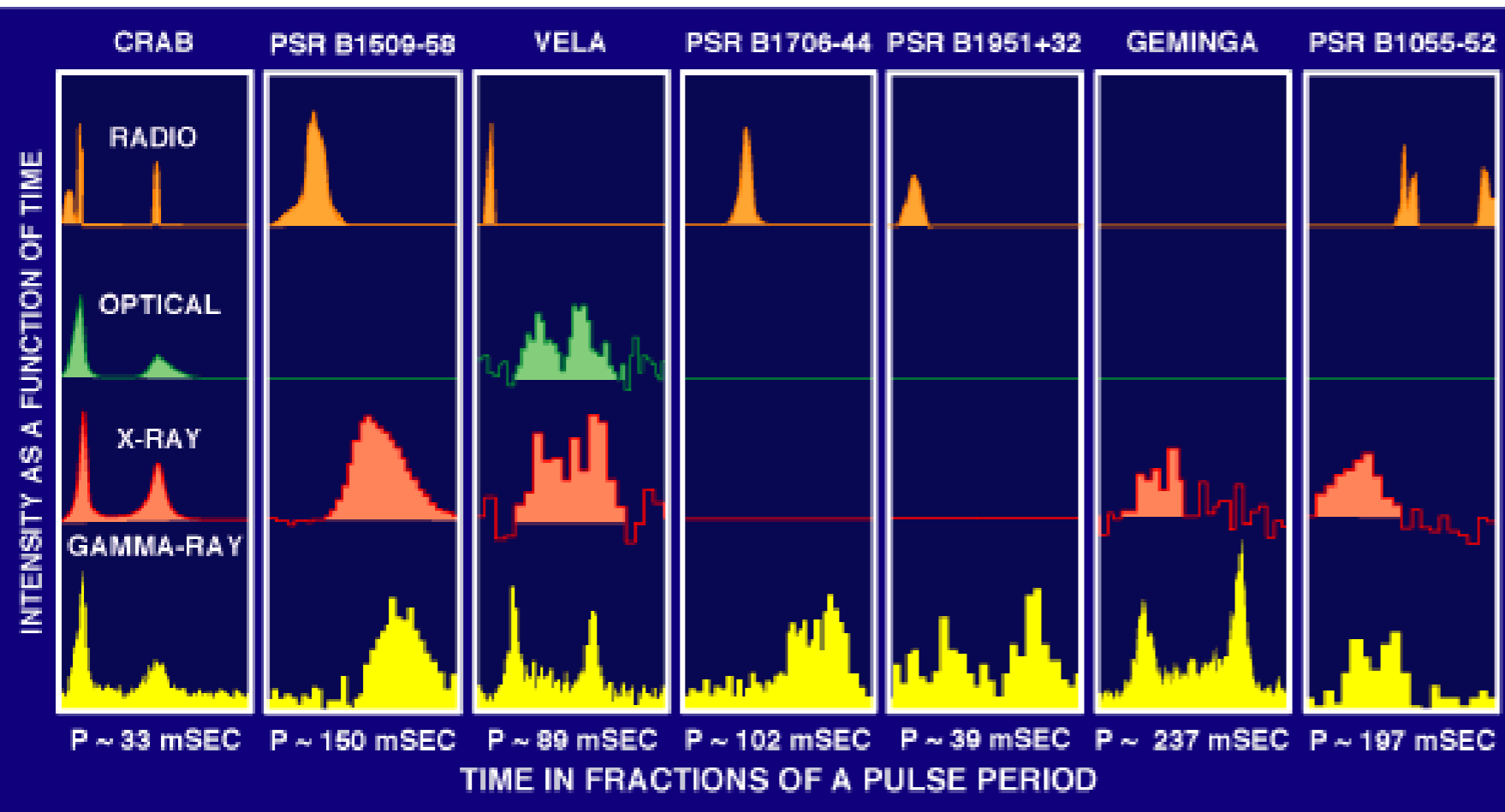
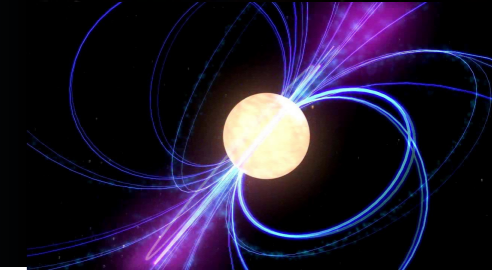
# Periodic Analysis Software Tool (*PAST*)

a modern timing analysis