

Program

MONDAY, NOVEMBER 27
SUMMER SCHOOL PROGRAM

| RECEPTION ROOM | | | | |
|----------------|---|--|---|--|
| 8.00-9.00AM | SUMMERFEST REGISTRATION | | | |
| 9.00 -10.30 | INTRODUCTORY COURSES ¹ | | | |
| | STREAM A Council Room | STREAM B Tutorial Room | STREAM C Common Room | STREAM D Library |
| | Introduction to Music Perception and Cognition Barbara Tillman CNRS Lyon,France | Human Computer Interaction: Personalisation and User Control Judy Kay USyd | Introduction to Cognitive Neuropsychology Max Coltheart MacqU | Bayesian Networks and Markov Models Ingrid Zukerman MonashU |
| 10.30-11.00AM | MORNING TEA | | | |
| 11.00-12.30 | Introduction to Music Perception and Cognition Barbara Tillman CNRS Lyon,France | Human Computer Interaction: Personalisation and User Control Judy Kay USyd | Introduction to Cognitive Neuropsychology Max Coltheart MacqU | Bayesian Networks and Markov Models Ingrid Zukerman MonashU |
| 12.30-2.00PM | LUNCH | | | |
| 2.00-3.30 | ADVANCED COURSES ¹ | | | |
| | STREAM A Common Room | STREAM B Tutorial Room | STREAM C Council Room | STREAM D Library |
| | Time Series Analysis Applied to Music Emery Schubert UNSW | Human Factors: Decision Making Mark Wiggins UWS | Acquired Neurological Language Disorders Helen Chenery UQld | Interactive Multi-modal Systems Michael Johnston AT&T Research |
| 3.30-4.00PM | AFTERNOON TEA | | | |
| 4.00-5.30 | Time Series Analysis Applied to Music Emery Schubert UNSW | Human Factors: Decision Making Mark Wiggins UWS | Acquired Neurological Language Disorders Helen Chenery UQld | Interactive Multi-modal Systems Michael Johnston AT&T Research |
| OCTAGON ROOM | | | | |
| 6.00-9.00PM | STUDENT POSTER SESSION AND REFRESHMENTS | | | |

¹Please note that room locations change for some streams due to enrolment numbers. Note also that while intro and advanced courses in each stream are related, they are independent although the content of the advanced course will build on knowledge of the intro course.



**MONDAY, NOVEMBER 27
STUDENT POSTER EVENING PROGRAM**

| OCTAGON ROOM | | |
|---------------------------------------|--|----------------|
| 6.00PM | POSTER EVENING REGISTRATION | |
| 6.15PM | WELCOME ADDRESS Professor Wayne McKenna Pro Vice Chancellor, Executive Dean, College of Arts, Campus Provost University of Western Sydney | |
| STREAM A 6.30-7.00PM | | |
| NAME | POSTER TITLE | BOARD LOCATION |
| Akmatova, Elena (MacqU) | Inference rules in textual entailment | 1A |
| Bissett, Melanie (UMelb) | What do we mean when we say 'I'm bored' and 'It's boring'? | 2A |
| Cheng, Kelvin (USyd) | Direct interaction with large displays | 3A |
| Eren, Senem (MCRI) | Neural correlates of post-traumatic stress symptoms in children with traumatic brain injury | 4A |
| Halovic, Shaun (UWS) | How effect is perceived through the kinematics of gait | 5A |
| Kan, Alan (USyd) | Psychoacoustic evaluation of near-field virtual auditory space generated using synthesized head-related transfer functions | 6A |
| Liu, Charles (UMelb) | Covert attention improves the speed and accuracy of simple detection | 7A |
| Martin, Ben (UQ) | Formal concept analysis and semantic file systems | 8A |
| Nedeljkovic, Maja (UMelb) | Neurocognitive, metamemory and other cognitive changes following treatment for OCD | 9A |
| Powley, Brett (MacqU) | Extracting and understanding citations in academic literature | 10A |
| Sheriden, James (ANU) | Mental gardening | 11A |
| Sommerville, Peter (LaTrobe) | Classification of digital musical instruments using unsegmented and segmented audio files | 12A |
| Treharne, Kenneth (Flinders) | Information encoding in animation | 13A |
| Wang, Lei (QUT) | Delivering a fully interactive mobile TV | 14A |
| Zwarts, Simon (MacqU) | Structural characteristics in machine translation | 15A |
| STREAM B 7.00-7.30PM | | |
| NAME | POSTER TITLE | BOARD LOCATION |
| Antoniou, Mark (UWS) | Effects of linguistic context on bilingual speech production and perception | 1B |
| Blom, Michelle (UMelb) | Development and evaluation of speech perception testing software | 2B |
| Doron, Guy (UMelb) | Sensitive domains of self-concept in obsessive compulsive disorder project | 3B |
| Erdener, Dogu (UWS) | Development of auditory-visual speech perception in English-speaking children | 4B |
| Harry, Bronson (UMelb) | Causes of categorical perception of colour: The effect of labelling | 5B |
| Kim, Sue-Nam (UMelb) | Automatic interpretation of semantic relations in noun compounds via verb semantics | 6B |
| Loh, Vanessa (USyd) | Error training in a dynamic decision-making task | 7B |

