

# Multimodal and Natural Interactivity Corpora and Coding Schemes: Call for Contributions



<http://isle.nis.sdu.dk/>

Niels Ole BERNSEN (nob@nis.sdu.dk)  
Laila DYBKJÆR (laila@nis.sdu.dk)  
Malene WEGENER (mwk@nis.sdu.dk)

Jean-Claude MARTIN (martin@limsi.fr)

Natural Interactive Systems Laboratory (NISLab)  
University of Southern Denmark – Odense - Science  
Park 10  
DK-5230 Odense M  
DENMARK

Laboratoire d'Informatique et de Mécanique pour les  
Sciences de l'Ingénieur (LIMSI)  
Centre National de la Recherche Scientifique (CNRS)  
BP 133, 91403 Orsay Cedex  
FRANCE

et

Laboratoire d'Informatique et de Communication (LINC)  
Institut Univ. de Technologie de Montreuil (Univ. Paris 8)  
140 rue de la Nouvelle France, 93100 Montreuil  
FRANCE

Natural interaction and multimodal resources concern the combination of several human communication modalities, such as speech, hand and body gesture, facial expression, gaze, etc. These resources take the forms of raw or annotated data (corpora), coding schemes for data annotation, or coding support tools, and are increasingly needed in many different areas of science, including human-computer interaction, systems development, communication research, linguistics, psychology, etc.

Partly to address those needs, the ISLE project on International Standards for Language Engineering ([http://www.ilc.pi.cnr.it/EAGLES96/isle/ISLE\\_Home\\_Page.htm](http://www.ilc.pi.cnr.it/EAGLES96/isle/ISLE_Home_Page.htm)) was launched in January 2000. ISLE aims to develop and promote Human Language Technologies (HLT) standards and guidelines for language resources, tools and products in key growth areas. The project has a Working Group in each of the following three areas: natural interaction and multimodality (NIMM), multilingual lexicons, and evaluation of machine translation systems. ISLE involves cross-Atlantic collaboration and is a continuation of EAGLES (Expert Advisory Group for Language Engineering Standards, <http://www.ilc.pi.cnr.it/EAGLES96/browse.html>).

The ISLE NIMM Working Group (<http://isle.nis.sdu.dk/>) is in the process of surveying and developing standards and guidelines for natural interaction and multimodal data resources, annotation schemes and coding tools, as well as meta-data descriptions for large multimodal databases. ISLE NIMM consists of nine partners from seven European countries.

The ISLE NIMM website already includes a survey of coding tools for natural interactivity and multimodality (under Reports at <http://isle.nis.sdu.dk/>). We are presently collecting information for world-wide dissemination at this website on data resources and coding

schemes for natural interactivity and multimodality. You are cordially invited to provide us with a description of a data resource which you have constructed, a coding scheme which you are using for annotating a multimodal or natural interactivity corpus, or an annotation tool you have developed for coding multimodal or natural interactivity corpora. To do so, please use the ISLE NIMM forms available on the Reports 8.1, 9.1 and 11.1 pages, respectively, under Results at <http://isle.nis.sdu.dk/>. For any other questions or comments please contact the authors by email.