**Program SIKS course Research methods and methodology for IKS**

November 20-22, 2019

Wednesday

09.30-10.00 Coffee and tea

10.00-10.15 Opening (Dr. Richard Starmans, UU)

10.15-11.15 Introduction (Dr. Hans Weigand,TiU)

11.15-12.15 Conceptual design I (Dr. Hans Weigand, TiU) (including assignment)

12.15-13.45 Lunch

13.45-15.30 Conceptual design II (Dr. Hans Weigand, TiU) (including assignment)

15.30-16.00 Break

16.00-17.30 Research methods in Process Mining (Prof.dr.ir. Boudewijn van Dongen, TUE)

Thursday

09.00-12.30 Research Design I (Prof.dr. Roel Wieringa, UT)

12.30-13.30 Lunch

13.30-15.00 Research Design II (Prof.dr. Roel Wieringa, UT)

15.00-15.30 Break

15.30-17.00 Research methods in Information Retrieval (Dr. Jaap Kamps, UVA)

Friday

09.15-10.30 Research methods in Multi Agent Systems (Dr. Martijn Warnier, TUD)

10.30-10.45 Break

10.45-12.00 Research methods in Machine Learning (Prof.dr. Antal van den Bosch, Meertens Instituut / RUN)

12.00-12.45 Towards a Philosophy of Data Science (Dr. Richard Starmans, UU)

12.45-13.45 Lunch

13.45-16.15 Research Communication (Prof.dr. Hans Akkermans, VUA)