

# ICFA MEMBERSHIP

July 2003

## Canada

R. Keeler

## CERN Member States

B. Foster  
L. Maiani  
A. Wagner

## China

H. Chen

## Japan

S. Komamiya  
Y. Totsuka

## Russia

M. Danilov  
Y. Tikhonov

## USA

J. Dorfan (Chair)  
M. Witherell  
S. Wojcicki

## Other Countries

C. Garcia Canal  
P. Singer  
D. Son

## C11

V. Luth

(Secretary: R. Rubinstein)

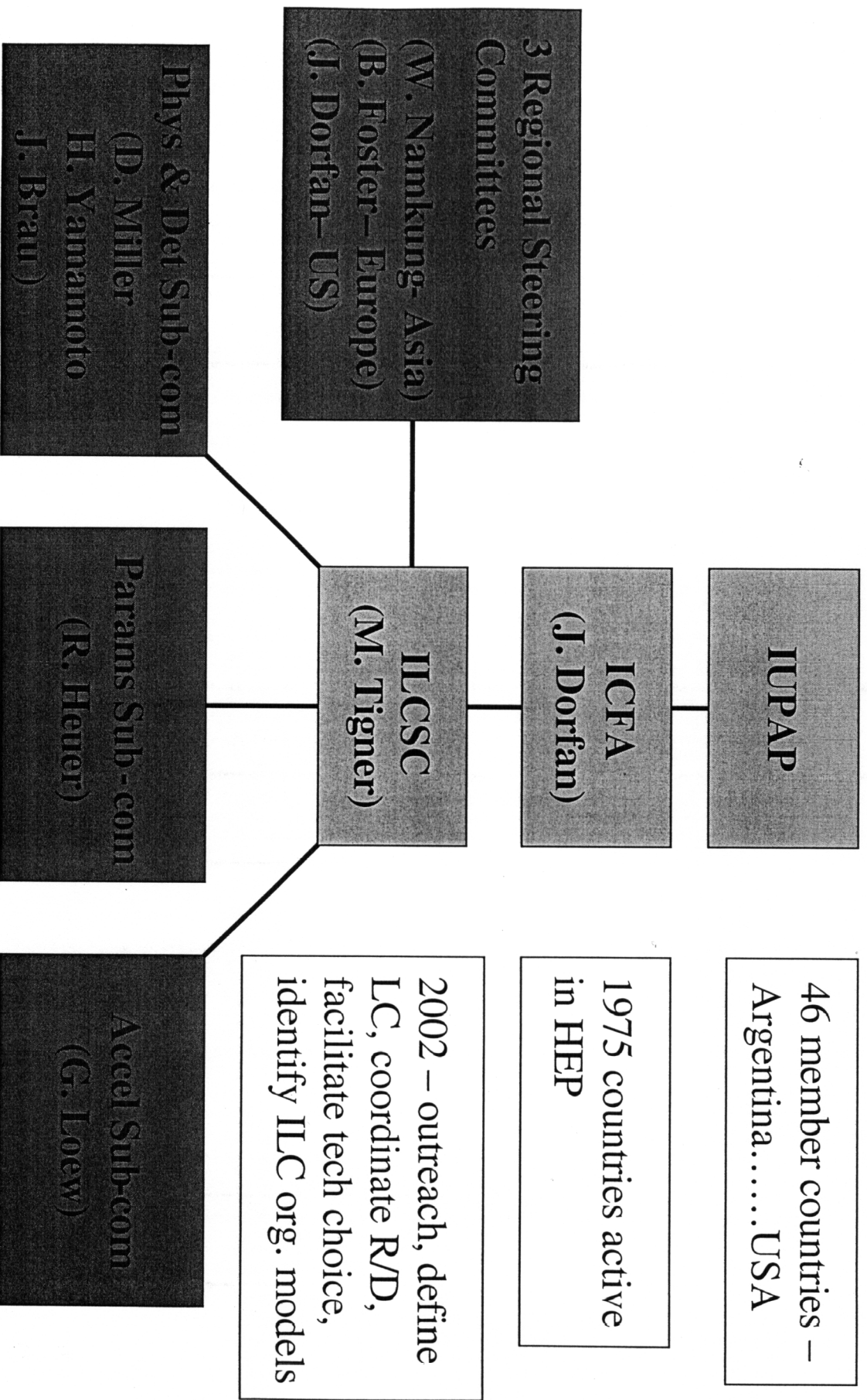
## ICFA MEETING

Friday 15 August 2003  
12:40 pm, "Racetrack" Conference Room, Fermilab

### AGENDA

1. News from International Discussions on a Linear Collider (15 min)
2. Report from the International Linear Collider Steering Committee (60 min)
3. Worldwide Funding for Particle Physics (15 min)
4. International HEP Computing Coordination Committee (15 min)
5. Communication (30 min)
6. US Visas (15 min)
7. Beam Dynamics Panel (5 min)
8. Advanced Accelerator Panel (5 min)
9. Interregional Connectivity (15 min)
10. Any other Business

# Scientific Community – Global Organization



## Mandate of the ILCSC

The ILCSC will:

1. Engage in outreach, explaining the intrinsic scientific and technological importance of the project to the scientific community at large, to industry, to government officials and politicians and to the general public.
2. Based upon the extensive work already done in the three regions, engage in defining the scientific roadmap, the scope and primary parameters for machine and detector. It is particularly important that the initial energy, the initial operations scenario and the goals for upgradability be properly assessed.
3. Monitor the machine R&D activities and make recommendations on the coordination and sharing of R&D tasks as appropriate. Although the accelerator technology choice may well be determined by the host country, the ILCSC should help facilitate this choice to the largest degree possible.
4. Identify models of the organizational structure, based on international partnerships, adequate for constructing the LC facility. In addition, the ILCSC should make recommendations regarding the role of the host country in the construction and operation of the facility.
5. Carry out such other tasks as may be approved or directed by ICFA.

## **Next Steps for ILCSC – Aimed at Formation of an Internationally-federated LC Design Team**

- ILCSC is setting up a “wise-persons” committee to recommend to ILCSC/ICFA a technology down-select. The Committee will comprise 12 persons, four to be nominated by each region. Committee, Chair, charge, etc to be finalized at the next meeting of ILCSC in Paris, November 19, 2003.  
First meeting of the “wise-persons” is anticipated in early 2004, with a goal of having ICFA vet and announce the decision no later than the end of 2004.
- ILCSC has established a task force to recommend how best to establish an internationally federated design group that can start the machine design as soon after the technology decision as is possible. This would be the first step in internationalizing the LC.  
The goal is to have the structure of this design group agreed upon by ICFA and the funding agencies prior to finalizing the technology choice.
- Report from the ILCSC Parameters and Scope subcommittee is expected in September 2003. Will specify the consensus of the three regions regarding the primary parameters and scope for the international design effort.

## **International Discussions on a Linear Collider**

Global Science Forum Consultative Group on High Energy Physics

- Report to GSF 27 June 2002 positively received (link to report on ICFA web site)
- Continuation of Consultative Group – GSF supportive, but wanted proposal
- 11 October 2002 meeting at CERN of (essentially) Consultative Group – produced draft mandate to extend Consultative Group
- GSF, January 2003 – approved extension of Consultative Group

R2

ICFA meeting, Fermilab  
15 August 2003



- **27 March 03 – Consultative Group meeting**

**Praise for science community work on LC technical decisions  
Draft text for science ministers meeting**

- **30 June 03 – GSF meeting – revised text for January 04  
science ministers meeting**
- **29/30 July 03 – Funding Agencies meeting**