

5th Annual Neutron Instrumentation Engineering Workshop OF BEEFINE FOR BEEFINE Open Engineering? 19-21 September 2016 European Spallation Source Lund, Sweden



It's a MESS!!!



Benefits

- Reduced cost
- Reduced risk
- Better designs
- More and better instruments for our money
- A stronger community





Reality

Not so easy

- IP property issues
- Facility funding
- Responsibilities



- Cultural issues
- Competition vs Collaboration



Areas where it works

- Instrument control software
- Simulation tools
- Interface Standardisation

- Places where it works
 - CERN
 - Open Source Software



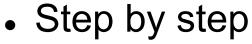
A way forward

- Step by step
 - Low hanging fruit
 - Interfaces
 - Simple devices
 - Tools
 - Existing initiatives





A May forward ...



- Low hanging fruit
- Interfaces
- Simple devices
- Tools
- Existing initiatives





Closing words





Utopia lies at the horizon. When I draw nearer by two steps, it retreats two steps. If I proceed ten steps forward, it swiftly slips ten steps ahead. No matter how far I go, I can never reach it. What, then, is the purpose of utopia? It is to cause us to advance.

(Eduardo Galeano)

izquotes.com

SS