

1<sup>st</sup> Workshop on

# Quality Assurance Issues in Silicon Detectors

CERN 17-18 May, 2001



**“... and we can save at least 700 lire by  
not taking soil tests.”**

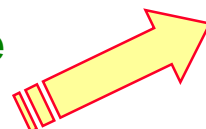
Conclusion: ignore QA if you want to become really famous !

## Why such a workshop on QA issues in Si detectors ?

LHC trackers will comprise

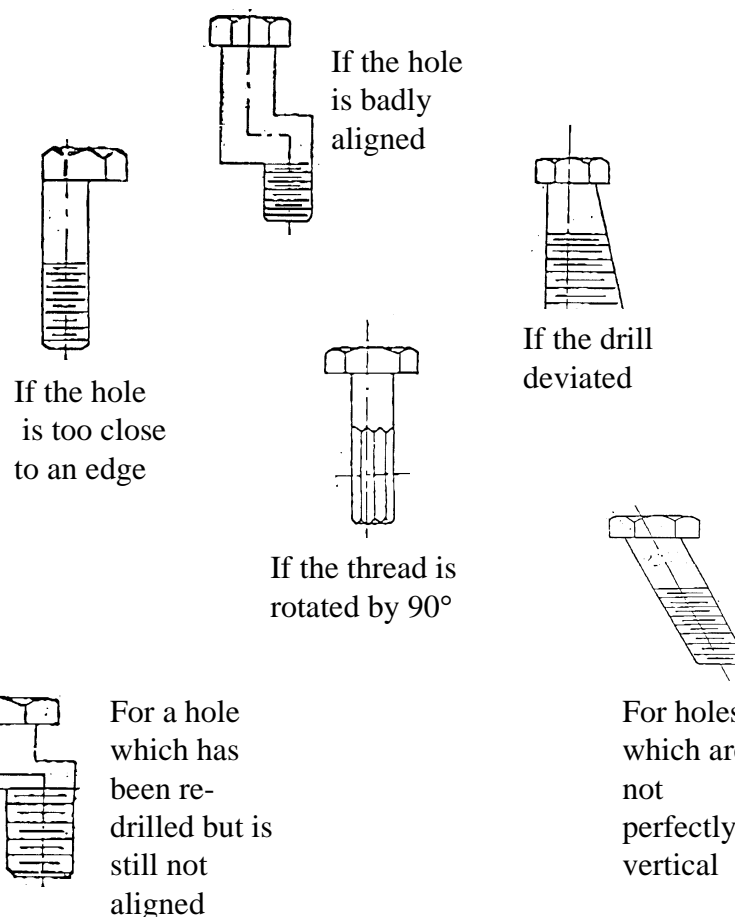
- several 100m<sup>2</sup> of Si
- several 10<sup>6</sup> channels
- several 10<sup>6</sup> connections
- > 100 institutions
- > 500 collaborators

**Physicists are very inventive when corrective measures are needed...**



**...but usually it's more efficient to avoid problems than to fix them.**

**A lot can be learnt from past experiments.**



## Scope of the workshop

- physical, chemical, and geometrical properties of the silicon sensors



electrical, radiation related

- Hybrid, module and electronics QA is believed to be too detector specific for such a workshop.

Apologies:

Idea to include companies came very late. Could be done better in a forthcoming workshop. Still, 3 companies are represented !



## Talks

- guideline 30 min. incl. discussion

## Proceedings

- just paper copy of all transparencies

Many thanks to

Michael Moll for handling most of the administrative part (emails, webpages, lists...)

Renate Wunstdorf, Alan Honma, Luca Casagrande, Maurice Glaser for their work as co-organizers and supporters of this workshop

Tonight: Workshop dinner

Restaurant Bois Joly, Crozet  
(France)

Bus transfer from CERN,  
reception building (B 33).

Departure 19:30  
Return ca. 23:00

If you haven't registered yet,  
do so during morning coffee  
break.

Please pay today during  
coffee breaks (→ Maurice).

## Menu

### Apéritif

Brochet<sup>1)</sup> mayonnaise

Maigret de canard<sup>2)</sup> au poivre vert  
légumes de saison

Omelette norvégienne

### Café

50 CHF, wine (white/red) and water included

<sup>1)</sup>Brochet = pike = Hecht

<sup>2)</sup>Maigret de canard = duck breast = Entenbrustfilets