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weekly activity report 201 (loughry)

Joe Loughry

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I am working on chapters---to be turned in soon. I emailed the assessors again this week to ask for dates for a viva and submission of written work. Dr Jirotko is out of contact until Monday; I will look for a response from her after. Timing is not yet completely urgent, but Julie asked me to have confirmation done before October.

The DPhil Student Conference programme committee met Saturday. I am administering EasyChair this year. We expect to have the call for papers released soon.

Several interesting papers were published at the USENIX Security Symposium this week. The most relevant was Checkoway, et al. on 'Comprehensive Experimental Analyses of Automotive Attack Surfaces'. They showed remotely exploitable data exfiltration that goes beyond previous successful attacks against the ECU. In a footnote, the authors relate that industry engineers have clarified that the separation of CAN buses, such as it is, was done for bandwidth reasons, not safety isolation. This is yet another argument in favour of wider deployment of cross domain systems.

I obtained more data and evidence this week related to my second and third case studies. I have a great excess of data, with more coming in all the time. It feels scientifically improper not to include it all, but I must prioritise. Focusing on writing instead.

At the UCDDO conference, the redaction tool I and others have been working on for two and a half years was successfully demonstrated to the funding sponsor. Funding runs out 30th September; I am still responsible for my part of the system documentation and the contract final report. I will have to travel to the laboratory in Rome, New York some time in late September to deliver the system to the Air Force.

Miscellaneous: there are 22 weeks to submission. Still hoping for a viva the week of 5th September, but that date has not been confirmed yet.

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End of WAR 0201.

## References