**MONDAY, NOVEMBER 27
STUDENT POSTER EVENING PROGRAM**

| | | |
|---------------------------|---|-----|
| Mason, Paul (UWS) | Music, movement and metaphor: An investigation of degeneracy in human behaviour | 8B |
| Nicholson, Jeremy (UMelb) | Bootstrapping deep lexical acquisition for LotE | 9B |
| Purves, Collette (JCU) | Stimulus congruency and the sound-induced flash effect | 10B |
| Smith, Amanda (UMelb) | Cognitive phenotype of a GABA _A receptor mutation | 11B |
| Stevenson, Duncan (CSIRO) | Human factors in broadband tele-collaboration for complex tasks | 12B |
| Tsegay, Yohannes (RMIT) | Snippet extraction for web search engine result lists | 13B |
| Whiting, Emma (UQ) | Dexamphetamine and the explicit learning of new names for everyday objects | 14B |

**STREAM C
7.30-8.00 PM**

| NAME | POSTER TITLE | BOARD LOCATION |
|-------------------------------|--|-----------------------|
| Atkins, Peter (UNSW) | Is music spiritual? What do people mean by "a spiritual experience in music"? | 1C |
| Bruck, Susan (MacqU) | Virtual reality immersive environments and their role in the management of motion sickness | 2C |
| Douglas, Susan (UMelb) | Preposition use in the language of children with autism | 3C |
| Frimannsson, Asgeir (QUT) | Context-sensitive translation memory Matching | 4C |
| Holmes, Anna (UQ) | Effects of nicotine on strategy-based semantic priming | 5C |
| Lam, Christa (UWS) | Maternal speech to hearing-impaired infants | 6C |
| McDonnell, Collin (UMelb) | The effect of stimulation rate on masking in cochlear implant users | 7C |
| Matthews, Christine (UMelb) | Task switching processes in patients with Parkinson's disease: The role of the basal ganglia | 8C |
| Pavlis, Alexia (Victoria Uni) | The impact of degraded distractors on (non-degraded) target identification | 9C |
| Reid, Russell (SCU) | First- and second-order processing of biological motion | 10C |
| Smith, Damien (UWS) | Methods for training lexical tone perception in children with cochlear implants | 11C |
| Sussex, Rebecca (UMelb) | Are music and language lexicons separate in the brain? | 12C |
| Viethen, Jette (MacqU) | The drawer above the drawer above the drawer... | 13C |
| Woodley, Alan (QUT) | Natural language processing and XML retrieval | 14C |

**STREAM D
8.00-8.30 PM**

| NAME | POSTER TITLE | BOARD LOCATION |
|-----------------------------|---|-----------------------|
| Bartsch, Lauren (SCU) | The auditory perception of biological motion: The eyes alone don't have it! | 1D |
| Bylstra, Michael (Canb Uni) | The ambient sonification of cloudscares | 2D |
| Eager, Michael (UMelb) | Mechanisms for spectral enhancement in the auditory brainstem | 3D |
| Gui, Li (QUT) | A cross-layer design for hard real-time applications in wireless networks | 4D |
| Ivanovic, Edward (UMelb) | Dialogue acts for IM-based support services | 5D |
| Lampert, Andrew (CSIRO) | Exploiting patterns of conversation | 6D |



