

Lund University

10|11

Humanities Lab



Annual Report



2010-2011



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www.humlab.lu.se



Annual Report

Lund University
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Contents

Preface	2
Humanities Lab 2010-11: Overview	3
Organisation	3
Research Projects	3
Teaching	3
Technology	4
National and International Networks	5
Talks, Seminars, Workshops	5
Visibility, Accessibility	6
Events and Activities 2011	8
Org. of Conferences, Workshops, Symposia and Lab Demos	8
Projects	9
Conference Presentations	10
Invited Talks	11
Courses and Lectures	12
Supervision	13
Collaborations	14
Consulting	15
Method Development and Internal Training	17
Visitors	17
Social Media	17
Staff members	18



Preface

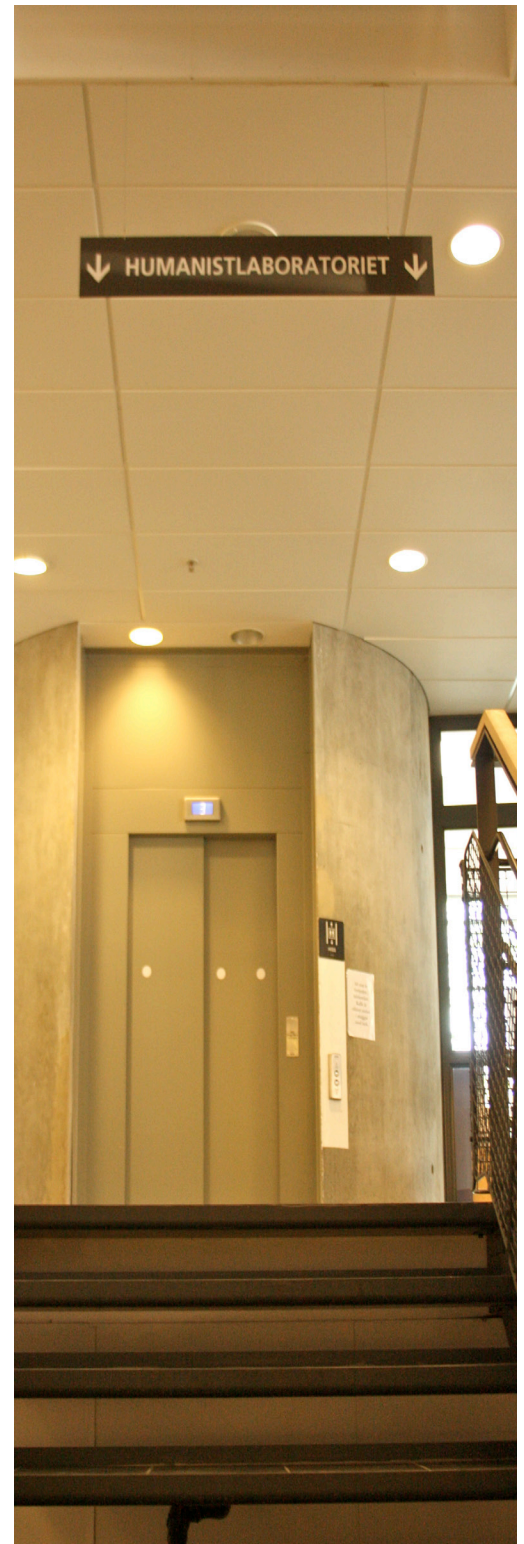
This annual report covers highlights from the activities at Lund University Humanities Lab.

The two past years have seen a number of changes. The directorship changed in 2010 with ensuing work to consolidate the organisation with policy statements, user agreements, etc. More interestingly, the lab has expanded dramatically in the last two years in terms of users, externally funded new research projects, the arrival of new staff members, PhD students, and visiting scholars. The lab's engagement with national and international networks continues both on the academic arena and in interaction with industry. The commitment to offer training in the technologies at hand has also been strengthened through the addition of new full academic courses to our course battery, and the increasing number of demo sessions, commissioned courses, method seminars, etc.

The year ahead also offers new challenges. Technical upgrading lies ahead partly related to a new collaborative enterprise with the universities of Stanford and Umeå. So too do plans for further expansion when the Faculties of Humanities and Theology gather in two buildings in 2014. A new emphasis on learning will also be evident through new research projects and collaborations, for example with new educational programmes at Campus Helsingborg.

As this report highlights, the Humanities Lab is a vibrant, dynamic environment enabling the Humanities and Social sciences to meet the scientific challenges ahead.

*Marianne Gullberg
Director of the Humanities Lab
March 2012*



Humanities Lab 2010-11

Overview

Introduction

Lund University Humanities Lab is a facility for research, training and method development for the Faculties of Humanities and Theology at Lund University. It is open to all researchers, teachers, and students across the Faculty, and across Lund University more generally. Organisationally, the lab sorts immediately under the Faculties of Humanities and Theology.

The Lab acts in three domains. First the lab provides access to **technology and innovative methodological approaches** in order to strengthen research in the humanities. The staff members combine research excellence with technical expertise, and provide guidance and collaboration possibilities for scholars across the Faculties.

Second, the lab is a **training** environment and offers students, junior, and senior scholars opportunities to learn new methods through full academic courses, shorter training sessions on demand, commissioned courses, method seminars, open demo sessions, etc.

Third, the lab is an arena for **method development and interaction** between Academia and external actors, for instance through commissioned research and joint development of technology, hardware, and methods with industry.

Organisation

The directorship of the lab changed in 2010. During 2010-2011 the organisation of the lab was revised and consolidated. The lab now has ratified policy and mission statements that regulate routines in the lab, user agreements, cost packages, and guidelines for increasing the visibility and accessibility. The Lund University Humanities Lab Annual Report, instigated in 2011, is part of this enterprise. The Lab has regular, weekly lab meetings, and a wiki for internal communication. Yearly longer staff meetings have also been launched to allow for lengthier discussions.

The Humanities Lab also expanded dramatically in 2011 both in terms of users (some 100) and research projects. The lab has also expanded through the arrival of a number of new staff members, postdoctoral researchers and PhD students linked to the lab and its members, and short term visiting scholars. A future organisational challenge is the expansion of the lab in 2014 when parts of the activities will move to a new building.

