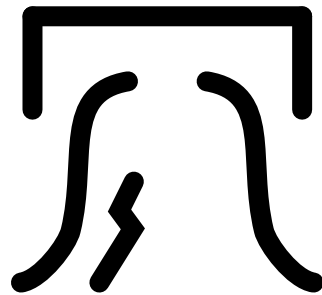


# CD-Rom Proceedings

October 3-6, 1996  
Wyndham Franklin Plaza Hotel  
Philadelphia, PA, USA

# ICSLP 96



University of Delaware  
Alfred I. duPont Institute

*Fourth International Conference on Spoken Language Processing*

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*ICSLP 96 gratefully acknowledges the assistance provided by Anna Phalngas in the creation of the conference web services.*

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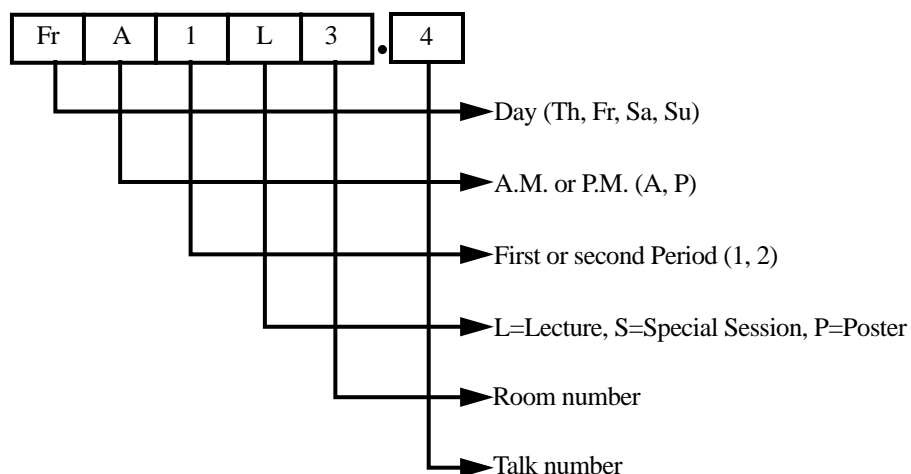
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# Technical Program

The technical program is organized into special sessions, lecture sessions, and poster sessions along with opening and closing plenary lectures. Each morning and afternoon will be divided into two periods, preceding and following a coffee break. Because of the plenary lectures, there will not be coffee breaks on the first morning and last afternoon of the conference.

## Session Identifiers

The session identifiers indicate the day, time, type of session, room, and paper number. For instance, the identifier FrA1L3.4 indicates the fourth talk in lecture room 3 during the first morning session on Friday. To further break down the session identifier:



## Daily Schedule

	Thursday, Oct. 3	Friday, Oct. 4	Saturday, Oct 5	Sunday, Oct. 6
AM1	9:00 - 10:15	9:00 - 10:30	9:00 - 10:30	9:00 - 10:30
break	-	10:30 - 11:00	10:30 - 11:00	10:30 - 11:00
AM2	10:30 - 12:30	11:00 - 12:30	11:00 - 12:30	11:00 - 12:30
lunch	12:30 - 14:00	12:30 - 14:00	12:30 - 14:00	12:30 - 14:00
PM1	14:00 - 15:30	14:00 - 15:30	14:00 - 15:30	14:00 - 15:30
break	15:30 - 16:00	15:30 - 16:00	15:30 - 16:00	-
PM2	16:00 - 17:30	16:00 - 17:30	16:00 - 17:30	15:45 - 17:00
Reception	18:30 - 21:30			
Banquet			19:00 -	
Exhibits	13:30 - 18:00	9:00 - 19:00	9:00 - 18:00	9:00 - 13:00

