



# EGAN

## Task 2: Co-ordination on Ancillary Instrumentation

- ***Subtask 2: Activity of WG2:*** Co-operation on designing and building the electronics and data acquisition and on the mechanical integration.

promote discussion, sharing information, transfer of knowledge



<b>Introduction</b>	<i>BRAMBILLA, Sergio</i>
<i>IPN - Room A015</i>	10:40 - 10:45
<b>EDAQ for AIDA and LYCCA</b>	<i>LAZARUS, I.</i>
<i>IPN - Room A015</i>	10:45 - 11:00
<b>GET: General Electronics for TPC's</b>	<i>POLLACCO, E.</i>
<i>IPN - Room A015</i>	11:00 - 11:15
<b>Prototype of TRACE digitizers and GTS upgrade</b>	<i>TRIOSSI, A.</i>
<i>IPN - Room A015</i>	11:15 - 11:30
<b>FARCOS FEE</b>	<i>VERDE, G.</i>
<i>IPN - Room A015</i>	11:30 - 11:45

### **J. Lazarus (Daresbury)**

**AIDA:** *Advanced Implantation Detector Array*

project to develop, commission and exploit a state of the art silicon detector array

**LYCCA:** *Lund-York-Cologne Calorimeter*

Array of detectors composed of:

- CsI detectors for the energy measurement of the reaction products
- DSSSD for energy loss and position information.
- Diamond (ToF) between the target position and LYCCA



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### **E. Pollacco (CEA Saclay)**

**GET:**     *General Electronics for TPC's*

- conceived to be **Generic**        DSSD+CsI/LaBr based detection systems
- presently in the second half of the project FEE and DAQ
- GET includes the embarked firmware, slow control.
- As for AGATA, has NARVAL for the data flow
- R&D is a co-project CENBG, GANIL, NSCL and CEA-Saclay



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### **A. Triossi (I.N.F.N. Padova)**

#### *Prototype of TRACE digitizers and GTS upgrade*

- detector tested with AGATA demonstrator in L.N.L. coupled with scintillators
- standard analog electronics (NIM/VME), AGAVA
- move to a digital world
- I.N.F.N. Padova project ... synergies Gaspard, Hyde
  
- GTS upgrade in the NUMEXO2 boards for EXOGAM2 and NEDA ...

## **EGAN Working Group (subtask2):** created last June

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Suggestion are welcome