Research projects

The lab hosts the research activities of two big research programmes and their users: the Linnaeus programme Thinking in Time: Cognition, Communication, Learning (CCL), and the Center for Cognitive Semiotics (CCS). In 2010-2011, the lab further became host to new externally funded research projects. Among these is an ERC starting grant (Burenhult, *Language, cognition, and landscape*), a Wallenberg Foundation Network Initiative involving the universities of Lund, Umeå and Stanford (Strömqvist, Heller, Gullberg, Svensson, *Culture, brain, learning*); and a project on classroom learning funded by the Lund University Council for Research and by the Knut and Alice Wallenberg Foundation (Holmqvist, Holsanova, *The classroom of tomorrow*), an initiative linking the Humanities Lab to the new teacher training programme at Campus Helsingborg.

Teaching

The lab continues its mission to offer training in the technologies and related analyses available in the lab as part of the task to guarantee accessibility. These courses are open to all students and staff from Lund University, and from other universities.

In 2011 we expanded our set of full academic courses (7.5 ECTS) through the introduction of a new practical course on electrophysiology (EEG) in the lab. Lab members have also collaborated on the development

of a new course on Digital Archaeology held at the Institute of Archaeology in 2011, and a course on Humanistic Informatics at the Department of Cultural Sciences. Following a decision by the Faculties of Humanities and Theology in 2011, the full academic courses were converted to PhD/graduate courses. However, the courses remain open to MA students, space allowing.

The lab also continues to offer short training sessions on demand (e.g., three hours) in areas as diverse as 3D-scanning, Audio and video recording, Introduction to LaTeX for the humanities, Animation of 3D characters, Applied eye-tracking research, and Using ELAN for gesture analysis.

The lab also organises courses for external participants. For examples, we continue to host intensive courses on eye-tracking methodology (Lund Eye Tracking Academy, LETA) twice yearly with participants from all over the world.

Technology

The Lab's permanent technological set-up (including eye-tracking, electrophysiology and EEG, motion capture, articulography, 3D-scanning, virtual reality, facilities for general computer based tasks and an anechoic chamber) is continuously upgraded. In 2011, the Lab also switched server solutions moving to LUNARC, center for scientific and technical computing for research at Lund University.

National and international networks

The lab and its staff members are part of a series of national and international research and training networks benefiting its members.

The lab is a participating partner in eSENCE, a national strategic research program in e-Science involving the universities of Uppsala, Lund and Umeå. This enterprise focuses on the development of tools for handling, storing and retrieving research data in digital form. In this framework, the lab shares PhD students and postdocs with the Engineering Faculty (LTH). This network is an important interface with units such as Lund Bio-Imaging Centre, involved in neuroimaging of the human brain, with units working on large databases, on data computation, on visualisation of data, etc. The new Wallenberg Network Initiative, which connects the lab to Umeå and Stanford, further contributes to link the lab to work on so-called Digital Humanities.

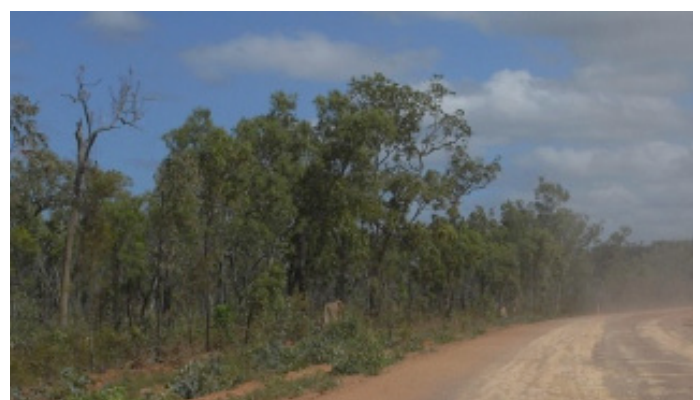
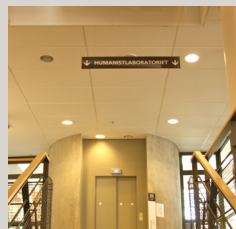
Exotic vowels in Swedish (VOKART)

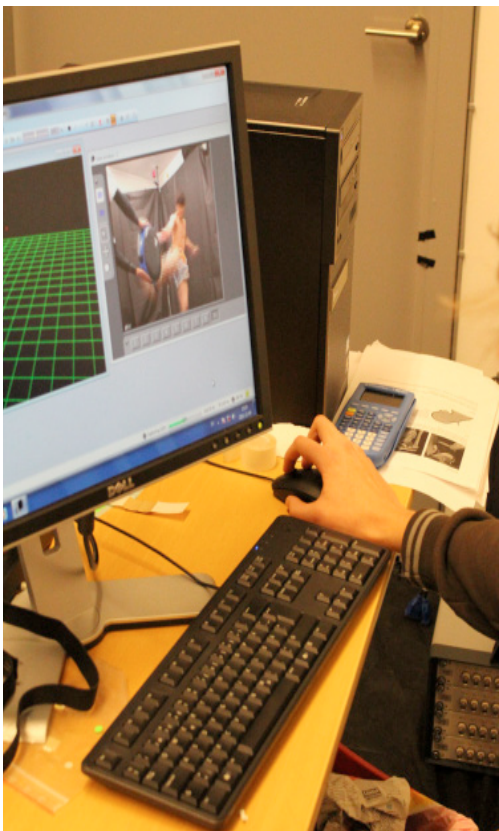
In a cross-language comparison, Swedish has a fairly rich vowel system, and Swedish vowels have some particularly exotic and distinctive features. The main purpose is to analyse and understand the articulation of these vowels and their dynamics. We will use articulography which provides a three dimensional picture of tongue, lip and jaw movements.



Language, cognition and landscape (LACOLA): understanding cross-cultural and individual variation in geographical ontology

This project investigates cross-culturally how human languages categorise and represent the geophysical environment ('the landscape'). From the linguist's point of view landscape is virtually unexplored. Yet it has vast potential for influence on the discipline.





The lab collaborates with manufacturers of eye tracking and articulography equipment both on hardware and software related issues.