software written in Python

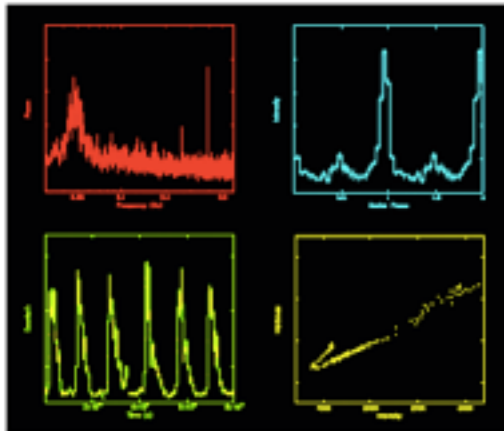
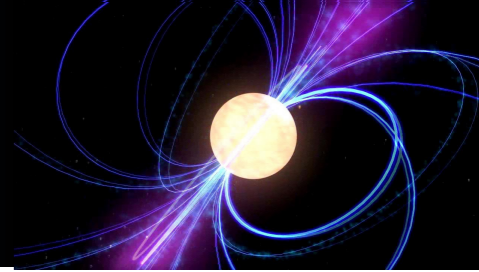


A. Martin-Carrillo  
UCD School of Physics

# Pulse profiles: examples

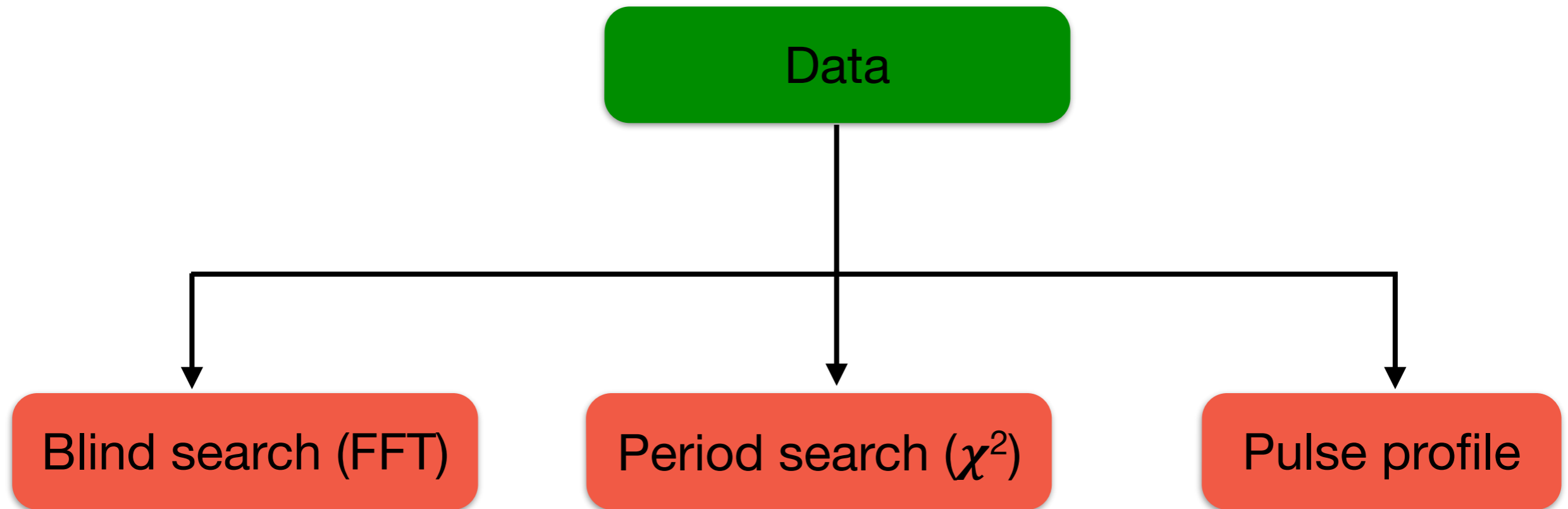


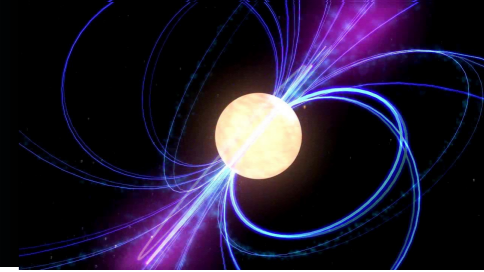
# XRONOS



**Xronos**

