

# (Quick ... hints) European Scene

لREC 2008 مراكش

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This is not about resources in ELRA catalogue

# European Scene by Today

LREC 2008 Marrakech

- FP6 (end of) .... FP7 (just starting)
- National Initiatives
- Private ones
- Some examples by Topic

# European Scene by Today

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- MT focus :
  - TC-STAR, EuroMatrix,
  - SMART (Statistical multilingual analysis for retrieval and translation)
  - REVEAL THIS (retrieval of video and language for the home user in IS)
  - Resources: LC-STAR-III,
  - 
  -
- Multimodal (inc. Speech)
  - COMPANIONS: persistent multi-modal interfaces to the Internet
  - TC-STAR, CHIL, AMI, ..... AMIDA
  - Luna
  - LILA-II
- IR, CLIR .... Evaluation
- CLEF Treble-CLEF
  - Quaero...
- Arabic Specific: MEDAR: technologies, resources & Roadmaps

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- **INDIGO**

- advanced natural dialogue capabilities .. human-robot interaction. Various modalities, such as spoken natural language, gestures, emotions, and facial expressions.

- **MULTIMATCH**

- Multilingual/Multimedia access to cultural heritage

### EYE-TO-IT ←

- Development of human-computer monitoring and feedback systems for the purposes of studying cognition and translation
- under controlled experimental conditions, a task defined in mental terms and performed by professionals
- monitor the visual input in the source language (L1) with eye-tracking technology.
- We will log the translators' keystrokes in the target language (L2) with the output monitoring tool Translog.
- monitor the brain performance during perceptual input and motor output with a brain activity recording technique (EEG).



# European Scene

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- ASPI
  - Audiovisual to articulatory speech inversion
    - Audiovisual-to-articulatory inversion consists in recovering the vocal tract shape (from vocal folds to lips) dynamics from the acoustical speech signal, supplemented by image analysis of speaker's face. Being able to recover this information au



# National .....

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- STEVIN (1), (2), .....
- Technolanguge, TechnoVision,
- Quaero...
- Theseus
  - developing a new Internet-based infrastructure in order to better use and utilize the knowledge available on the Internet.