Lab members also act as consultants and advisory members to other labs nationally and internationally. Such activities involve consultations on the set-up of new eye-tracking labs and related methods.

For example, lab members have consolidated their leading position in the field of eye-tracking studies through their involvement in an ISO standardization committee over-seeing quality measurement data from eye-trackers (Holmqvist, Mulvey), the publication of a reference book on eye-tracking with Oxford University Press (Holmqvist et al.), the development of detection algorithms to be used in labs around the world, and the successful bi-annual course in eye-tracking techniques (LETA) with international participants.

Similarly, in the domain of 3D-scanning and virtual reality methods as applied to archaeology, lab members contribute to method development by holding international workshops on 3D-scanning, partly in collaboration with the Universitas 21 network (Lindgren, Larsson, Dell'Unto). Local partners include LU Design Centre and the Department of Archaeology and Ancient History. This work has immediate application in current archeological research locally at Uppåkra, and internationally, for example at Pompeii, Italy.

The lab is a Swedish node in a Wallenberg Foundation Network Initiative aiming to render experimental environments across the universities of Lund, Umeå and Stanford compatible, to enable the exchange of technology and methodological expertise across the three universities. Lund will send a team to Stanford to hold courses in eye-tracking early in 2012.

Further, the lab is a stakeholder in the CLARIN network (*Common Language Resources and Technology Infrastructure*). This is a European network for research infrastructure for the language sciences, instantiated in The Language Archive at the Max Planck Institute for Psycholinguistics. The lab hosts the Lund corpora, a collection of fully meta-described and accessible multimodal language corpora, part of a much wider network of similar resources.

Finally, the lab is one of nine partners in the international network Pire: Bilingualism, Mind, and Brain; An Interdisciplinary program in cognitive psychology, linguistics, and cognitive neuroscience, funded by the National Science Foundation in the US under the direction of Prof. J. Kroll, Penn State University. The network promotes training and exchange between lab environments and disciplines, combining traditional research in the humanities and social sciences with neuroscience.

Talks, seminars, workshops

The staff members regularly give invited talks about their own research, but also about methodology, and about the lab and its possibilities within and outside LU. The lab also

hosts visiting scholars who present their work in talks organised by the lab. The lab further organises regular seminar series on methodology (e.g. eye-tracking and statistics) where both internal and external speakers discuss their work.

The lab regularly organises and hosts workshops and symposia on a range of different topics. For example, in October 2010, the Humanities Lab organised a first workshop with the Stanford Center for Design Research and the Stanford Center for Innovation and Communication, with participants also from the Engineering Faculty (LTH). This workshop was followed by a workshop at Stanford in February 2011 when the Humanities Lab held practical sessions on eye-tracking on site.

In 2011 the lab co-organised a CLARIN-funded Workshop on Multimodal databases and corpora in Lyon. The workshop discussed tools for transcription, annotation, and search of data that combine video, audio and text such as databases of doctors' interactions with their patients, parents interacting with young children, etc.

An example of the lab's collaboration with industry was a workshop held at the Humanities Lab in March 2011 organised by Packbridge, a network for stakeholders in the packaging industry – customers, suppliers, researchers and innovators. The lab is involved in a study where eye-tracking is used to study consumers' choices of products in the supermarket. This and other related research was presented at the workshop.

In November 2011, the lab organised a workshop on the use of motion capture to study gestures and language, funded by Forskarkollegiet at the Centre for languages and literature. International experts on the use of motion capture discussed technological and analytical problems. Also in November, the lab hosted a workshop jointly with the Department of Cultural Sciences entitled Studying Digital Cultures. Again, international and local experts teamed up to discuss how to study the web (webometrics), focusing on software and methods.

Visibility, accessibility

The Humanities Lab participates in a range of activities to increase access to the lab.

The lab hosts a number of open house events where we offer demonstrations of our technology with examples from current research. We typically combine these with practical hands-on elements for the participants.

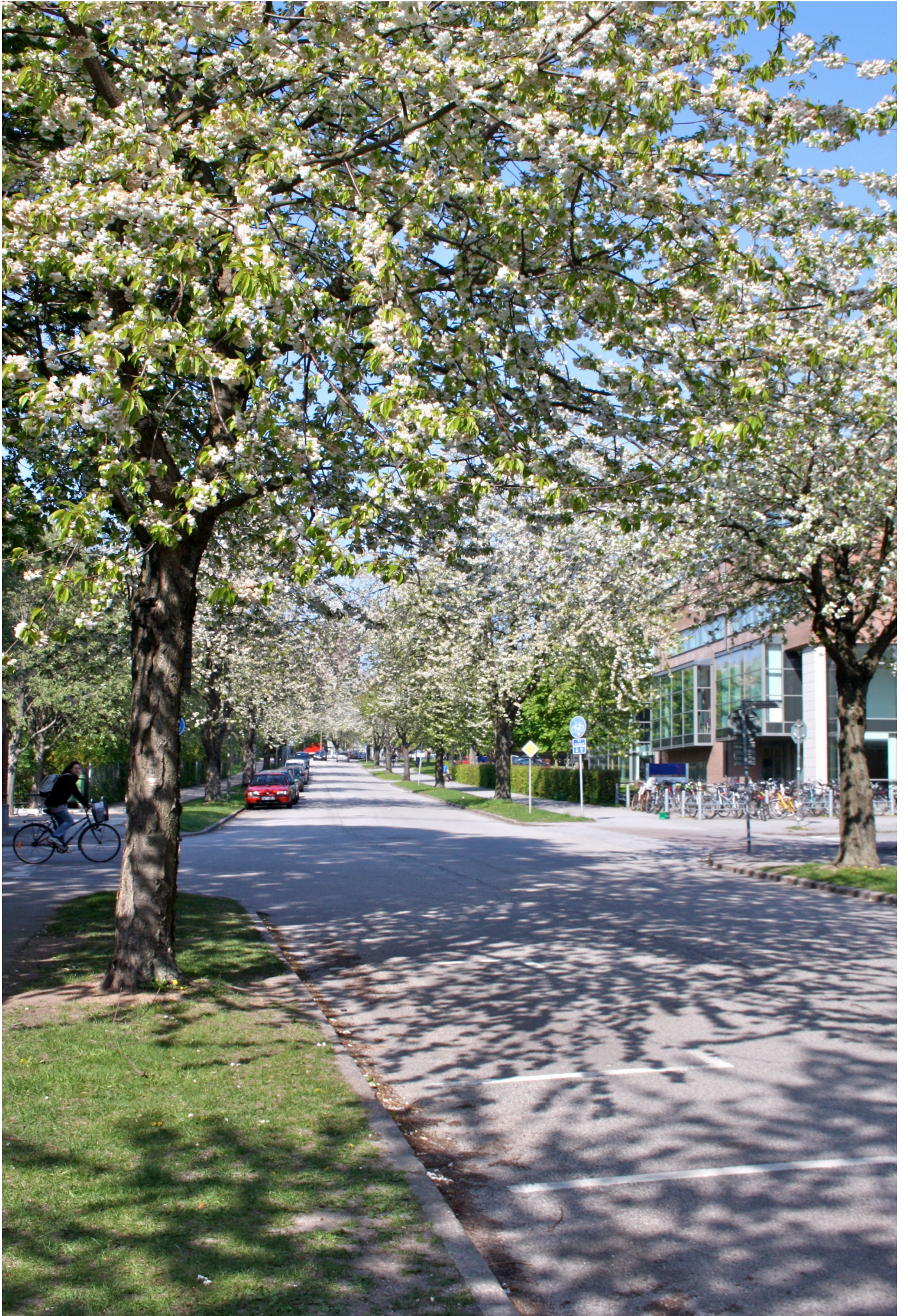
We hold such demonstrations both to groups from LU and to national and international visitors. Of particular importance are the presentations of the lab given to representatives of the KA Wallenberg Foundation, Riksbankens Jubileumsfond, and the Minister for Education, Jan Björklund, during his visit in Lund in November 2010.