**MONDAY, NOVEMBER 27
STUDENT POSTER EVENING PROGRAM**

| | | |
|---------------------------|---|-----|
| MacHatch, Coralia (SC) | At a glance: Presentation duration, not amount of information drives the extraction of coherent form from biological motion cues | 7D |
| Moulding, Richard (UMelb) | Mediated and direct effects of control beliefs on obsessive compulsive symptoms | 8D |
| Pike, Kerry (MonashU) | Encoding & retrieval processes using paired associate learning in Alzheimer's disease | 9D |
| Ruiz, Natalie (NICTA) | Cognitive load measurement in multimodal interfaces | 10D |
| Smith, Erin (UQ) | Hemispheric contributions to language: A divided visual field and event-related potential investigation of semantic and association priming | 11D |
| Taft, Daniel (UMelb) | Phase-dependent sound processing for the cochlear implant | 12D |
| Wan, Stephen (MacqU) | Generating novel sentences for summarisation | 13D |
| Yau, Wei Chee (RMIT) | Lipreading system using facial movement features | 14D |



**TUESDAY, NOVEMBER 28
SUMMER SCHOOL PROGRAM**

| RECEPTION ROOM | | | | |
|-----------------------|--|--|--|---|
| 8.00-9.00AM | SUMMERFEST REGISTRATION | | | |
| 9.00 -10.30 | INTRODUCTORY COURSES | | | |
| | STREAM E Council Room | STREAM F Tutorial Room | STREAM G Common Room | STREAM H Library |
| | Introduction to Auditory Perception Simon Carlile USyd | Introduction to Field Work Methods Tom Honeyman USyd | Introduction to Psycholinguistics: Logic in Child Language Acquisition Stephen Crain MacqU | Introduction to Biometrics Ted Dunstone Biometix |
| 10.30-11.00AM | MORNING TEA | | | |
| 11.00-12.30 | Introduction to Auditory Perception Simon Carlile USyd | Introduction to Field Work Methods Tom Honeyman USyd | Introduction to Psycholinguistics: Logic in Child Language Acquisition Stephen Crain MacqU | Introduction to Biometrics Ted Dunstone Biometix |
| 12.30-2.00PM | LUNCH | | | |
| 2.00-3.30 | ADVANCED COURSES | | | |
| | STREAM E Council Room | STREAM F Common Room | STREAM G Tutorial Room | STREAM H Library |
| | Acoustics of Musical Instruments Joe Wolfe UNSW | Statistics for Linguistics Mark Dras MacqU | Signed Languages Trevor Johnston MacqU | Auditory-Visual Speech Perception Chris Davis UWS |
| 3.30-4.00PM | AFTERNOON TEA | | | |
| 4.00-5.30 | Acoustics of Musical Instruments Joe Wolfe UNSW | Statistics for Linguistics Mark Dras MacqU | Signed Languages Trevor Johnston MacqU | Auditory-Visual Speech Perception Chris Davis UWS |
| QUADRANGLE | | | | |
| 6.00-7.00PM | WELCOME RECEPTION AND REFRESHMENTS | | | |



**WEDNESDAY, NOVEMBER 29
DETAILED SPEED PAPER PROGRAM**

| | | |
|-----------------------|--|--|
| RECEPTION ROOM | | |
| 8.00-9.00 AM | SUMMERFEST REGISTRATION | |
| COMMON ROOM | | |
| 9.00-10.00 AM | KEYNOTE PRESENTATION Johan Sundberg Department of Speech, Music and Hearing, KTH Sweden Singers' Communication <i>(Chair: Robert Dale)</i> | |
| 10.00-10.45 | 10.00-10.35 | The effect of deep brain stimulation in Parkinson's Disease on language processing Tony Angwin |
| | | Rhythm ramps? Freya Bailes |
| | | Emotive sonification Stephen Barrass |
| | | Memory for space and time: The neurobiological basis of spatio-temporal binding in memory processing Christopher Benjamin |
| | | Robust and effective spoken dialogue interaction Lawrence Cavedon |
| | | The value of meaning and the meaning of values Denise Dillon |
| | 10.35-10.45 | Break, collect forms, questions <i>(Chair: Rick van der Zwan)</i> |
| 10.45-11.15 AM | MORNING TEA | |
| 11.15-12.00 | 11.15-11.50 | Early reading intervention in indigenous education Tim Doherty |
| | | Iterated learning for historical linguistics Mark Ellison |
| | | Text attribution tool Dominique Estival |
| | | Social phobia: When being realistic is unrealistic Nicolas Fay |
| | | Malay classifier acquisition Khazriyati Salehuddin |
| | | Making art using evolutionary algorithms and artificial AI Tom Gedeon |
| | Active sensing in improvisational agents Toby Gifford | |
| 11.50-12.00 | Break, collect forms, questions <i>(Chair: Helen Chenery)</i> | |
| 12.00-12.45 | 12.00-12.30 | Using 3D lip tracking for audio-video speech recognition Roland Göcke |
| | | Applying auditory and neural models to hearing aids and ASR David Grayden |
| | | Architecture of semantics Jai Gupta |
| | | No ifs or butts: Nicotine research calls for study on lexical-semantics with fMRI Anna Holmes |
| | | Virtual collaboration and virtual communities Barbara Kelly |
| | | Learning lexical categories using distributional and semantic information. Richard Leibbrandt |
| | 12.30-12.45 | Break, collect forms, questions <i>(Chair: Lawrence Cavedon)</i> |
| 12.45-2.00 PM | LUNCH | |



