

# AGENDA

COLL. BOARD 11 MARCH 2002

Adoption of AGENDA

APPROVAL OF MINUTES

COMMUNICATIONS AND REVIEW OF THE SITUATION

DETECTOR ISSUES: DAD, CS, BAH SPECS ORDER?; WALL TENDERS?; ...; ECONOMIES...

MOU ISSUES

ORGANISATIONAL MATTERS

CONFERENCES

FORTHCOMING MEETINGS: C.B. IN ~ 1 MONTH; C.M. (GERR) JUNE } NO-~~AG~~?

A0B

- GS COMMITTEE (21 MARCH) { 25' PRESENTATION + 40' DISCUSSION

PROGRESS, MILESTONES, ANSWERS TO QUESTIONS

INFORMATION OVERVIEW COMM. (AD-HOC COMM. HALL B/C AND INSTALLATION PLANS

## GENERAL SITUATION → ACTIONS

- CERN RESEARCH BOARD MARCH 11, SCIENTIFIC POLICY COMMITTEE MARCH 18  
COMMITTEE OF COUNCIL MARCH 21

### ● FINANCIAL PROBLEMS

- QUANTITATIVELY KNOWN AFTER DEFINITION OF CERN CONTRIBUTION → FACE PROBLEMS
- IDEAS TO OVERCOME FINANCIAL PROBLEMS → EXIST, BRING THEM TO PRACTICE  
(NO CHANGE OF DETECTOR CONCEPT, NO DELAY)
- 2-ND ORDER EFFECTS: ECONOMIES ON SUBDETECTORS → WHENEVER POSSIBLE WITHOUT

● IMPRESSIVE WORK DONE BY COLLABORATION!

### MAIN CONCERN

RESPONSIBILITIES AND HUMAN RESOURCES →

# RESPONSIBILITIES AND HUMAN RESOURCES : A STRATEGY

CERN GROUP → ALL EFFORTS TO MAINTAIN IT, EVEN WITH REDUCED BUDGET

LNCS GROUP { PHYSICISTS  
SENIOR APPLIED PHYSICIST  
TECHNICAL SUPPORT } → REITERATE REQUESTS TO INFN

BAM : LAB TECHNICALLY STRONG IS REQUIRED → CERN RESPONSIBILITY  
(IN PL. of Impl. CERN, NEGOTIATION) → HAS TO BE FULFILLED

→ HIGH LEVEL NEGOTIATIONS

OTHER SOLUTIONS ARE FROM STRAIGHT FORWARD { INFN  
... } → INVESTIGATE WITH PRESIDENT

IT (IF PROBLEMS WITH CERN CONTRIBUTION OR PARTICIPATION)

→ CONCENTRATE ON TT HUMAN/FINANCIAL RESOURCES OF TT GROUPS

→ NEW CONTRIBUTION / PARTICIPATION (?) → REQUEST TO INFN, ...

+ MORE COLLABORATORS !!

# DAQ

Conclusions by S. Sivaram & D. Anil Kumar

The trigger less approach appears to be simpler but you have to handle a larger amount of data ( zero suppression needed)

The minimum trigger approach reduce the amount of data but you pay a price in terms of additional logic, to combine local auto trigger and validation, to build clean events

In both cases electronic design is a critical point. It needs to be integrated also on RPC and DT.

It is important a close collaboration between Physicists and Engineers to get good electronics but good for physics.

The DAQ is an important piece of the apparatus and people fully devoted to this job is key point for a successful result.

- ETHERNET SOLUTION AGREED TO INCORPORATE  
ALSO THE MINIMUM TRIGGER SENSITIVE  
THEN ZERO SUPPRESSION CAN BE AVOIDED

- IMPORTANT POINTS ARE:

- A PHYSICIST AS PROJECT LEADER  
(FULLY INVOLVED IN OPERA)

- A DAQ EXPERT (FULL TIME)

- AN HARDWARE EXPERT (FULL TIME)

and of course collaborators ...

THE TWO SYSTEMS CAN WORK BOTH

BUT WE HAVE TO TAKE A DECISION NOW!