In 2010 we also launched a program to provide regular introductory sessions to new students at the undergraduate and masters programmes at the Faculties for Humanities and Theology. The work with demonstration sessions has intensified.

In 2011 the lab teamed up with LUNARC, center for scientific and technical computing for research at Lund University, to develop servers and access systems that are adapted to the lab instruments and data types. The lab also improved the online reservation system of lab facilities and equipment which has considerably increased accessibility.

The lab has also continues to improve its website. For example, you can now take a virtual tour of the lab on the website. The lab blog has also been improved as has the lab's presence in social media. In 2011 the lab established a YouTube channel and presence on Facebook and Twitter.

On the following pages the lab lists its activities during 2011. For a list of publications, please visit www.humlab.lu.se.



Events and Activities 2011

Organisation of Conferences, Workshops, Symposia and Lab Demos

2011-03-15

Packbridge workshop

2011-04-08

Decision making studies using eye-tracking

2011-05-19

Workshop Eye-tracking in Massmedia Research

2011-05-26

Symposium Reception and understanding of visuals

Visual communication Division, ICA conference

Boston

Jana Holsanova

2011-07-29

Symposium Scanpath comparison
European Conference on Eye Movements

Marseille

Kenneth Holmqvist

2011-08-17

Precision calculation and standardization

2011-09-06

ECEM symposium: Scanpath representation and comparison

Marseille, France

University of Provence

Richard Dewhurst, Kenneth Holmqvist

2011-10-05

Symposium Sound and eye movements
Stockholm University and Volvo

2011-11-24

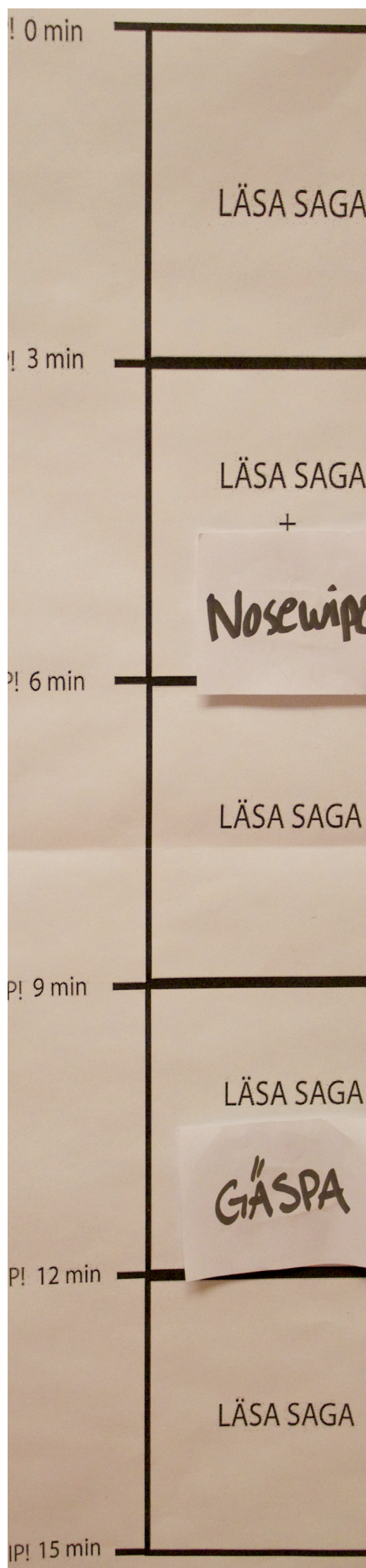
International workshop Studying Digital Cultures

2011-11-25 to 2011-11-26

International workshop Hearing and seeing language: Mocap data in gesture and sign research

During a lab presentation, the different recording systems are presented with a brief explanation of how they work, some examples of how they can be used and some results from previous studies where the equipment has been used. During 2011, the lab hosted **13** demos for international visitors, **11** demos for national visitors och **12** demos for visitors from Lund University.





