

CSCI 5832

Natural Language Processing

Lecture 25
Jim Martin

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Machine Translation

Slides stolen from Kevin Knight (USC/ISI)

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Today 4/24

- Machine translation framework
- State of the art
- Evaluation methods
- Word-based models

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3

Recent Progress

2002

insistent Wednesday may
recurred her trips to
Libya tomorrow for flying

Cairo 6-4 (AFP) -
An official announced
today in the Egyptian
lines company for flying
Tuesday is a company
"insistent for flying" may
resumed a consideration
of a day Wednesday
tomorrow her trips to
Libya of Security Council
decision trace
international the imposed
ban comment.

2003

Egyptair Has Tomorrow to
Resume Its Flights to
Libya

Cairo 4-6 (AFP) - Said an
official at the Egyptian
Aviation Company today
that the company
egyptair may resume as
of tomorrow, Wednesday
its flights to Libya after
the International Security
Council resolution to the
suspension of the embargo
imposed on Libya.



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Commercial Applications

The image shows a screenshot of a news broadcast interface. A yellow box labeled "news broadcast" points to the top navigation bar. Another yellow box labeled "foreign language speech recognition" points to a video player showing a news anchor. A third yellow box labeled "English translation" points to a text overlay on the video. A fourth yellow box labeled "searchable archive" points to a sidebar menu. The interface includes a search bar, a list of video thumbnails, and a main video player with a text overlay.

Statistical Machine Translation