**WEDNESDAY, NOVEMBER 29
DETAILED SPEED PAPER PROGRAM**

| | | | |
|--------------|--|--|---------------------|
| 2.00-3.30 | 2.00-2.35 | Information delivery from segmented textual data streams | David Martinez |
| | | Tone deafness: What is its cause and can it be fixed? | Genevieve McArthur |
| | | Researching emotions in speech using ontologies | Gordon McIntyre |
| | | Neurobiological auditory models and the Cyber Ear | Neil McLachlan |
| | | Vocal-tract interactions in saxophone performance | Jer-Ming Chen |
| | | Machine learning for question answering | Diego Molla |
| | 2.35-2.45 | Break, collect forms, questions (<i>Chair: Chris Davis</i>) | |
| | 2.45-3.20 | Developments in adaptive sensory-motor modelling: application to speech and its disorders | Megan Neilson |
| | | Why tinnitus is not just a hearing disorder | William Noble |
| | | Tailoring as contributing to effectiveness in information seeking tasks | Cecile Paris |
| | | Managing channel load in HCI | Darius Pfitzner |
| | | From L0 to L1 and L2 language learning | David Powers |
| 3.20-3.30 | Break, collect forms, questions (<i>Chair: Diego Molla</i>) | | |
| 3.30-4.00 PM | | AFTERNOON TEA | |
| 4.00-4.35 | 4.00-4.25 | Narrative reasoning | Malcolm Ryan |
| | | Working with a chameleon | Rolf Schwitter |
| | | Long-term structure for musical audio and symbol alignment | Iman Suyoto |
| | | A frog in the throat? Comparisons of tract resonances in normal speech, whispering and the croak voice | Yoni Swerdlin |
| | | Detection of temporal patterns in multimodal interaction | Ronnie Taib |
| 4.25-4.35 | Break, collect forms, questions (<i>Chair: Kate Stevens</i>) | | |
| 4.35-5.05 | 4.35-4.55 | Robust speech recognition in hostile environments | Roberto Togneri |
| | | Towards cognate detection and web document readability measurement | Sandra Uitdenbogerd |
| | | Theory independent evaluation of machine learning output | Menno van Zaanen |
| | | What is music for? | Joe Wolfe |
| 4.55-5.05 | Break, collect form, questions (<i>Chair: Denis Burnham</i>) | | |
| 5.05-5.30PM | | HCSNet and You: Open Discussion (<i>Chair: Denis Burnham</i>) | |
| 7.30 PM | | SUMMERFEAST (CONFERENCE DINNER) Holme Building Refectory, University of Sydney | |