Projects

Double information - more or less comprehension? Reading comprehension with and without the aid of pictures

Research leader: Mona Holmqvist

Evaluating scanpath comparison algorithms

Research leader: Richard Dewhurst

Exotic vowels in Swedish, an articulographic study of palatal vowels [VOKART]

Research leader: Susanne Schötz

Eye-tracking: a comprehensive guide to methods and measures

Research leader: Kenneth Holmqvist

Eye-tracking with great apes

Research leaders: Richard Andersson, Mathias Osvath, Tomas Persson

Factors influencing precision and accuracy in eye-tracking measurements

Research leader: Marcus Nyström

Fit for duty

Research leader: Kenneth Holmqvist

Language, cognition and landscape (LACOLA): understanding cross-cultural and individual variation in geographical ontology

Research leader: Niclas Burenhult

Multimodal learning

Research leader: Jana Holsanova

Neural correlates of early word learning

Doctoral Student: Kristina Borgström

Optimizing presentation of breast tomosynthesis image volumes using eye tracking combined with a free response human observer study

Research leader: Kenneth Holmqvist

Sound exposure, eye movements, and cognitive load

Research leader: Frans Mossberg

Swedish word order processing in second language learners and native speakers: A psycholinguistic and neurocognitive approach (SWOP2)

Research leader: Marianne Gullberg

The existence and use of mental images

Research leader: Roger Johansson

Using eye tracking and Event-Related Potentials to monitor skill acquisition in visual processing

Research leader: Richard Dewhurst

Gesture production and speech fluency in child and adult language learners' discourse

Research leader: Maria Graziano

Conference Presentations

2011-04-26

W means forward. Everybody knows that...
Game engines for historical visualizations
Nordic Tag 26-29 April
Kalmar
Stefan Lindgren, Carolina Larsson

2011-04-26

Borg - a mix of real and virtual reality
Nordic Tag 26-29 April
Kalmar
Stefan Lindgren

2011-05-19

Participants know best: how calibration
method affects data quality
VSS
Naples, Florida
Kenneth Holmqvist

2011-05-28

Attending to different types of visuals in
massmedia
Internation Communication Association
Boston
Jana Holsanova, Nils Holmberg Kerstin Gidlöf

2011-06-09

Age-related lip movement repetition
variability in two phrase positions.
Fonetik 2011, June 9-11, 2011
Speech, Music and Hearing, KTH, Stockholm
Frid, J., Schötz, S., Löfqvist, A.

2011-06-09

Exotic vowels in Swedish: a project
description and an articulographic and
acoustic pilot study.
Fonetik 2011, June 9-11 2011
Speech, Music and Hearing, KTH, Stockholm,
Schötz, S., Frid, J., Löfqvist, A.

2011-06-10

Age-related differences in repetition
variability: Analysis of lip movements using
functional data analysis. .
6th International Conference on Speech
Motor Control, June 8-11 2011
Groningen - Nijmegen,
Schötz, S., Frid, J., Löfqvist, A.

2011-08-17

Exotic vowels in Swedish, an articulographic

and acoustic pilot study
International Congress of Phonetic Sciences
Hong Kong
Susanne Schötz, Johan Frid

2011-08-19

Functional data analysis of lip movements:
Repetition variability as a function of age
International Congress of Phonetic Sciences
Hong Kong
Johan Frid, Susanne Schötz

2011-08-26

Scanpath comparison depends on how you
look at it: Evaluating a MultiMatch comparison
algorithm
European Conference on Eye Movements
(ECEM)
Marseille
Richard Dewhurst

2011-04-15

Eye-tracking and cognition
Helsinki University
Helsinki
Kenneth Holmqvist

2011-08-31

Digital Humanities within U21
U21
Palestra, Lund
Stefan Lindgren

2011-09-09

"Vision Science" (visual-based attention (with
an emphasis on eye tracking) perception,
memory and sensory-motor control)
Bielefeld University within the Excellence
Cluster "Cognitive Interaction Technology"
Bielefeld
Kenneth Holmqvist

2011-10-17

Pompeji och de digitala möjligheterna
Digital Heritage Forum Seminar
AF, Lund
Stefan Lindgren

2011-10-17

Digitala ben
Digital Heritage Forum Seminar
AF, Lund
Carolina Larsson

2011-10-17

Virtuella kroppar
Digital Heritage Forum Seminar
AF, Lund
Carolina Larsson

2011-11-23

Pompeii
Department of Archaeology and ancient
history seminar
Dept. of Archaeology, Lund
Carolina Larsson, Stefan Lindgren

2011-12-13

When words fail: the relationship between
gestures and disfluency in child and adult
language learners' speech production
(poster).
Workshop Production and Comprehension
of Conversational Speech, Nijmegen, 12-13
December
Nijmegen
Maria Graziano, Marianne Gullberg

Invited Talks

2011-01-12

Electrophysiological studies of language
development
The Swedish Neuropsychological Society
Lund University Hospital
Kristina Magnusson

2011-01-18

Eye-tracking and cognition
An eye on text and object design
Stuttgart Universität
Stuttgart
Kenneth Holmqvist

2011-04-04

Technological advances in writing tools:
Keystroke logging? Some research questions
European Research Network on Learning to
Write Effectively, COST
Potsdam, Germany
Victoria Johansson

2011-04-08, 09

Microlectures about the labs research
Centre for Language and Literature, Lund
Staff members

2011-04-15

Eye-tracking and cognition
Helsinki University
Helsinki
Kenneth Holmqvist

2011-05-05

Eye movements and visual attention -
relevant for cartographers?
Geocentre, Lund
Marcus Nyström

2011-05-21

An overview of eye-tracking research at the
humanities laboratory
Pedagogic, Gothenburg University
Gothenburg
Marcus Nyström

