From the Proton Synchrotron to the Large Hadron Collider
50 Years of Nobel Memories in High-Energy Physics
on 3 and 4 December 2009
CERN - Main Auditorium

3 December 2009

14h00 Welcome

14h10 Recollections of Early Days at PS and LEP Prof. Jack STEINBERGER

14h40 The PS Machine: 50 Years of Continuous Evolution Dr. Günther PLASS

15h10 LEP Construction Prof. Emilio PICASSO

15h40 LEP Operation Dr. Steve MYERS

Coffee Break – Refreshments

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16h40 Proton-Antiproton Colliders Prof. Carlo RUBBIA

17h10 Electron Accelerators at CERN Prof. Burton RICHTER

17h40 The LHC Adventure Dr. Lyn EVANS

18h10 The Future of the CERN Accelerators Complex Prof. Rolf-Dieter HEUER

19h00 Cocktail in the CERN Glassbox Restaurant
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09h00  Memories of the Events that led to the Discovery of the nu_mu  Prof. Leon LEDERMAN

09h30  The Discovery of CP Violation: a Surprise  Prof. Jim CRONIN

10h00  Unification: Then and Now  Prof. Sheldon GLASHOW

Coffee Break – Refreshments

11h00  Peering Inside the Proton  Prof. Jerome FRIEDMAN

11h30  QCD: An Unfinished Symphony  Prof. Frank WILCZEK

12h00  The LHC and the Higgs boson  Prof. Martinus VELTMAN

Lunch Break

14h00  The Unique Beauty of the Subatomic Landscape  Prof. Gerardus ‘t HOOFT

14h30  QCD: Now and Then  Prof. David GROSS

15h00  Test of the Standard Model in Space: The AMS Experiment on the International Space Station  Prof. Samuel TING

15h30  Changing Views of Symmetry  Prof. Steven WEINBERG (via Teleconference)

16h00  Discussion and Conclusions

Refreshments