



*The roots of the LHC technology:*

*CERN Centennial Superconductivity Symposium*

**on Thursday 8 December 2011 from 14:00 to 18:00 CERN Council Chamber**

**Rolf Heuer, CERN DG**

*Welcome and opening*

**Martin Wilson (RAL & Oxford  
Instruments, retired)**

*From discovery of Superconductivity to fifty  
years of Superconducting Magnets*

**Hasan Padamsee (Cornell University)**

*50 years of Superconducting RF*

**Akira Yamamoto (KEK)**

*Superconducting Magnets for Particle Detectors*

**Alvin Tollenstrup (Fermilab)**

*The great leap forward: the Tevatron at Fermilab*

**Philippe Lebrun (CERN)**

*Superconductivity and Cryogenics at CERN:  
from bubble chambers to accelerators*

**Luca Bottura (CERN)**

*LHC, the Largest Superconducting Ring:  
Today and Tomorrow*

**K. Alex Müller, Nobel Laureate**

*CERN and Superconductivity*

**Lucio Rossi (CERN)**

*Concluding remarks*



<http://indico.cern.ch/event/superconductivity>