2011-08-23

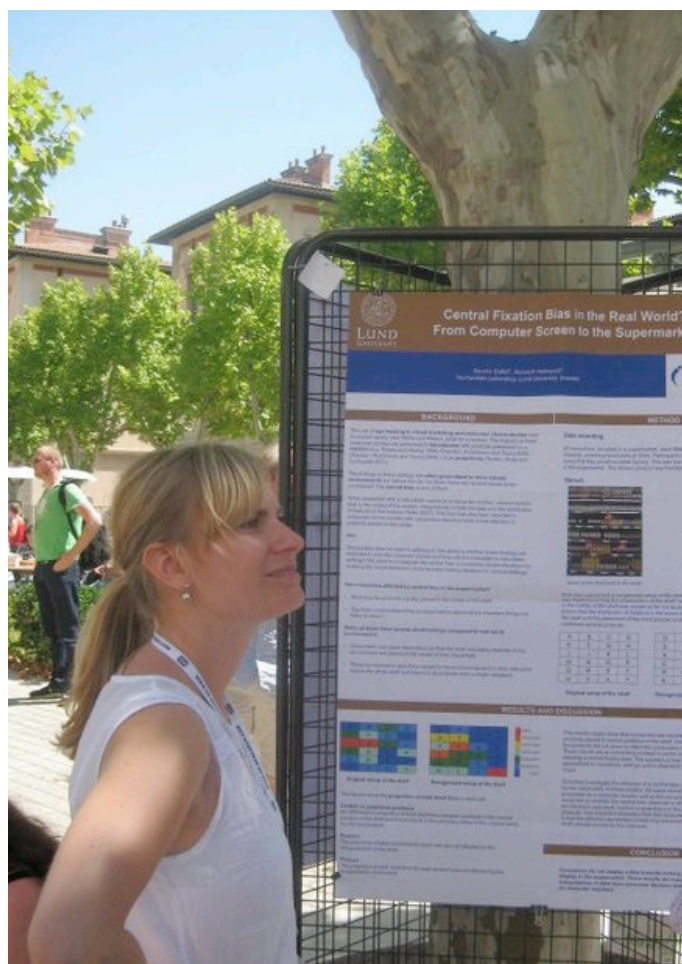
Plenary talk on our standardization work
ECEM 2011
Marseille
Kenneth Holmqvist

2011-09-27

Two articulographic studies: Lip movement
variability and Exotic Swedish vowels
KTH, Stockholm
Susanne Schötz, Johan Frid

2011-11-30

Non solo parole
Lecture on Gestures in Italy in the Italian
course.
Centre for Languages and Literature, Lund
Maria Graziano



Courses and Lectures

2011-01-19,21,28

Raster- and vector software, Digital archaeology

2011-01-31

Audio- & video-recording

2011-01-25

Introductory statistics

2011-02-04

Photogrammetry, Digital archaeology

2011-02-07

Workshop: CLAN transcription (intro)

2011-02-09

CLAN transcription (advanced)

2011-02-23

CLAN analysis

2011-02-28

CLAN analyses (advanced)

2011-02-09

3d-scanning, Digital archaeology

2011-02-11

3d-scanning and photogrammetry, Digital archaeology

2011-02-14

ELAN transcription and coding

2011-02-16

Praat-intro

2011-02-16

LETA international 3-day crash course

2011-02-23

Virtual characters, Humanistic informatics

2011-02-24

Visualizations in a VR-cube

2011-03-02

Statistics for corpus linguistics

2011-03-03

Cognitive processes of writing

2011-03-04

Cognitive linguistics

2011-03-15

Eye-tracking methodology
Dutch Ph.D. students
Utrecht

2011-03-16

To digitize your world with 3d-scanning,
Humanistic informatics

2011-03-23

3d-modelling in Blender, Humanistic informatics

2011-03-29

Acoustic phonetics for musicologists

2011-03-30

Character modelling in Blender and Sculptris,
Humanistic informatics

2011-04-05

E-prime introduction

2011-04-13

Statistics seminar - Multiple regression

2011-04-27

Sounds in virtual worlds, Humanistic informatics

2011-04-27,28,29 and 2011-05-04,06,09

3D Modeling in Blender - Visualization techniques in archaeology

2011-04-28

E-prime demo

2011-04-28

ELAN for gesture analysis

2011-04-28

Läsning och skrivning - aktuell forskning /
Reading and Writing- Current research

2011-04-29

Tillämpad ögonrörelseforskning / Applied eye-tracking research

2011-05-02

Game engines & Unity, Humanistic informatics

2011-05-04

Statistics seminar - Correspondence analysis

2011-05-10

E-prime

2011-05-10

Rigging of 3d-characters, Humanistic informatics



2011-05-11

Animation of 3d-characters, Humanistic informatics

2011-05-12

Basic Unity, Humanistic informatics

2011-05-20

Blender and Flash animations, Humanistic informatics

2011-05-25

Motion capture, Humanistic informatics

2011-05-03

EEG course

2011-06-08

Introduction to LaTeX for humanists part 1

2011-06-26

Introduction to LaTeX for humanists, part 2

2011-09-19

Introduction to 3d and Blender, Humanistic Informatics

2011-09-26

Soundscapes, Humanistic informatics

2011-11-14

Gameworlds - unity introduction, Humanistic informatics

2011-11-18

Experimental Phonetics: introduction to acoustics and articulography

2011-09-23

LETA international 3-day crash course

Supervision

During 2010-11 staff members at the lab supervised

five PhD-students

six Masterstudents

one undergraduate student

Collaborations

ITU gaze group
IT University, Copenhagen

The Dalby project
Dept. of Archeology, Centre for Theology
and Religious Studies, Dep. of Architecture
Kulturen Museum in Lund

Malmö 1692 motion capture
Malmö 1692 through VHM
Dep of Design, IKDC

Recording of experimental stimuli
Jan Vanhove
Freiburg University

Spatial cognition
Project meeting
(Lund-Bremen- Urbana- Champaign-
Melbourne)
Bremen university

Learning vector analysis (eye-tracking)
Mathematics/Physics department

Faro Nylí
Demo of 3d-scanner

VTI - Väg och trafik institutet

Wasamuseet
Medieteknikprogrammet Malmö University

Virtual Heritage Lab
National Research Council of Italy

GIS Centre

Altus Bewag
Demo of differential GPS

Essex University
Development of a new scanpath similarity
measure

U21
Birmingham university

Riksantikvarieämbetet, ISTI
Dept of Archeology
Meeting about digitizing rockcarvings

Skånes hembyggsförbund, Lunds University
Historical Museum,
Humlab, VR-lab IKDC
Visualisering inom kulturarvssektorn

Svenska pompeji utgrävningen
Dept of Archeology
3d-scanning Swedish Pompeji excavation



Consulting

2011-01-17

Stuttgart Universität on set-up of eye-tracking lab
*Stuttgart Universität
Stuttgart*

2011-01-18

Experimental design issue
*Keylime interactive
Fort Lauderdale, Florida*

2011-01-19

General method issues
*Copenhagen Business School
Copenhagen*

2011-02-02

Use of google forms

2011-02-10

Statistical analysis for dissertation

2011-02-21

Advice in preparation of project with eye-tracking
the Association of Danish Ophtamologist

