

适用语言学视角下的 Praat 语音学软件培训班 (1)

Training Course on Praat from the Applicable Linguistics Perspective

(Martin Centre for Applicable Linguistics/ 马丁适用语言学研究中心)

马丁适用语言学研究中心定于 2016 年 2 月 17 日至 21 日举办“适用语言学视角下的 Praat 语音学软件培训班”，主讲人为 Susanto Saman 博士/后，地点为杨咏曼楼 214 会议室。

Susanto Saman 博士简介、讲习班具体内容安排及参考书目见下。

此次讲习班免费面向教师、硕博士研究生及博士后人员开放，工作语言为英语，参加讲习班需自带电脑。建议参加者提前阅读参考书目中的 Halliday (1970) 及 Halliday & Greaves (2008) 两部专著。1 月 25 日之前报名的同学或老师，如果需要这两本书，须说明，马丁中心负责复印，按复印成本收费。

报名截止日期：2016 年 1 月 25 日。

联系人：王品 wangpin@sjtu.edu.cn 抄送 wzhenhua@sjtu.edu.cn

欢迎各位老师同学参加此次讲习班，让我们在农历新年伊始以饱满纯粹的学术精神与实践精神共同迎接新学期的到来！

上海交通大学外国语学院
马丁适用语言学研究中心
2016 年 1 月 12 日

Lecturer : Dr. Susanto Saman

Time : Feb. 17 - 21, 2016

Venue : Room#214, School of Foreign Languages

Dr. Susanto Saman

He is currently a Post-doc Fellow at Martin Center for Applicable Linguistics, School of Foreign Languages, Shanghai Jiao Tong University (SJTU). He is working in Forensic Linguistics under the supervision of Prof. Wang Zhenhua.

In Indonesia, he is the head of Center for Studies in Linguistics and also a lecturer at English Education Study Program in the Faculty of Teacher Training and Education, Bandar Lampung University. He got his doctoral degree in Linguistics and Phonetics from English and Foreign Languages University (EFLU), India. He ever joined Winter Institute at Macquarie University, Sydney and learned Linguistics from SFL eminent scholars such as Prof Matthiessen, Prof Greaves, Prof Bateman and Prof Teruya in the institute.

For the professional associations, he has joined Germanic Society for Forensic Linguists (GSFL) in Germany, Foundation of Endangered Languages (FEL) in UK, International Organization of Indonesian Scientist (I-4) in Germany, Consortium of Indonesian Society (KOMANDO) in Indonesia, and Society of Digital Information and Wireless Communications (SDIWC) in US.

His current research interest mainly covers forensic phonology from the perspective of Systemic Functional Linguistics. He is good at applying Praat, Elan and some other softwares to his forensic research.

More information about him can be found in his official website: www.susantosaman.cf

Schedule

DATE	TIME	TOPIC (ENGLISH)	TOPIC (CHINESE)	ESSENTIAL READINGS
Day 1: Feb 17	08:00-11:00	Introduction to Systemic Phonology and Phonetics: Intonation System (Tonality, Tonicity, and Tone) and its Metafunction; Phonological Rank Scale.	系统音系学和语音学介绍: 语调系统 (音调、调位强度和声调) 及其元功能、音系级阶	Halliday (1967) Halliday (1970) Halliday & Greaves (2008) Susanto (2014)
	13:30-15:30	Introduction to Praat and its Basic Features Assignment 1: Labelling Clauses (Interval Tier 1); English Meaning (Interval Tier 2); Observation on MOOD (Declarative, Interrogative, and Imperative) – Interval Tier 3	Praat 软件及基本特征介绍 任务 1: 标注 小句 (间断层 1)、英译 (间断层 2)、语气 (陈述、疑问和祈使) - (间断层 3)	Boersma & Weenink (2015) Halliday & Matthiessen (2014)
Day 2: Feb 18	08:00-11:00	Spectrogram (Wideband and Narrowband), Wave Form, Fundamental Frequency (F0), and Harmonics	语图 (宽带语图和窄带语图)、波形、基频 (F0) 和泛音	Halliday & Greaves (2008) Susanto (2014)
	13:30-15:30	Assignment 2: Labelling Words (Interval Tier 4), English Gloss (Interval Tier 5), Annotation on Lexical Tone – F0 contour (T1, T2, T3, & T4) – Point Tier 6	任务 2: 标注 词 (间断层 4)、英释 (间断层 5)、词汇声调 - F0 曲线 (T1, T2, T3, & T4) - 指示层 6	
Day 3: Feb 19	08:00-11:00	Phoneme, Syllable, Tonic Syllable (TS), and Tone Group (TG)	音素、音节、调位音节 (TS) 和声调群 (TG)	
	13:30-15:30	Assignment 3: Labelling Syllables and TS (Interval Tier 7) and TG (Interval Tier 8)	任务 3: 标注 音节和调位音节 (间断层 7)、声调群 (间断层 8)	
Day 4: Feb 20	08:00-11:00	Foot: Ictus (^Remiss); and Intonational Tone (IT)	音步: 强音 (^松弛性音节)、语调声调 (IT)	
	13:30-15:30	Assignment 4: Labelling Foot - (Point Time Tier 9) and IT (Interval Tier 10)	任务 4: 标注 音步 - (指示时间层 9)、语调声调 (间断层 10)	Halliday & Greaves (2008) Susanto (2014)
Day 5: Feb 21	08:00-11:00	Examination for Analysing Real Sound File: ✓ Clauses (Interval Tier 1) ✓ English Meaning (Interval Tier 2) ✓ MOOD (Interval Tier 3) ✓ Words (Interval Tier 4) ✓ English Gloss (Interval Tier 5) ✓ Lexical Tone (Point Tier 6) ✓ Syllables and TS (Interval Tier 7) ✓ TG (Interval Tier 8) ✓ Foot (Point Time Tier 9) ✓ IT (Interval Tier 10)	真实声音语料分析: ✓ 小句 (间断层 1) ✓ 英译 (间断层 2) ✓ 语气 (间断层 3) ✓ 词 (间断层 4) ✓ 英释 (间断层 5) ✓ 词汇声调 (指示层 6) ✓ 音节和调位音节 (间断层 7) ✓ 声调群 (间断层 8) ✓ 音步 (指示时间层 9) 语调声调 (间断层 10)	Webster, J. J. (Ed.) (2005a) Webster, J. J. (Ed.) (2005b)
	13:30-15:30	Discussion on Potential SFL Research Projects by Using Praat: Courtroom - Classroom – Domestic - Broadcast Discourses, Police-Suspect Interrogation, Lawyer-Client Consultancy, Doctor-Patient Interaction, Teacher-Student Supervision, Typological Phonology, Clinical Linguistics, Biolinguistics, Socio-Phonetics, TTS/STT Technology, Forensic Phonetics (e.g. Forensic Speaker Profiling for Chinese Native Speakers, Forensic Speaker Identification, Forensic Speaker Verification, Voice Print, etc.)	运用 Praat 可进行的 SFL 研究讨论: 法庭-教室-家庭-广播话语、警察讯问、律师-委托人咨询、医患交流、师生互动、类型音系学、病理语言学、生物语言学、社会语言学、TTS (Text to Speech) /STT (Speech to Text) 技术、司法语音学 (如对汉语母语者的司法语音剖析、司法语音识别、司法语音核实和声纹识别等)	Halliday & Webster (Eds.) (2009) Coulthard & Johnson (Eds.) (2010) Di Sciullo & Boeckx (Eds.) (2011) Matthiessen, C.M.I.M. (2009) Nolan, F. (1983) Olsson, J. (2004) Wang, Z. H. (2014)

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