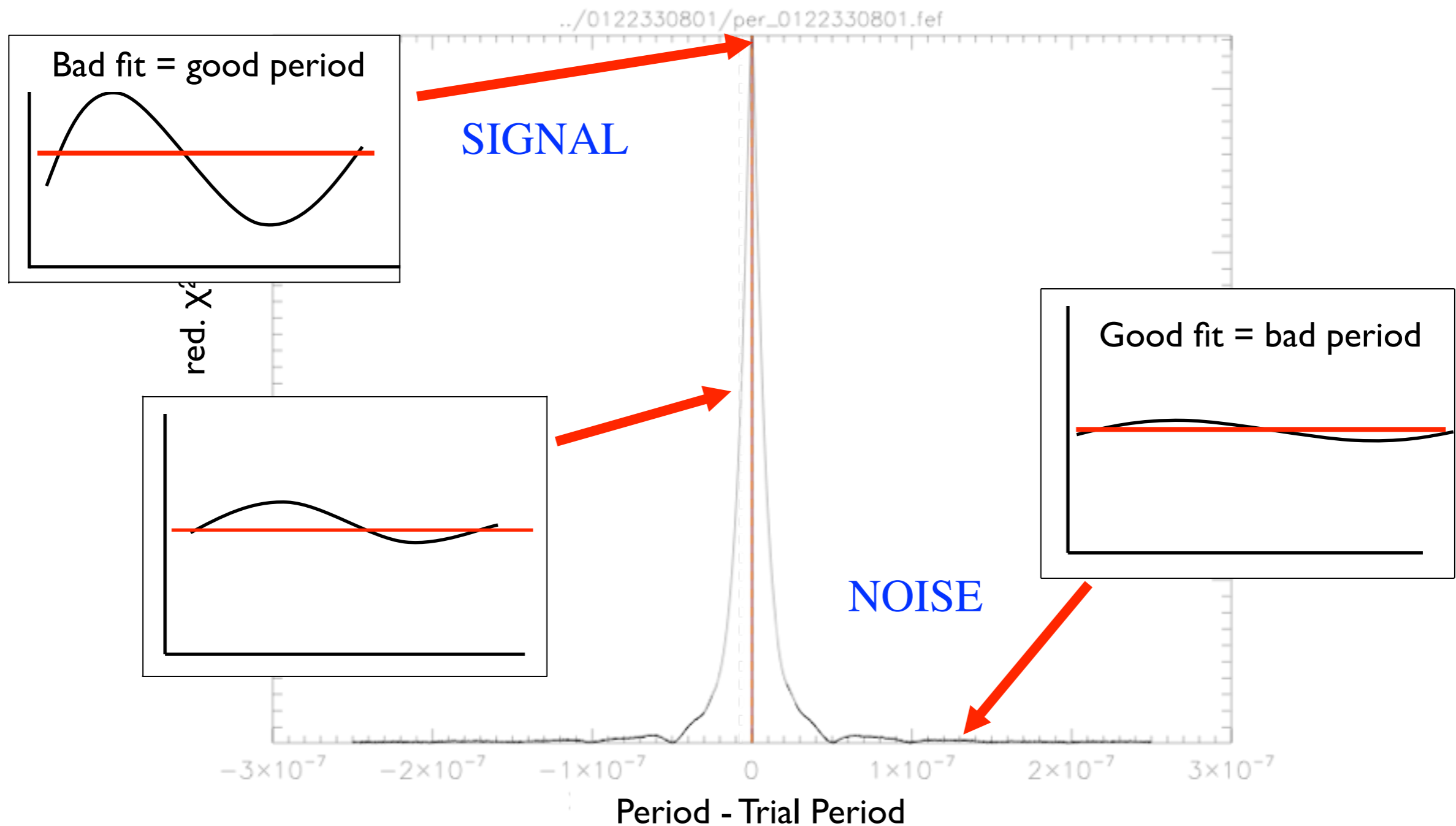
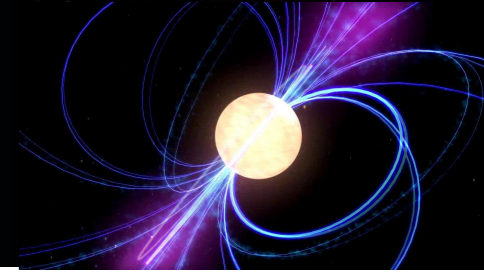
A Timing Analysis Software Package



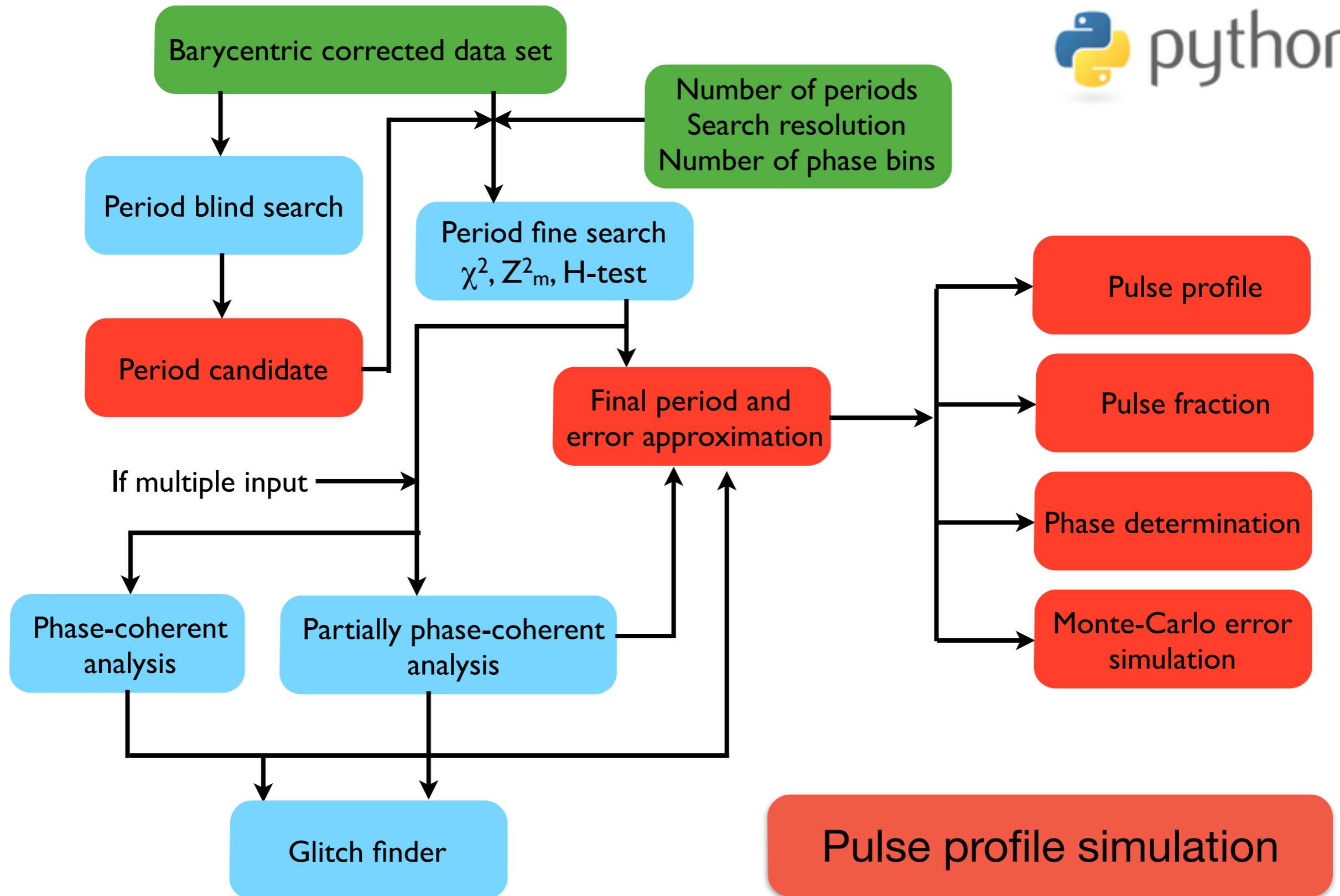
