

**Title:** The ILC story

**Lecturer:** Dr Kalmus, G.

**Date and Times:** 11<sup>th</sup> August at 11:15

**Summary of the proposed talk:**

The talk will discuss some of the key technological challenges of the ILC. I will also discuss the political, sociological and financial aspects of such a global project.

**Prerequisite knowledge and references:**

I will assume that the physics case for a 0.5 -1.0 TeV has been made by previous lecturers in the summer school. The physics case can be seen in "Understanding Matter, Energy, Space and Time: The Case for the Linear Collider" <http://blueox.uoregon.edu/~lc/wwstudy/>

## **Biography**

**Dr KALMUS, George**

1959 Ph.D

1959 - 62 University College London (UCL) RA UCL

1962 - 1967 Lawrence Radiation Lab (LRL).

1967 - 71 Univ of California Senior Staff (LRL)

1970-71 CERN Associate

1971 - 1985 Head of Bubble Chamber Group, Rutherford Appleton Lab (RAL)

1982 - 86 Head of DELPHI group RAL

1986 - 1997 Director of Particle Physics, RAL

Since 1997 I have worked on various phases of the CP violation experiment (NA48) at CERN. I worked in areas of experimental particle physics in strong, em and weak interactions. Member of many international panels, the most relevant to this talk being the "Sub-Group on Organizational Matters for an international linear collider" (chairman) and the "International Technology Recommendation Panel".