

# Report from Cross Community Group

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# STFC Nuclear Physics Cross Community

## Cross Community Committee Members

- Tom Davinson (chair)
- Alison Laird
- Ken Livingston
- Paul Nolan
- John Simpson
- Gavin Smith
- John Smith

## Cross Community Posts

### STFC Daresbury Laboratory

Ian Burrows - Design Engineer

Alan Grant - Mechanical Engineer

Moschos Kogimtzis - Electronics Engineer

*James Lawson - Electronics engineer*

Ian Lazarus - Electronics Engineer

Paul Morrall - Target maker, technician

Vic Pucknell - Software Engineer

*Carl Unsworth - Software Engineer*

### Liverpool

Dan Judson - Software Engineer

Dave Seddon - Design Engineer

Jim Thornhill - Electronics Engineer

Dave Wells - Electronics Engineer

### Manchester

Andy Smith - Design Engineer

Our thanks to

Patrick Coleman-Smith – retired May 2018 – retained as consultant 30d per annum

Mike Cordwell – funding ended October 2017

Dave Laff – left for new STFC position

Congratulations to

Ian Lazarus – now Director of Technology STFC DL

## Electronics & Software Support Activities

*October 2017 – November 2018*

- R3B Si tracker
- AGATA
- ISOL-SRS WP2 XHV spectrometer @ CRYRING
- ISOL-SRS WP4 ISS @ HIE-ISOLDE
- ALICE
- AIDA @ RIKEN
- AIDA @ DESPEC
- LYCCA @ Koln
- FATIMA @ DESPEC
- JYFL ZyDF timestamping system
- Miniball DAQ
- CRIS DAQ
- 3D gamma imager
- SIGMA

### Other generic CC support

- WWW
- Systems support
- MIDAS
- New Gen MIDAS
- CAEN digitizer
- Merger 2.0

# Mechanical Design & Technical Support Activities

- AGATA next phase
- AGATA+NEDA @ GANIL
- FAIR LEB
- DESPEC
- HISPEC
- R3B
- ISOL-SRS WP2      XHV spectrometer @ CRYRING
- ISOL-SRS WP4 ISS @ HIE-ISOLDE
- ALICE
- 3D gamma imager
- BEGe cryostat
- ProSPECTus
- CRIS beamline
- STEFF
- Triple foil plunger
- SHARC2 + EMMA @ TRIUMF

## Total Effort (FTE) October 2017 – March 2022 (November 2018)

includes

extant & new PPRP projects (36%)

CG themes (64%)

	<b>Mechanical</b>	<b>Electronics</b>	<b>Software</b>
Total FTE Allocated	14.53	16.74	11.34
Total FTE Available	14.42	16.71	11.28
Difference	-0.11	0.03	-0.06

FTE requests scaled as follows

CG themes top 100%

high 75%

medium 60%

low 0%

Projects 70%

CC 75%

CC Requests and Allocation & Profile – November 2018

<http://npg.dl.ac.uk/XCommunity/Documents/CC%20Requests%20and%20allocation-November-2018.pdf>

Further information <http://npg.dl.ac.uk/XCommunity/>

CC Requests Please contact relevant coordinator to discuss requirements

- Electronics Engineering Coordinator Ian Lazarus
- Software Engineering Coordinator Vic Pucknell
- Mechanical Engineering Coordinator Alan Grant

CC effort used to help prepare Sols (AGATA, ACPA, Digital Dracula)  
AGATA & ACPA Sols approved, invited to submit PPRP proposal (Feb 2019?)

Reminder – submission date for next CG Feb 2020

CCC will request estimated requirements for planning purposes c. Sep 2019

electronics, DAQ, software, mechanical design, installation, commissioning

... and targets!