

Friday (8th March)	Saturday (9th March)
<p>10:00 Introduction</p> <p>10:15 RNN and LSTM</p> <ul style="list-style-type: none"> • Motivation • History • Recurrent Neural Network training • The most powerful RNN: Long Short-Term Memory Networks (LSTM) <p>12:00 DIY</p> <ul style="list-style-type: none"> • Toolkits, how to apply them, how to use them for your research. 	<p>10:00 History of automatic signature verification (Imran)</p> <ul style="list-style-type: none"> • Defining signature verification (PR-perspective) • Modes of performing verification (online vs. offline) • Related work • State-of-the-Art • Evaluation <p>11:00 Current Offline and Online Signature Verification Systems (Imran)</p> <ul style="list-style-type: none"> • Data processing • Features • Combined online and offline features • Feature subset selection • Classification Methods • Recent efforts (uniting the perspectives of PR-researchers and FHEs) <p>12:00 Comparison between Man and Machine (Imran)</p> <ul style="list-style-type: none"> • Highlighting machine potential to assist humans <p>12:30 Plenary Discussion (Marcus, Imran, and audience)</p> <p>13:00 Concluding remarks by Marcus</p>
<p>12:30 – 14:00 Lunch</p>	
<p>14:30 Forensic handwriting examination in general (Marcus)</p> <ul style="list-style-type: none"> • How forensic experts make comparisons (similarities versus differences, subjectivity) • Natural variation, Line quality, Quality versus quantity etc. • What forensic experts need from the document analysis community • What the document analysis community needs to understand about our work • Existing systems and system problems • Conclusion scales, Bayesian framework • Strength of evidence 	<p>13:30 Lunch</p>
<p>15:30 Tools for FHE</p> <ul style="list-style-type: none"> • Existing forensic systems: FISH, WANDA, CEDAR-FOX, FBI-system • Searching a database of threatening letters 	
<p>16:00 Signatures: Simulation & Disguise Hands-on session (Imran)</p> <ul style="list-style-type: none"> • Defining signature verification (FHEs-perspective) • Problems with signatures (in depth) • Showing some example cases • Proficiency tests, problems for FDEs • Expert results on La Trobe test 2002 & 2006 <p>Hands on Session – real Case Work</p>	