

*It's a Thesis!*

Topics

# Storylines (1)

- Prototypical sequences of events
  - how are events (e.g. earthquakes) narrated?
- Temporal (and logical) event prediction
  - what comes next?
  - what is the storyline of a specific event (e.g. Indonesia earthquake on 12th July 2013)?

# Emotions & Reactions (2)

- EMOCause:
  - which emotions are triggered by events (speaker perspective)?
  - which emotions are associated to events?
- Pleasant and Unpleasant Events:
  - which events (i.e. types of) are pleasant and which are unpleasant?
- Controversies and Reactions (with M. Nissim):
  - which events trigger flames on the Web?
  - which reactions do events trigger in readers?

# Temporal Processing (3)

- Identification and Normalisation of Temporal Expressions
  - Do Neural Networks beat existing systems?
- Temporal Relation Classification:
  - How can a *general* multi-lingual systems for timeline extraction be developed?
  - How to identify temporal containers? What is their impact for timeline extraction?

# Event Extraction (4)

- Extraction and classification of *event schema* (a predicate, its arguments, an event type)
- Can event schema be induced using unsupervised or semi-supervised approaches?
  - mapping/comparison to existing computational lexicon
- Named Events: When and how are events called with a proper name?