# ICSLP 96 Technical Program Schedule

		Lecture 1	Lecture 2	Lecture 3	Poster 1	Poster 2	Special Session 1	Special Session 2
<b>Thursday, October 3</b>								
ThA1LP Opening Ceremony and Plenary Lecture								
AM 1		ThA2L1 Large Vocabulary	ThA2L2 Multimodal ASR (Face and Lips)	ThA2L3 Perception of Words	ThA2P1 Phonetics, Transcription, and Analysis	ThA2P2 Spoken Language Processing for Special Populations	ThA2S1 Dialogue Special Session I	
AM 2		ThP1L1 Language Modeling I	ThP1L2 Feature Extraction for Speech Recognition I	ThP1L3 Speech Production - Measurement and Modeling	ThP1P1 Speech Coding / HMMs and NNs in ASR		ThP1S1 Dialogue Special Session II	ThP1S2 Neural Models of Speech Processing I
PM 1		ThP2L1 Language Modeling II	ThP2L2 Feature Extraction for Speech Recognition II	ThP2L3 Vowels	ThP2P1 NNs and Stochastic Modeling		ThP2S1 Dialogue Special Session III	ThP2S2 Neural Models of Speech Processing II
PM 2								
<b>Friday, October 4</b>								
AM 1		FrA1L1 Utterance Verification and Word Spotting	FrA1L2 Acquisition/Learning Training L2 Learners	FrA1L3 Focus, Stress and Accent	FrA1P1 Spoken Language Dialogue and Conversation	FrA1P2 Speech Disorders	FrA1S1 Vocal Tract Geometry I	
AM 2		FrA2L1 Prosody in ASR and Segmentation	FrA2L2 Acquisition and Learning by Machine	FrA2L3 Dialogue Systems	FrA2P1 Speech Enhancement and Robust Processing		FrA2S1 Vocal Tract Geometry II	
PM 1		FrP1L1 Speaker Adaptation and Normalization I	FrP1L2 Spoken Language and NLP I	FrP1L3 Spoken Discourse Analysis/Synthesis	FrP1P1 Acoustic Modeling I		FrP1S1 Physics and Simulation of the Vocal Tract I	
PM 2		FrP2L1 Speaker Adaptation and Normalization II	FrP2L2 Spoken Language and NLP II	FrP2L3 Duration and Rhythm	FrP2P1 Acoustic Analysis		FrP2S1 Physics and Simulation of the Vocal Tract II	
<b>Saturday, October 5</b>								
AM 1		SaA1L1 Speech Recognition Using HMMs and NNs	SaA1L2 Adverse Environments and Multiple Microphones	SaA1L3 Prosodic Synthesis in Dialogue	SaA1P1 Speech Synthesis	SaA1P2 Instructional Technology for Spoken Language	SaA1S1 Multimodal Spoken Language Processing I	
AM 2		SaA2L1 Prosody - Phonological/Phonetic Measures	SaA2L2 Phonetics and Perception	SaA2L3 Language Acquisition	SaA2P1 Production and Prosody Posters		SaA2S1 Multimodal Spoken Language Processing II	Posters for Emotion in Recognition and Synthesis viewable
PM 1		SaP1L1 User-Machine Interfaces	SaP1L2 TTS Systems and Rules	SaP1L3 Prosody and Labeling	SaP1P1 Speaker/Language Identification and Verification		SaP1S1 Large Vocabulary Speech Recognition: The Switchboard Domain	SaP1S2 Emotion in Recognition and Synthesis I
PM 2		SaP2L1 Stochastic Techniques in Robust Speech Recognition	SaP2L2 Prosodic Synthesis in Text to Speech	SaP2L3 Dialogue Events	SaP2P1 Databases and Tools		SaP2S1 Emotion in Recognition and Synthesis II	SaP2S2 Emotion in Recognition and Synthesis II
<b>Sunday, October 6</b>								
AM 1		SuA1L1 Robust Speech Processing	SuA1L2 Dialects and Speaking Styles	SuA1L3 Production and Perception of Prosody	SuA1P1 Topics in ASR and Search	SuA1P2 Multimodal Dialogue/HCI	SuA1S1 Multilingual Speech Processing I	
AM 2		SuA2L1 Acoustics in Synthesis	SuA2L2 Pitch and Rate	SuA2L3 Acoustic Modeling II	SuA2P1 General ASR Posters		SuA2S1 Multilingual Speech Processing II	
PM 1		SuP1L1 Data-based Synthesis	SuP1L2 Speaker Identification and Verification	SuP1L3 Acoustic Phonetics	SuP1P1 Perception of Vowels and Consonants			
PM 2								
SuP2LP Closing Ceremony and Plenary Lecture								