

AIMS - OF THIS WORKSHOP
- OF THE STUDY

(David Miller 22/9/00)

MAIN
CONSTRAINT

TJR MUST BE
PRESENTED BY
1 MARCH 2001

- TASKS FOR GROUPS
- REPORT-BACK SESSIONS
- EDITORS' PLANS
- WHAT NEXT?
- THEN.....

① THANKS

- TO EVERYONE WHO HAS PUT MATERIAL ON THE TDR WEB PAGES. V. PRELIM. (COPIES OF PHYSICS DRAFTS AVAILABLE HERE)
- TO TIES BEHNKE FOR PUTTING WEB STRUCTURE IN PLACE.
- FOR ALL HARD WORK SINCE PADOVA — BUT IT CANNOT STOP!!

② TASKS FOR GROUPS

- REVIEW INPUTS TO TDR (ON WEB, OR NOT)

ARE THEY CORRECT?

WHAT IS MISSING? — LC NOTES?

— IN DETAILS?

— BIG THINGS?

— PHYSICS MOTIVATION?

— SIMULATION?

— LHC COMPARISONS?

— REALISTIC SYSTEMATICS

WHO CAN FILL THE GAPS?

— VOLUNTEERS TO TAKE RESPONSIBILITY?

— EXPERTS FROM US OR JAPAN etc?

— EXPERTS ON LEP EXPERIMENTS?

(PICK THEIR BRAINS)

STYLE AND PRESENTATION

- INTRODUCE PHYSICS MOTIVATION
- FIGURES BIG ENOUGH, CLEAR
- TABLES CLEAR; ONLY RELEVANT STUFF!

- ATTITUDE

- NOT A WORKSHOP REPORT!!
- MUST BE A COMPLETE CASE.

ALL (^{OLD}/_{NEW}) RELEVANT MATERIAL
MUST HAVE RIGHT WEIGHT.

- ADDRESSING SYMPATHETIC PHYSICISTS
WHO ARE NOT L.C. SPECIALISTS.

• DEBATES WITH "EXPERTS" ($\gamma\gamma/e\gamma$, e^-e^- , \vec{P}_{e^+})

- WHAT HAS TO BE INCLUDED IN THE TOR
- MUST BE PART OF MAIN ARGUMENT
- NOT MUCH THERE YET!

③ REPORT BACK SESSIONS

NOT FORMAL LECTURES!!

CONVENER(S) SHOULD DO STEP-BY-STEP PRESENTATION OF

- MOTIVATION
- MATERIAL TO BE INCLUDED
- TABLES, FIGURES, NUMBERS, EXPLANATIONS
- LHC COMPARISONS
- GAPS (+ VOLUNTEERS ETC. SIMULATION TO BE DONE. EXPECTED DELIVERY DATES)

* → AFTER EACH SHORT SECTION WE HAVE A DISCUSSION

* → WE ALL MUST AGREE AND UNDERSTAND WHAT GOES IN. (WE'LL ALL BE RESPONSIBLE)

④ EDITORS' PLANS

DETECTOR — SEE ROLF + RON → DETECTOR SESSIONS

PHYSICS TOPICS

PROPOSED NEW ORDER OF SUBJECTS
(REFLECTING FLOW OF ARGUMENT)

- HIGGS
 - SM
 - SUSY
- SUSY PARTICLES ETC.
- ALTERNATIVES
 - EXTRA DIMENSIONS
 - COMPOSITENESS
 - STRONG WW
- PRECISION MEASUREMENTS
 - ELECTROWEAK (GIAZ + TAC etc.)
 - TOP
 - QCD

"RESPONSIBLE EDITORS"

PETER ZERWAS — HIGGS + ELECTROWEAK

FRANCOIS RICHARD — ALTERNATIVE + SUSY

DAVID MILLER — TOP + QCD

⑤ WHAT NEXT?

8/9 NOV. CONVENERS + ORG. CTTEE
MEET AT DESY.

- REVIEW PROGRESS
- INPUT TO EDITORS

NOV-DEC EDITORS FINALISE TEXT

JAN-FEB REVIEW TEXT

TIDY-UP PRESENTATION
GO TO PRESS.

⑥ THEN

RECFA APPROVED EXTENSION OF
OUR STUDY TO 1 MAR 2003

- COMPLETE UNFINISHED ANALYSES
- REACT TO NEW THEORIES & RESULTS
- REVIEW DETECTOR R&D
- STAY IN TOUCH WITH AMERICANS + ASIANS
- ENCOURAGE INPUTS TO LCWS (2???)
- COOPERATE WITH CEAN'S CLIC STUDY

DONT WANT TO OVERLOAD YOU ALL

- BUT MUST MAINTAIN MOMENTUM
UNTIL A LINEAR COLLIDER IS
GIVEN GO-AHEAD.

{ IN PARALLEL, ICFA, ECFA, GSF, US, JAPAN ETC. }