

File 20111018.0916: Notes from meeting with Dr Martin, 1600 his time today:

I met with Dr Martin early this week. Regarding written work, I am writing a review of papers about formal security models that contain deliberate information leaks, which I only found by accident recently after discovering the keyword ('declassification') that they were indexed under. It is interesting that the three technical reports Bell & LaPadula wrote in 1973–76 are not actually cited by most authors; people tend to cite the textbook where they first learnt the Bell–LaPadula security model, or they cite the Wikipedia page, but it is very uncommon to find a direct reference to the original MITRE technical reports. I learnt it from the 'Trusted Solaris 2.5 Compartmented Mode Workstation label\_encodings file format' manual, but now I am reading the original. It seemed important to write this review paper now because it is exactly the sort of question an examiner would ask. The review paper might turn out to be something I could publish later, but primarily it is being written to go in Chapter 2. I promised written work with every weekly status report from now on, but it was not ready yet. I am writing, though.

I reported that the MPLS graduate division office finally received the paperwork from the department and released an enrolment certificate. I sent the GSO.25 form for co-supervisor arrangement to Dr Fléchais, and my student loan funds came through. I talked with Dr Martin about Lockheed work and some changes I may be making to my work/school balance in the near future to focus on school. I have been excessively distracted with Lockheed work this month and it is slowing progress on Chapter 3. Realistically, I will continue to be pulled in multiple directions like this until November 1.

We talked about page limits, the ISPP seminar series, the student conference, and scheduling. I need to talk with my co-supervisor about the Atlas.ti analysis and how long he thinks it will take. First, however, I must finish writing reports for the Air Force to close out the contract.

Next meeting Wednesday, 26th October at 1400 Oxford time, 0700 my time, before the ISPP seminar on mobile phone security.

Other notes, not for weekly report:

Dr Martin cited Bell & LaPadula from 1974 in his own dissertation.

Look in Anderson's book (cite in review!) for more criticisms of Bell–LaPadula and information leakage.

I talked with Dr Martin seriously about quitting Lockheed. I mentioned that if you quit your job, you lose access to the G.P. He said Americans have a weird system, but he understood.

We talked about schedule and planning around work. If the schedule is unrealistically quick, and I planned to finish sooner because I am out of work, then I could run into trouble. It is crucial, Dr Martin told me, to have a realistic schedule. I said I need to talk to Dr Fléchais about his idea of how long the research will take.

I do not have a good answer to that right now; I asked for a couple days to think about it.

## References