

Gunn Diode Oscillator Minutes

David Headland

2003-12-16 10:00

Attendance

- Fourth year students:
 - RE Irwin.
 - DP Headland.
 - R Wan.
 - JM Higginbotham.
 - MP Gaskill.
 - AJ Nelms

Approvals

- The minutes from the previous meeting were approved.

Waveguide manufacture

- Problems with the UMIST workshop were discussed.
- The workshop is unable to create the waveguide.
- e2v is the best choice from here.
- MP Gaskill has a friend who owns a machining shop.

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- The workshop uses spark erosion.
 - URL: <http://www.wirexprecision.com/>
 - MP Gaskill will ask if our work could be done there.

Radial line transformer

- The design of the radial line transformer was discussed.
- R Sloan should be consulted for advice.

Interim report

- The current state of the report was discussed.
- The deadline for changes was set to 17 December, 00:00:01.
- Pages that need printing in colour were marked.
- Personal copies were discussed:
 - Several options available:
 - * Print nine copies now.
 - * Print three copies then photocopy.
 - * Print copies later from the CD (Appendix A).
 - Four copies will be printed now.
 - Further copies can be made at a later date.
- The report will be printed tomorrow.
- If all is well at the start of Thursday's meeting, the report will be bound and submitted immediately.
- Future time plan changes are documented in the report.

Formal presentation

- People should start thinking about the structure.
- Each person will concentrate on their sections from the report.

Miscellaneous

- Make sure a shirt and tie is available for the presentation.
- The time plan will get revised after the presentation.

Proposed actions

All	Submit and changes to the report by the end of today.
DP Headland	Place the first 25 pages of the report online for inspection.
JM Higginbotham	Speak to R Sloan regarding the radial line transformer.
DP Headland	Print four copies of the report.
RE Irwin	Call e2v regarding waveguide manufacture.
DP Headland	Burn four copies of appendix A.
MP Gaskill	Discuss the waveguide with Wirex Precision.

Next meeting

Time Thursday 18 December 2003, 14:00.

Place D floor coffee room.

Meeting adjourned, 10:33.