**THURSDAY, NOVEMBER 30
ALTW PROGRAM**

| | | |
|-----------------------|---|--|
| RECEPTION ROOM | | |
| 8.00-9.00AM | ALTW REGISTRATION | |
| COMMON ROOM | | |
| 9.00AM | WELCOME AND OPENING | |
| 9.00-10.45 | Session 1 | |
| | Evidence for gradient salience: What happens with competing non-salient referents during pronoun resolution? | Ralph L. Rose |
| | Error correction using utterance disambiguation techniques | Peter Vlugter, Edwin van der Ham, and Alistair Knott |
| | Classifying speech acts using verbal response modes | Andrew Lampert, Robert Dale, and Cecile Paris |
| 10.45-11.15AM | MORNING TEA | |
| 11.15-12.45 | Session 2 | |
| | Verb sense disambiguation using selectional preferences extracted with a state-of-the-art semantic role labeler | Patrick Ye and Timothy Baldwin |
| | Word relatives in context for word sense disambiguation | David Martinez, Eneko Agirre, and Xinglong Wang |
| | Die morphologie (f): targeted lexical acquisition for languages other than English | Jeremy Nicholson, Timothy Baldwin, and Phil Blunsom |
| 12.45-2.00PM | LUNCH | |
| 2.00-3.30 | Poster Session | |
| | <i>Accepted Papers</i> | |
| | Improved default sense selection for word sense disambiguation | Tobias Hawker and Matthew Honnibal |
| | Automatic mapping clinical notes to medical terminologies | Jon Patrick, Yefeng Wang and Peter Budd |
| | Pseudo relevance feedback using named entities for question answering | Luiz Augusto Pizzato, Diego Molla, and Cecile Paris |
| | Web readability and computer-assisted language learning | Alexandra L. Uitdenbogerd |
| | Questions require an answer: A deductive perspective on questions and answers | Willemijn Vermaat |
| | Towards the evaluation of referring expression generation | Jette Viethen and Robert Dale |
| | <i>Student Posters</i> | |
| | Analysis and prediction of user behaviour in a museum environment | Karl Grieser, Tim Baldwin and Steven Bird |



**THURSDAY, NOVEMBER 30
ALTW PROGRAM**

| | | |
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| | Using dialogue acts to suggest responses in support services via instant messaging | Edward Ivanovic |
| 2.00-3.30 | Probabilities improve stress-prediction in a CFG of Hawaiian phonology | 'Oiwi Parker Jones |
| | Towards cognitive optimisation of a search engine interface | Kenneth Treharne, Darius Pfitzner and David Powers |
| | Natural language processing and XML retrieval | Alan Woodley, Xavier Tannier, Marcus Hassler, and Shlomo Geva |
| | Extracting patient clinical profiles from case reports | Yitao Zhang and Jon Patrick |
| 3.30-4.00PM | AFTERNOON TEA | |
| 4.00-4.30 | Session 4 | |
| | Efficient combinatory categorical grammar parsing | Bojan Djordjevic and James R. Curran |
| 4.30-5.30PM | KEYNOTE PRESENTATION (PLENARY SESSION) Michael Johnston AT&T Labs Research New Jersey Robust Multimodal Interaction <i>(Chair: Lawrence Cavedon)</i> | |
| 5.30PM | RECEPTION DRINKS IN QUADRANGLE | |
| COMMON ROOM | | |
| 6.00-7.00PM | PERCEPTION AND ACTION WORKSHOP RECITAL Mary Broughton MARCS Auditory Laboratories, UWS Marimba Plus...Perception and Action in Music Performance | |



**THURSDAY, NOVEMBER 30
PERCEPTION AND ACTION WORKSHOP PROGRAM**

| | |
|-----------------------|--|
| RECEPTION ROOM | |
| 8.00-9.00AM | SUMMERFEST REGISTRATION |
| McDONALD WING | |
| 9.00-9.10AM | WELCOME AND INTRODUCTION |
| 9.10-9.50AM | KEYNOTE PRESENTATION Geoff Stuart Department of Psychology, University of Melbourne Cognition and Action <i>Chair: Rick van der Zwan</i> |
| 9.50 | <i>Questions and Discussion</i> |
| 10.00 | Speed Presentations Session 1: Recognising Actions (Chair: Rick van der Zwan) |
| 10.00-10.30 | Perception of team mates from 400msec video clips of running actions Kylie Steel |
| | Biological motion: The longer you see it the better it gets, but only after a while... Coralia MacHatch |
| | Facilitation of responses to degraded targets by non-degraded distracters Brenda Ocampo |
| | The effect of proprioceptive information on motion detection thresholds Stuart Smith |
| | Action and reaction: Production and perception of contemporary classical marimba performance Mary Broughton |
| 10.25-10.35 | <i>Questions and Discussion</i> |
| 10.35-11.05AM | MORNING TEA |
| 11.05 | Speed Presentations Session 2: Visual/Auditory Interactions (Chair: David Alais) |
| 11.05-11.35 | Sound alters perceptions of unambiguous motions David Cottrell |
| | The effect of auditory cues on the perception of biological motions Russell Reid |
| | Can auditory stimuli affect the perception of gender from visual biological motion cues? Lauren Bartsch |
| | Perception of auditory space during visually directed head turn Joel Cooper |
| 11.25-11.35 | <i>Questions and Discussion</i> |
| 11.35-12.05 | Grant Writing Workshop: The DOs and DON'Ts of competitive grant applications Dr David Alais, University of Sydney |
| 12.05-12.30 | Collaborative Grant Project: (Chair: Rick van der Zwan) The aim is to generate an application to the ARC Linkage - Infrastructure, Equipment, & Facilities (LIEF) programme in the 2007 funding round. |
| 12.30-1.30PM | LUNCH |
| 1.30-2.10PM | KEYNOTE PRESENTATION Matthew Finkbeiner MACCS, Macquarie University On the continuity of perception and action: Evidence from masked priming and a kinematic analysis <i>(Chair: Rick van der Zwan)</i> |

