

5 MINUTES SUMMARY

[THIS CONF:

SPEAKER BRIBED 26.51
BEFORE THE TALK

NEXT CONF,

SPEAKER SELECTED AT
RANDOM FROM THE
AUDIENCE]

$$\frac{100 \text{ (TALKS)}}{300 \text{ (SEC)}} \Rightarrow 3 \text{ SEC/TAL}$$

TDDAYS SESSION : EXCELLENT
SUMMARY

CALORIMETRY / HIGH ENERGY
PHYSICS



NUCLEAR (.....)
MEDICINE



ASTROPHYSICS

SOME SELECTED THEMES :

- LARGE EXPERIMENTS ↔
LONG TIMESCALES [10^4
ANNIVERSARY OF CMS !]
↔ INDUSTRIAL SCALE ↔
QUALITY CONTROL ↔
CALIBRATION
- WE ARE DOING ↔
PHYSICS EXPERIMENTS,
NOT CALORIMETRY EXPTS ↔
ART OF COMPROMISE

• EMERGENCE OF C++
= OBJECT ORIENTED
CALORIMETRY

JET = CHARGED PARTICLES

+ γ 's e e m

+ NEUTRAL HADRONS

TR
↓
HAD
↑

OPTIMIZE RESOLUTION

BY OPTIMIZATION OF ACCURACY
OF MEASUREMENT OF COMPONENTS

← GRANULARITY

MORE IMPORTANT THAN

RESOLUTION (FOR HADRON
CALORIMETERS)

TRUE? OR FALSE?

- ROLE OF SIMULATION

FOR EM :

EGS 4 AS GOOD
(OR BETTER?) AS A
TEST BEAM

FOR HADRON CALORIMETRY:

OPINIONS ARE DIVIDED

FLUKA	:	
GEANT 4	:	LIMITED
MARS	:	SUCCESS
CAOR	:	
GEANT 3	:	
GEANT 4	:	

∴ VERY COMPLICATED PHYSICS
MIX

∴ LIMITED BY LACK OF
EXPERIMENTAL DATA
IN RELEVANT REGION

WE HAVE HAD A VERY

INTERESTING

ILLUMINATING

SUCCESSFUL

WELL ORGANIZED

⋮

CONFERENCE THANKS TO

A DEDICATED AND CONCENTRATED

EFFORT OF A VERY LARGE

NUMBER OF PEOPLE

- EXCELLENT SPEAKERS
- TOUGH SESSION ORGANIZERS
- LOCAL ORGANIZING COMMITTEES

IN PARTICULAR:

JACQUES LUC POGGIOLI

COLAS PATRICK NEDELEC

BERNARD AUBERT

* * *

- SECRETARIAT / STAFF

MARIE CLAUDE FERT

* * *

- ORGANIZING LABS

LAPP

CEA

Lyon

Grenoble

- SPONSORS

- AN INVISIBLE HAND:

INTERNATIONAL ADVISORY

COMMITTEE

CALOR 2000 IS
OVER

HAVE A SAFE TRIP
HOME

AND SEE YOU
AT CALOR 2002