2011-02-23

Consulting and statistical analysis for dissertation

2011-02-25

Psycholinguistics - speech perception

2011-02-26

Preparations for eye-tracking and EEG-experiments
Stanford University

2011-03-01

Consulting for dissertation

2011-03-02

Expert evaluation on the use of eye tracking methodology in applied media research
DFG (Deutsche Forschungsgemeinschaft)

2011-03-07

Scanning

2011-03-08

Translation of old file format

2011-03-10

Experimental design issues
Cyprus University of Technology

2011-03-10

LaTeX

2011-03-11

Videorecording equipment

2011-03-23

Statistical analysis

2011-04-14

Feedback to Ph.D. students
*Dept. of Psychology, Helsinki University
Helsinki*

2011-03-24

Details in communication between eye-trackers and stimulus software
*Department of Communication Disciplines,
Bologna*

2011-03-24

Details in event-detection algorithms and their settings

2011-03-24

Precise calculation of saccadic amplitude
SensoMotoric Instruments

2011-03-24

Videorecording equipment

2011-03-25

Consulting for masters thesis

2011-03-31

Camerasetup in the auditorium

2011-04-06

Videoediting

2011-04-07

Videorecording, cameras and setups

2011-04-07

Consulting for statistical analysis

2011-04-08

Multiple regression analysis

2011-04-13

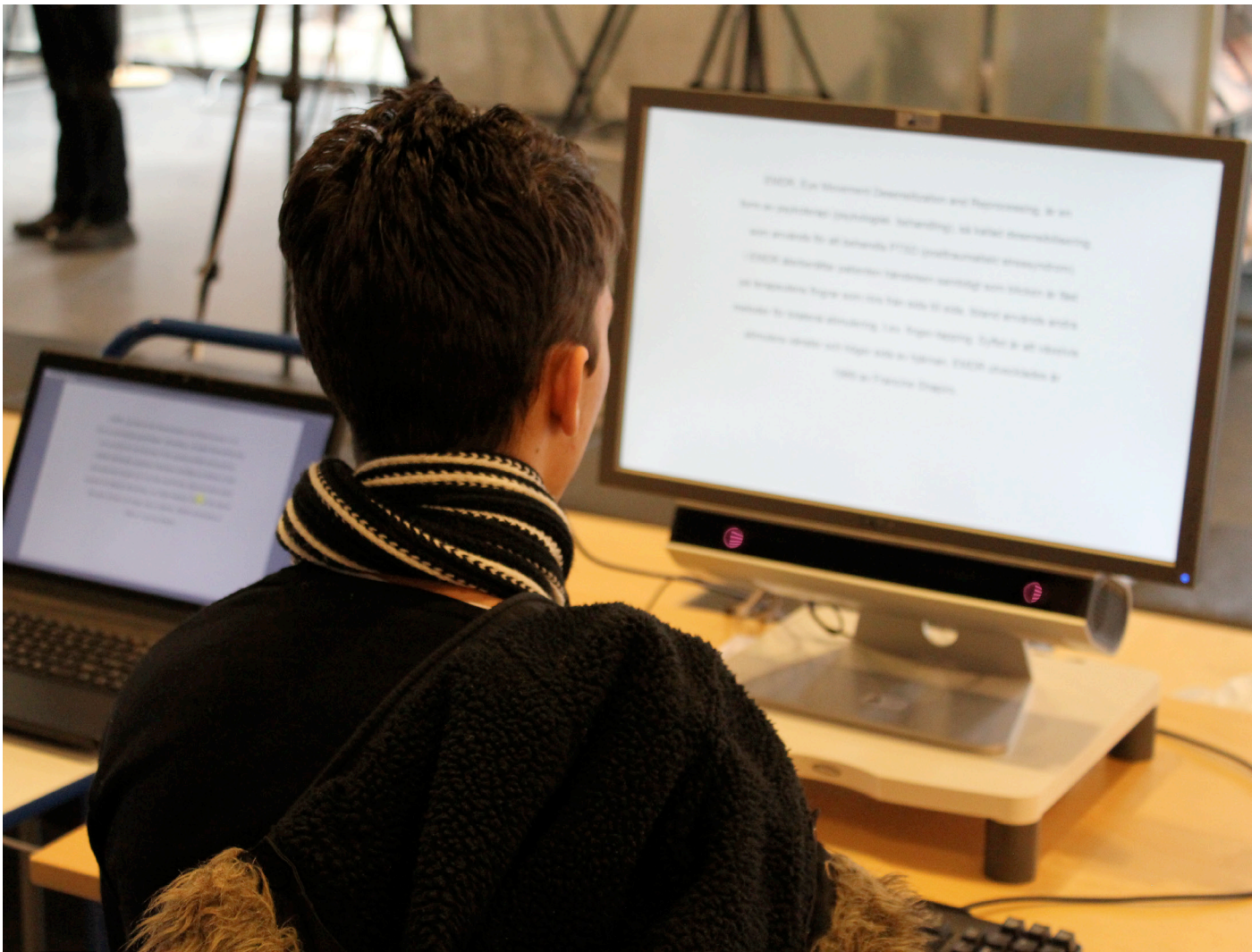
Motion capture demo and recording

2011-04-13

Soundrecording

2011-04-14

Soundrecording equipment



2011-04-14
Consulting for questionnaire analysis

2011-04-15
Consulting and analysis for masters thesis

2011-04-16
Video- and soundrecording setup

2011-04-19
Soundrecording

2011-04-20
E-prime voicekey installation

2011-04-27
Consulting with transcription methods

2011-04-29
Sound recording of Latin poems

2011-05-10
Consult with dissertation analysis

2011-05-17
Selecting and evaluating measurement systems

2011-05-19
Feedback to a major manufacturer of measurement systems on how to calculate accuracy

2011-05-19
Advised a group from Linköping University on how to develop their laboratory

2011-06-10
Developed tool for inter-rater agreements in annotations

2011-06-14
Advised on how to think scientifically about fonts and graphical design