**THURSDAY, NOVEMBER 30
PERCEPTION AND ACTION WORKSHOP PROGRAM**

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| 2.10 | <i>Questions and Discussion</i> | |
| 2.20 | Speed Presentations Session 3: Understanding Expressions (Chair: Kate Stevens) | |
| 2.20-3.00 | 2.20-2.45 | Temporal alignment in performing and receiving referential pointing actions Christian Müller-Tomfelde |
| | | Towards automated analysis of biomodal face and body expression dynamics for emotion recognition Hattice Gunes |
| | | Automatic facial expression tracking for affective computing Roland Göcke |
| | | Improving the smile following facial nerve paresis during physiotherapy rehabilitation with the use of Video Self-Modeling and Implementation Sue Coulson |
| | 2.45-3.00 | <i>Questions and Discussion</i> |
| 3.00 | Speed Presentations Session 4: Memory (Chair: Matthew Finkbeiner) | |
| 3.00-3.30 | 3.00-3.20 | Evidence for a possible motor representation of spatial movements among hearing non-native signers Madeleine Keehner |
| | | Repetition effects on comprehending and remembering actions Ann Remond & Veronika Coltheart |
| | | Forms of memory underlying perceptual anticipation in acquired sporting skills John Sutton & Doris McIlwain |
| | 3.20-3.30 | Enculturated ontologies of trumpet performance Tim Humphrey |
| 3.20-3.30 | <i>Questions and Discussion</i> | |
| 3.30-4.00 PM | AFTERNOON TEA | |
| 4.00-4.30 | Summary and Conclusions (Chair: Rick van der Zwan) | |
| COMMON ROOM | | |
| 4.30-5.30 PM | KEYNOTE PRESENTATION (PLENARY SESSION) Michael Johnston AT&T Labs Research New Jersey Robust Multimodal Interaction (Chair: Lawrence Cavedon) | |
| 5.30 PM | RECEPTION DRINKS IN QUADRANGLE | |
| COMMON ROOM | | |
| 6.00-7.00 PM | PERCEPTION AND ACTION WORKSHOP RECITAL Mary Broughton MARCS Auditory Laboratories, UWS Marimba Plus...Perception and Action in Music Performance | |
| 7.00 PM | SOCIAL BBQ IN QUADRANGLE | |



FRIDAY, DECEMBER 1
ALTW PROGRAM

| | |
|-----------------------|---|
| RECEPTION ROOM | |
| 8.00-9.00AM | ALTW REGISTRATION |
| McDONALD WING | |
| 9.00-9.40AM | <p style="text-align: center;">KEYNOTE PRESENTATION (PLENARY SESSION) Tanja Schultz Advanced Communication Technologies, Language Technologies Institute, Carnegie Mellon University Human-Computer Interaction based on Acoustic Signals, Muscle Movements, and Brainwaves <i>(Chair: Denis Burnham)</i></p> |
| 9.40 | Questions and Discussion |
| COMMON ROOM | |
| 10.15-10.45 | <p>Session 5</p> <p>Computational semantics in the Natural Language Toolkit Ewan Klein</p> |
| 10.45-11.15AM | MORNING TEA |
| 11.15-12.45 | <p>Session 6</p> <p>Experiments with sentence classification Anthony Khoo, Yuval Marom and David Albrecht</p> <p>Invited Presentation: User modeling for language technologists Judy Kay</p> |
| 12.45-2.00PM | LUNCH |
| 2.00-3.30 | <p>Session 7</p> <p>Named entity recognition for question answering Diego Molla, Menno van Zaanen, and Daniel Smith</p> <p>Named entity recognition for astronomy literature Tara Murphy, Tara McIntosh, and James R. Curran</p> <p>This phrase-based SMT system is out of order: Generalised word reordering in machine translation Simon Zwarts and Mark Dras</p> |
| 3.30-4.00PM | AFTERNOON TEA |
| 4.00-4.45 | <p>Session 8</p> <p>Using dependency-based features to take the "parafarce" out of paraphrase Stephen Wan, Mark Dras, Robert Dale, and Cecile Paris</p> <p>Closing Remarks</p> |
| 4.45-5.45PM | ALTA ANNUAL GENERAL MEETING |



