



Evaluating 2011/Plans for 2012

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Promotor: Prof. dr. Lambert Schomaker



Onderzoeksmeeting APS groep

- Date: Monday 12 December 2011
- Time 14:00 to 16:00 (MET -1METDST)
- Location: tba

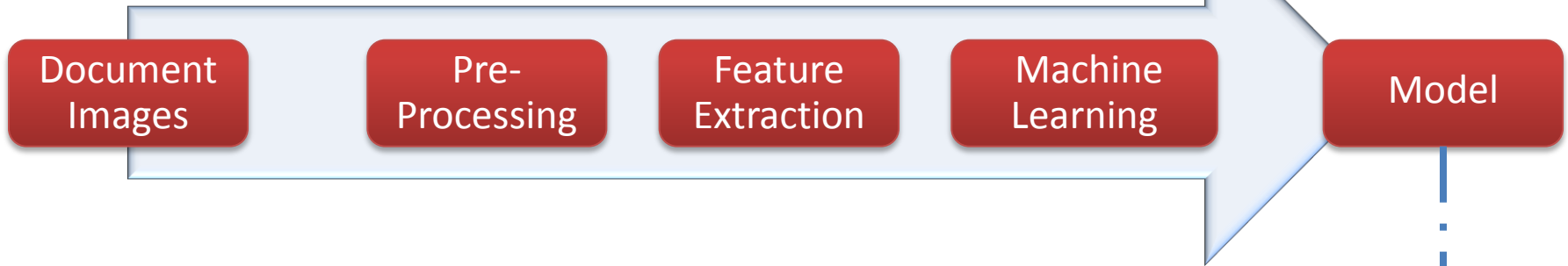


What am I doing now?

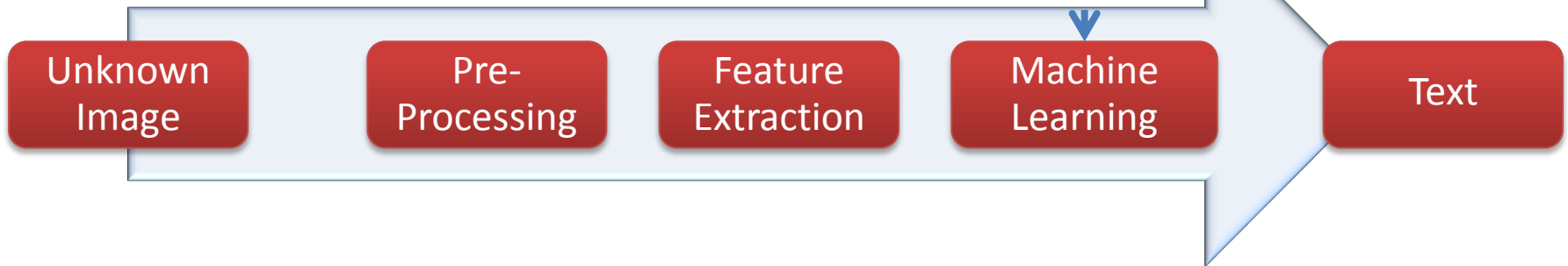
- A novel Hotspot feature extraction technique
- Feature extraction method called “The transition matrix based direction of chain code technique”
- Data collection
 - Thai handwritten focus on isolated character
 - Collecting from 100 writers
- 3 machine learning algorithms (k-NN, ANN, SVM) are using in recognition phase

What is the overall plan?

Learning

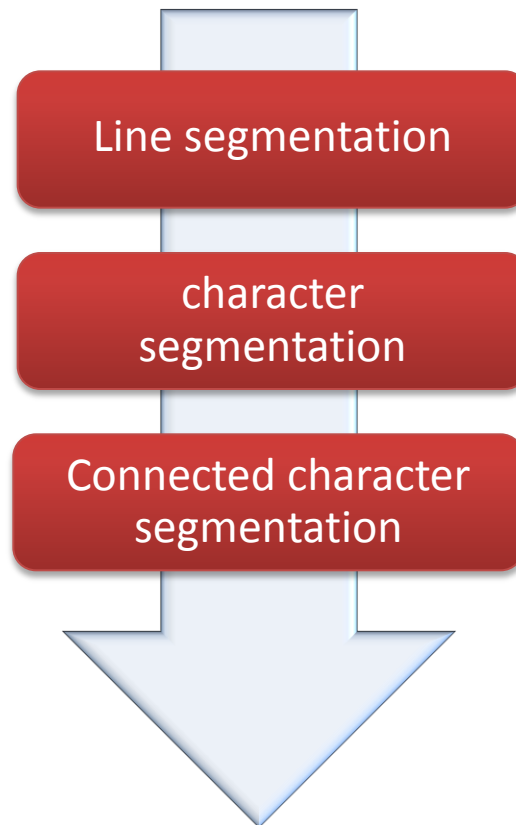


Recognition



What is the overall plan?

Pre-processing>
 Document processing





Where will it be published?

- *“Handwritten Character Classification using The Hotspot Feature Extraction Technique”*
- 1st International Conference on Pattern Recognition Applications and Methods
- Vilamoura, Algarve, Portugal
- 6-8 February, 2012
- <http://icpram.org>



Plan for 2012

- Data collection
 - Thai handwritten focus on word, sentence, and paragraph
- Will publish this research “A comparison of Feature extraction technique and pixel-based technique for handwritten character classification ” in IEEE Transactions on Neural Networks