



Contribution ID: 58

Type: **Oral**

## What we did right and wrong

Distributed Software Reliability :

The ESRF is a 3rd generation synchrotron source. It relies extensively on software to function. The ESRF has developed two distributed control system toolkits - TACO and now TANGO, to control the accelerator complex. TANGO has been adopted by at least 9 institutes in the area of synchrotron radiation, laser facilities and experiments. This talk will present what special measures were taken to ensure reliable software in a distributed environment to control and run the ESRF accelerators. It will also present what measures could have been taken but were not taken. Finally it will present how software reliability will be maintained and improved in the future at the ESRF.

**Primary author:** Mr GOTZ, Andy (ESRF)

**Co-author:** Mr CHAIZE, Jean Michel (ESRF)

**Presenter:** Mr GOTZ, Andy (ESRF)