**FRIDAY, DECEMBER 1
HUMAN AND MACHINE SPEECH WORKSHOP PROGRAM**

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|-----------------------|--|
| RECEPTION ROOM | |
| 8.00-9.00AM | SUMMERFEST REGISTRATION |
| McDONALD WING | |
| 9.00-9.40AM | KEYNOTE PRESENTATION (PLENARY SESSION) Tanja Schultz Advanced Communication Technologies, Language Technologies Institute, Carnegie Mellon University Human-Computer Interaction based on Acoustic Signals, Muscle Movements, and Brainwaves <i>(Chair: Denis Burnham)</i> |
| 9.40 | Questions and Discussion |
| 9.50 | Theme 1: Speech processing challenges: Human insights <i>(Chair: Anne Cutler)</i> |
| 9.50-10.15 | 9.50-10.10 Modelling of the acoustic-phonetics by the hidden dynamic model (HDM) paradigm Roberto Togneri |
| | 10.10-10.15 Questions and Discussion |
| 10.15-10.40 | 10.15-10.35 Development of conversational fluency: the challenges of speech production in real-time Benjamin Jardine |
| | 10.35-10.40 Questions and Discussion |
| 10.40-11.05 | 10.40-11.00 Using research on human language processing to improve machine language processing James Thompson |
| | 11.00-11.05 Questions and Discussion |
| 11.05-11.30AM | MORNING TEA |
| 11.30 | Theme 2: Speech Technology with a Human Focus <i>(Chair: Chris Davis)</i> |
| 11.30-11.55 | 11.30-11.50 Speech recognition with limited bands: Implications for cochlear implants Christopher Groot |
| | 11.50-11.55 Questions and Discussion |
| 11.55-12.20 | 11.55-12.20 Applying auditory and neural models to hearing aids and ASR David Grayden |
| | 12.20-12.25 Questions and Discussion |
| 12.20-12.40 | Speech technology in the commercial world Brett Feldon |
| 12.40-1.40PM | LUNCH |
| 1.40-2.00 | Discussion: Mind the gap |
| 2.00-2.50PM | KEYNOTE PRESENTATION Anne Cutler Max Planck Institute for Psycholinguistics, Netherlands The impact of vocabulary structure on spoken-word recognition <i>Chair: Jeusun Kim</i> |
| 2.50-3.00 | Questions and Discussion |



**FRIDAY, DECEMBER 1
HUMAN AND MACHINE SPEECH WORKSHOP PROGRAM**

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|--------------|-----------|--|--------------------|
| 3.00 | | Theme 3: Talker Accent (<i>Chair: Tanja Schultz</i>) | |
| 3.00-3.25 | 3.00-3.20 | Listener discrimination of accent | Carol Pederson |
| | 3.20-3.25 | Questions and Discussion | |
| 3.25-3.50 | 3.25-3.45 | Evaluating the intelligibility of diverse accented speakers: practical methods & theoretical implications | Luke Harding |
| | 3.45-3.50 | Questions and Discussion | |
| 3.50-4.20 PM | | AFTERNOON TEA | |
| 4.20 | | Theme 4: Speech Registers and Timing and Music (<i>Chair: Chris Davis</i>) | |
| 4.20-4.45 | 4.20-4.40 | Attentional, affective, and linguistic speech components in infant-, pet-, foreigner-, and computer-directed speech | Denis Burnham |
| | 4.40-4.45 | Questions and Discussion | |
| 4.45-5.10 | 4.45-5.05 | Music, speech and a theory of mind: Investigations with a computational model of musical emotions | Steven Livingstone |
| | 5.05-5.10 | Questions and Discussion | |
| 5.10-5.30 | | Discussion: Where to go next? | |