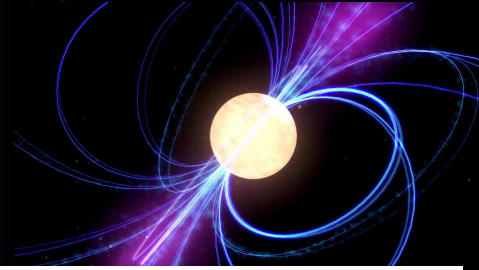


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  dpdot=1.53085E-12\  
  nper=50000 \  
  nphase=10 \  
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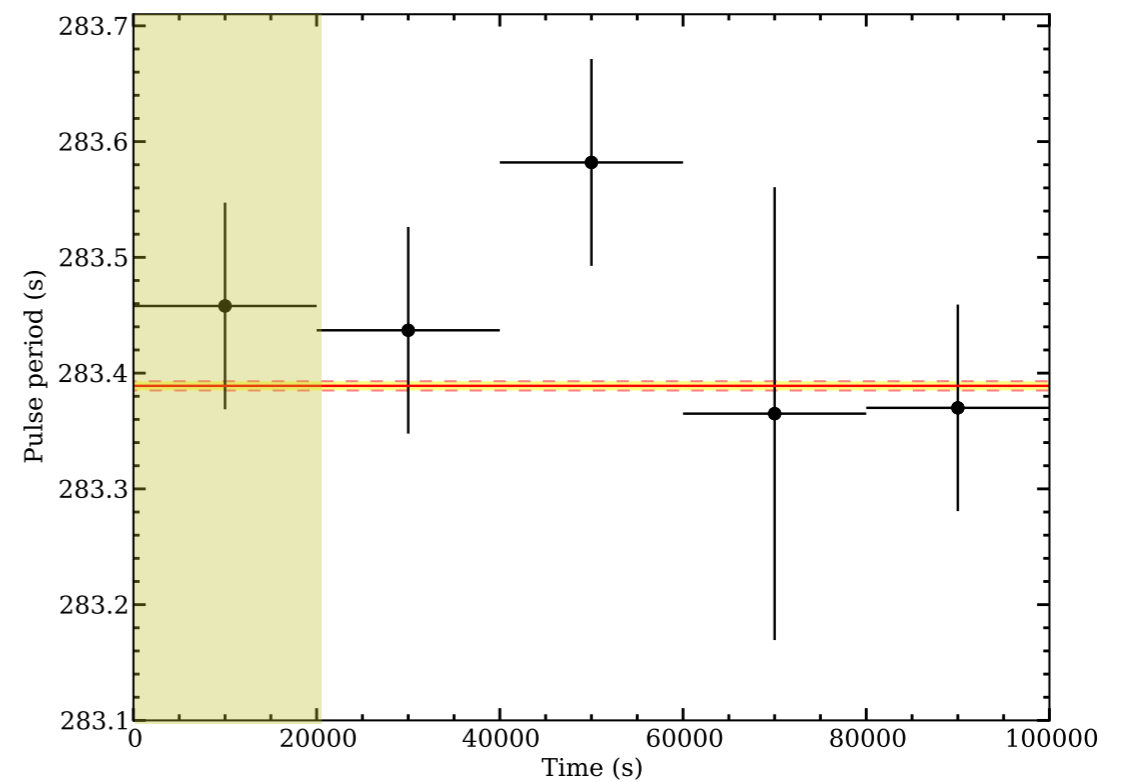
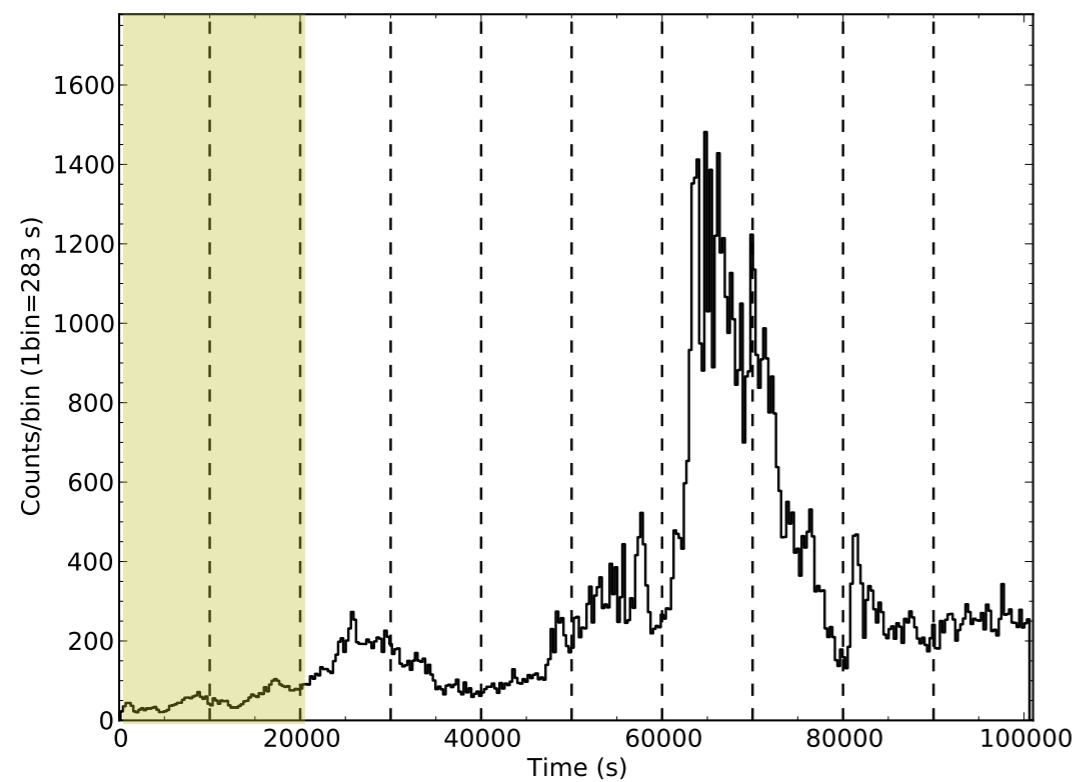