2011-08-19
Sound recording

2011-08-30
Initial planning of course in Experimental Phonetics

2011-09-07
Setting up video conference system for educational purposes

2011-09-16
Introduction to updated mocapsystem

2011-09-20
Developed tool for analysing time-course data in annotations

2011-10-04
ScriptLog Experiment

2011-10-20
Event detector in Matlab

2011-11-16
Video recording

2011-11-30
Sound recording equipment

2011-12-02
E-prime recordings

2011-12-07
Mocap system

2011-12-07
Video- and sound recording equipment

2011-12-14
Advised Högskolan Dalarna on initial decision and procurement of mobile eye-tracker

2011-12-14
Advised visitors from South Africa about eye-tracking and ScriptLog

2011-12-20
Statistical analysis



Method Development and Internal Training

2011-02-07

Connecting motion capture to articulography
motion capture Qualisys, articulograph

2011-02-08

Testing a Kinect system for mocap and
3d-capture

2011-08-12

Education, Differential GPS

2011-09-15

Education, Faro-scanner

2011-09-21

Testing differential GPS at excavation in
Uppåkra

2011-10-25

Education, Motion capture

Visitors

2011-05-17

Universität Trier
Hans-Juergen Bucher

2011-07-29

University of Essex
Tom Foulsham

2011-08-17

Universiteit van die Vrystaat
Pieter Blignaut

2011-10-12

Max Planck Institute for Psycholinguistics
(12/10-26/10)
Peter Withers

2011-10-21

Heerlen University
Halzska Jarodzka

2011-10-24

KMRC Tübingen (24/10-30/10)
Katharina Scheiter and Alexander Eitel

Social Media



Homepage:

<http://www.humlab.lu.se/>



YouTube Channel:

<http://www.youtube.com/user/HumanitiesLab>



Facebook page:

<http://www.facebook.com/pages/Lund-Humanities-Lab>



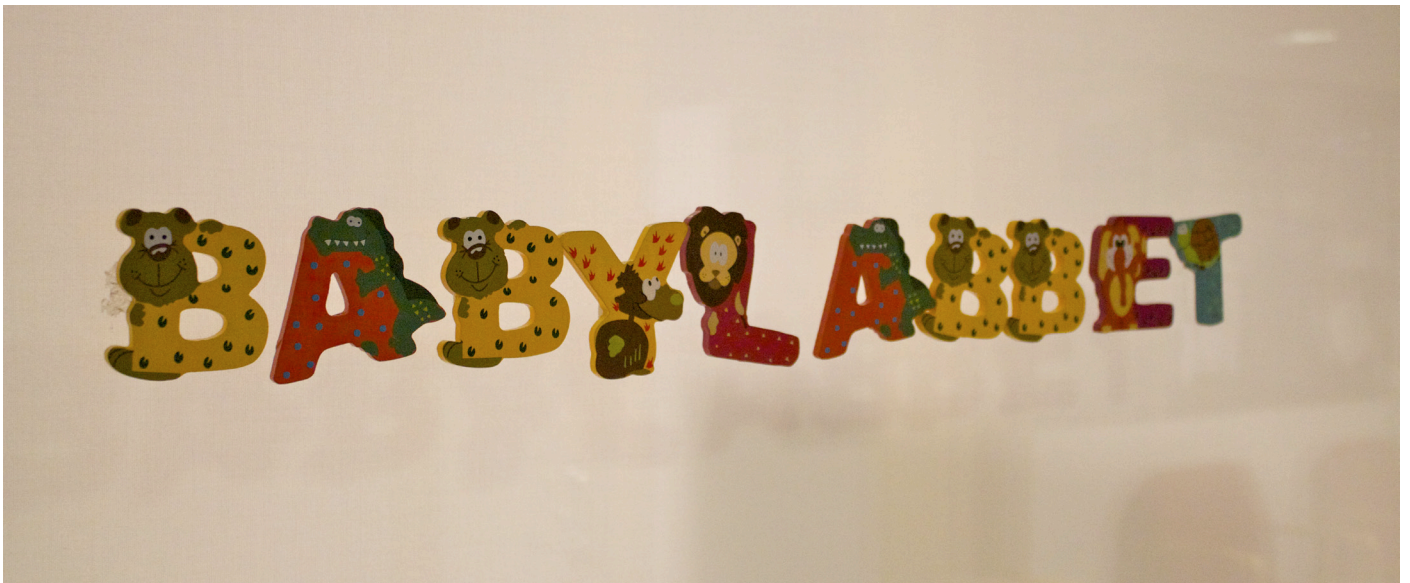
Blog:

<http://blog.humlab.lu.se/>

Staff Members

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Shifteh Amirhekmat	<i>Project Assistant</i>
Annika Andersson	<i>Project Assistant</i>
Richard Andersson	<i>PhD Student</i>
Kristina Borgström	<i>PhD Student</i>
Niclas Burenhult	<i>Researcher</i>
Richard Dewhurst	<i>Researcher</i>
Nicolo DellUnto	<i>Researcher</i>
Johan Frid	<i>Researcher</i>
Kerstin Gidlöf	<i>PhD Student</i>
Maria Graziano	<i>Researcher</i>
Marianne Gullberg	<i>Director</i>
Nils Holmberg	<i>PhD Student</i>
Kenneth Holmqvist	<i>Researcher, Technical Director</i>
Jana Holsanova	<i>Researcher</i>
Juliette Huber	<i>Researcher</i>
Roger Johansson	<i>PhD Student</i>
Victoria Johansson	<i>IT-pedagogue, Researcher</i>
Carolina Larsson	<i>Project Assistant</i>
Stefan Lindgren	<i>Research Engineer</i>
Paulina Lindström	<i>Project Assistant</i>
Fiona Mulvey	<i>Researcher</i>
Marcus Nyström	<i>Research Engineer, Researcher</i>
Azra Padjan	<i>Administrative Assistant</i>
Maja Petersson	<i>Project Coordinator</i>
Susanne Schötz	<i>IT-pedagogue, Researcher</i>
Tom Sköld	<i>Technician</i>
Åsa Thormählen	<i>Project Coordinator</i>
Joost v d Weijs	<i>Researcher</i>
Cecilia Whitehorn	<i>Financial Manager</i>







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Humanities and Theology

www.humlab.lu.se