WE HAD A FINAL DISCUSSION WITH

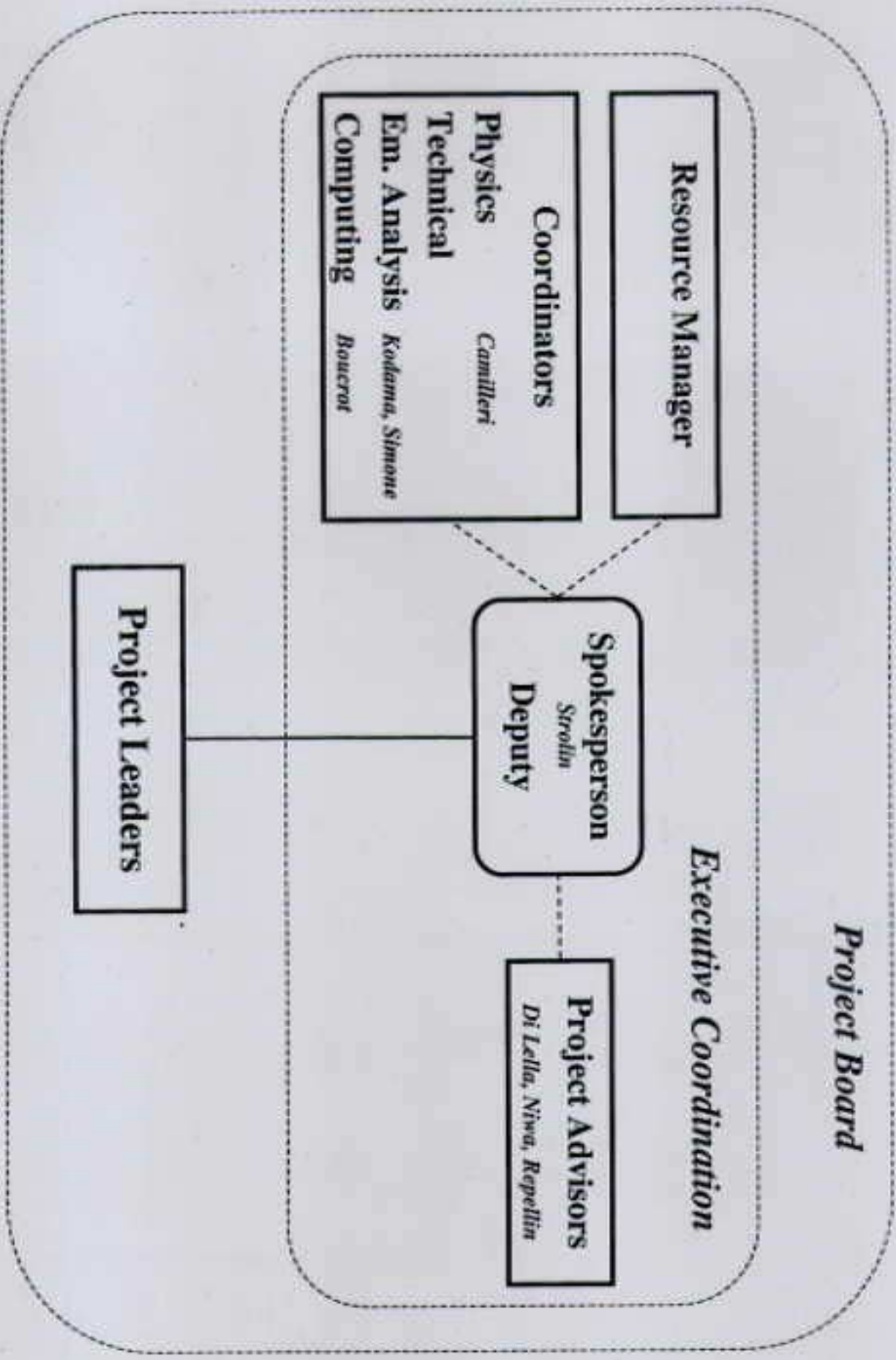
RESPONSIBLE AND THE SPOKESMAN -

ON THE ~~BEHALF~~ BEHALF OF SPOKESMAN

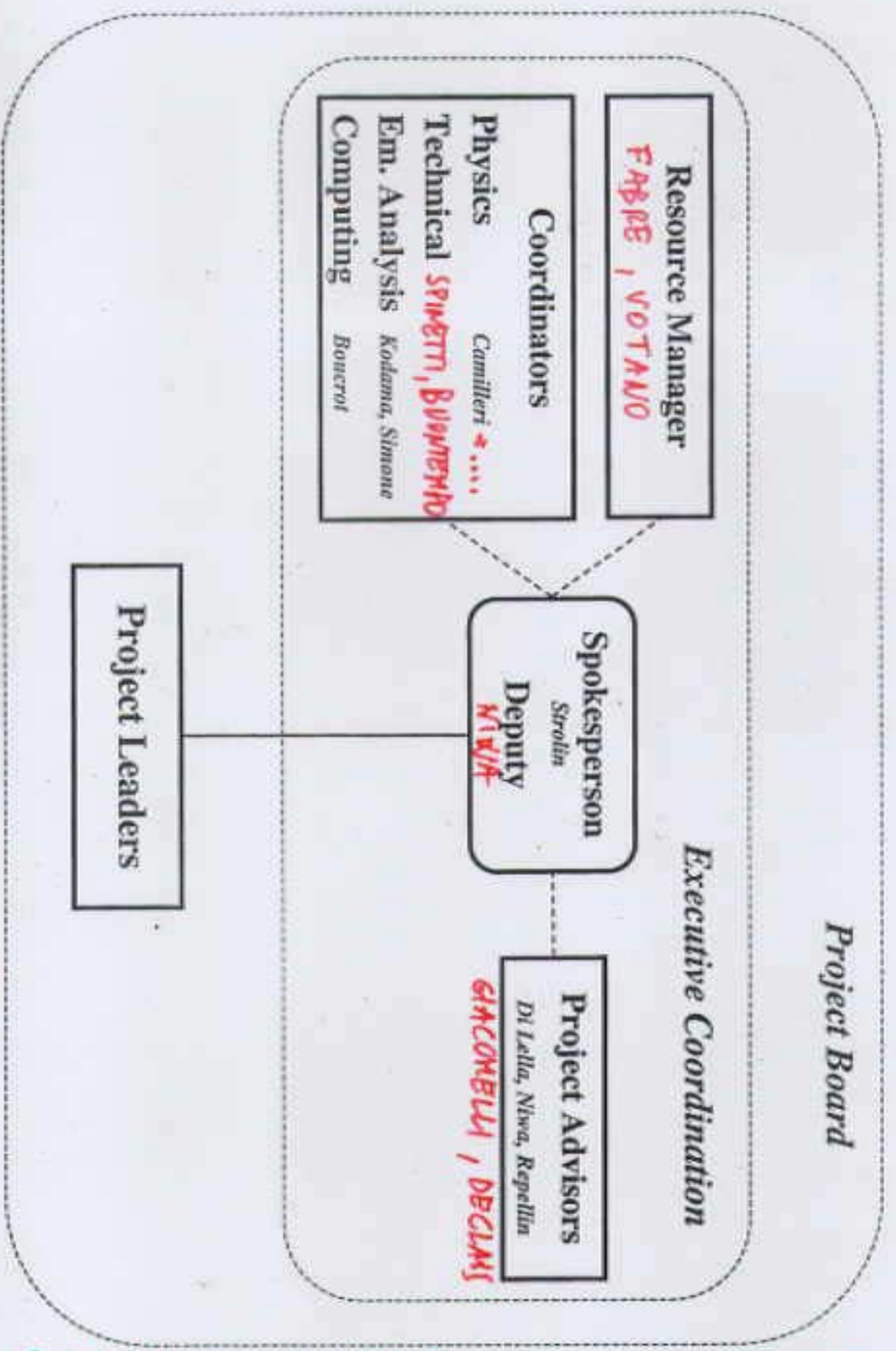
HEAV HIS A PROPOSAL

- PROJECT LEADER : JACQUES MARTEAU (LYON)
- LYON IS READY TO COLLABORATE WITH OTHERS INSTITUTES ON ALL ITEMS :
- FRONT END CHIP (LAL)
- FRONT END CARD (BERN)
- READ OUT CARD + ETHERNET (LYON AND OTHERS)
- ELECTRONICS TO BE INTEGRATED ON RPE and DT (.....)
- DAQ SOFTWARE DEVELOPMENT (LYON and OTHERS)
- TIMING and CONTROL (LYON OR OTHERS)

- ACKNOWLEDGEMENT FOR THE GOOD WORK DONE IN ALL LABORATORIES
- WISH THAT ALL GROUPS POTENTIALLY INTERESTED IN THE DAQ FIND SOME WAY TO CONTRIBUTE



*When nominated, the Resource Manager and the Technical Coord. will take up the jobs of the present Technical (Fabre with Buontempo as Deputy) and Gran Sasso (Spinetti) Coordinators, which continue in their functions ad interim*



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APPROVED AT SPECIAL ZOLL. BOARD ON MARCH 12