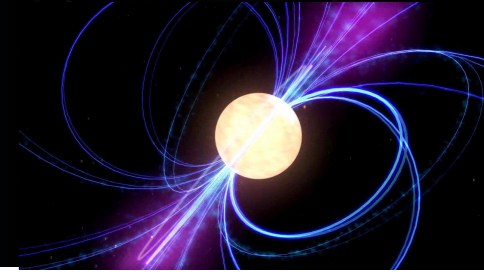
# Period determination



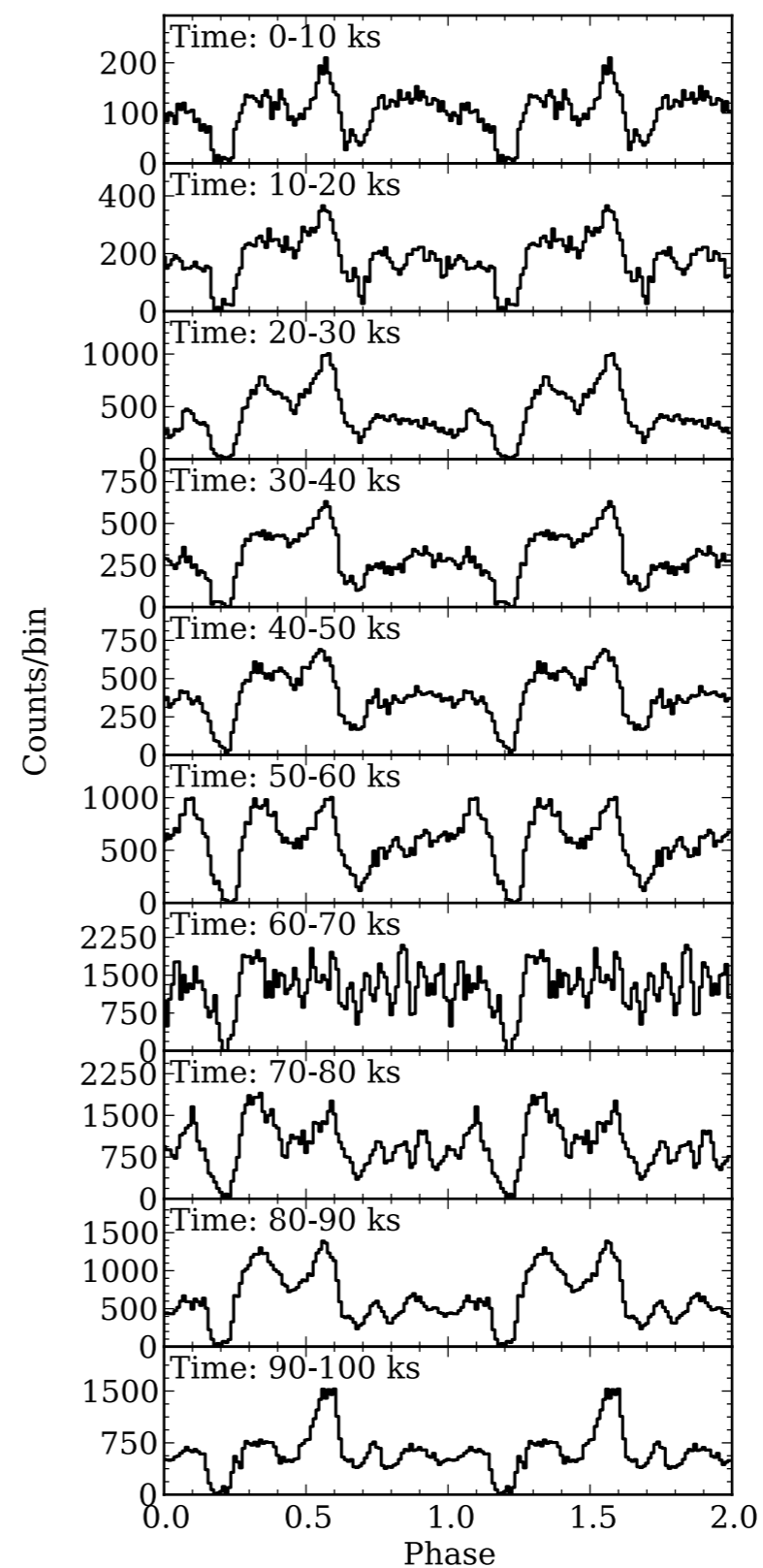
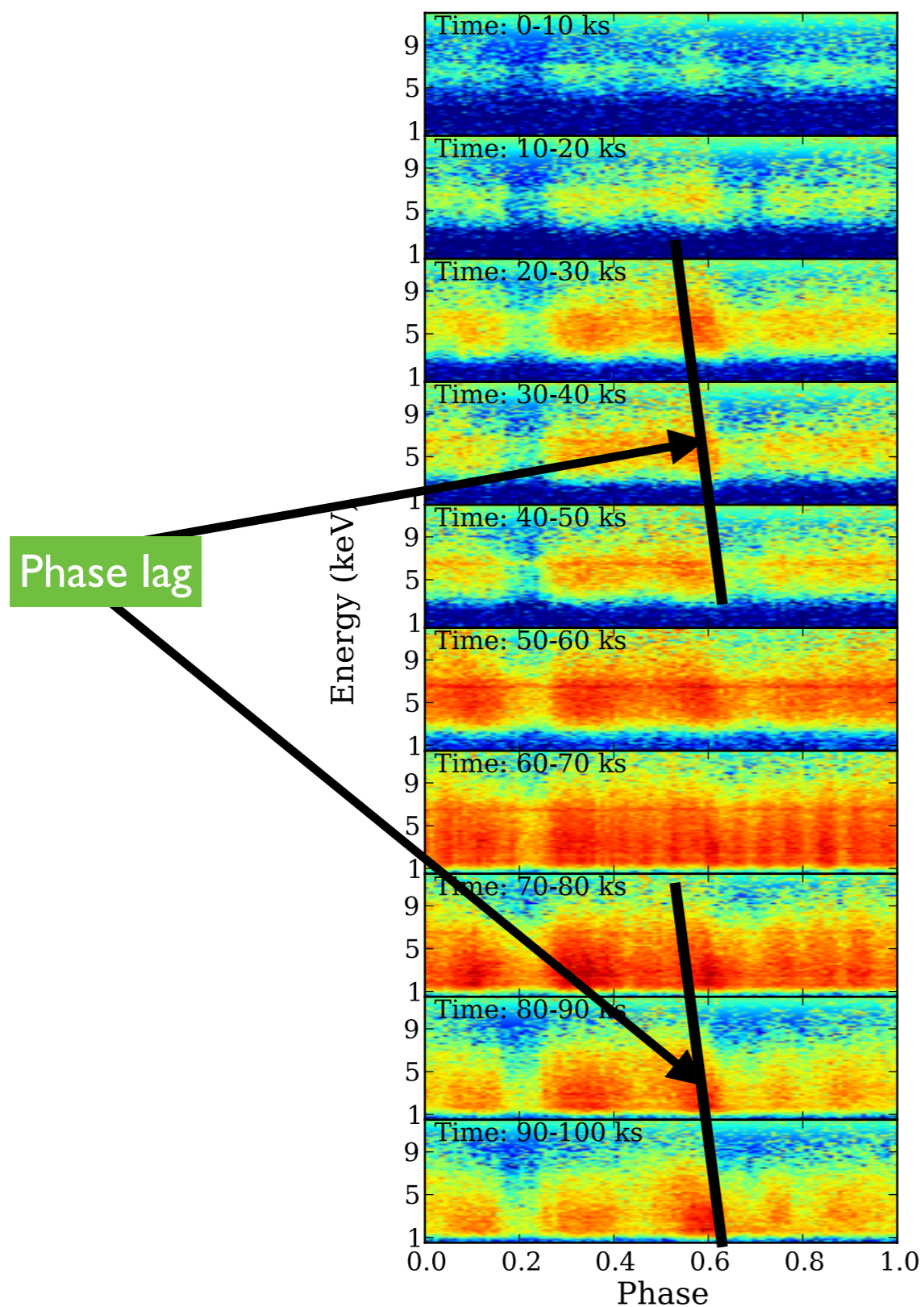
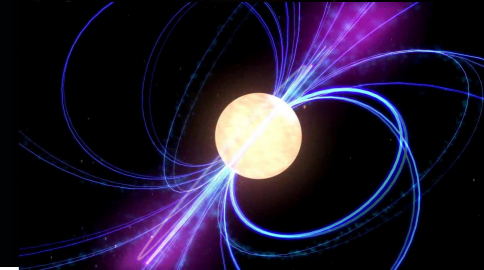
# Periodic Analysis Software Tool (PAST)



# PAST: Period changes



# PAST: Phase energy profiles



# PAST: cross correlation

