



双语认知与发展系列讲座之三



Towards a Taxonomy of Working Memory in First and Second Language

主讲人：**温植胜 副教授**（澳门理工学院）

时 间：2020年12月18日（周五）
18:30 -20:00

地 点：腾讯会议ID **840 207 176**



内容简介

In this presentation I aim to provide an operational taxonomy of the cognitive construct of working memory deemed to underpin key domains of native and second language acquisition and development. As such, it first synthesizes current working memory models which culminate in a unified understanding of the construct as a multi-componential, complex, adaptive and dynamic cognitive resource system underpinning language design and evolution, first and second language acquisition and processing as well as long-term development. More specifically, it argues that phonological working memory (PWM) is conceived as a ‘language learning device’ in sustaining and consolidating such phonological sequences as the lexical items, formulaic chunks, and morpho-syntactic structures and constructions. Furthermore, it demonstrates how the fine-grained executive functions of working memory (EWM) are impacting and modulating selective aspects of second language comprehension and production processes as well as L2 sub-skills performance and long-term development. In line with this taxonomic model of working memory, I tease out the theoretical and methodological ramifications with a view to illuminating key issues in theory integration, research practice, assessment procedures, classroom instruction, enhancement training programs and remedial intervention solutions.



通讯地址：广州市白云区白云大道北2号 广东外语外贸大学
外国语言学及应用语言学研究论坛（邮编：510420）

联系电话：020-36207201；020-36207202

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主讲人简介

WEN Zhisheng (Edward) obtained his Ph.D. in applied linguistics from the Chinese University of Hong Kong (Supervisor: Prof. Peter Skehan) and is currently an Associate Professor in the School of Languages and Translation at Macao Polytechnic Institute in MACAU SAR, China. Dr. Wen has over 20 years of teaching and research experience at key universities across Guangdong-Hong Kong-Macau Greater Bay Area. His research interests lie in second language acquisition, task-based language teaching and learning, psycholinguistics and cognitive science, with a particular focus on the roles of working memory and language aptitude in SLA. Dr. Wen has published extensively in these areas in top academic journals and edited volumes. His recent monographs and edited volumes include Working memory in second language acquisition and processing (Multilingual Matters, 2015/2019), Working memory and second language learning (Multilingual Matters, 2016), Language aptitude (Routledge, 2019), and Researching L2 task performance and pedagogy (John Benjamins, 2019). Forthcoming titles include “Cognitive individual differences in second language acquisition” (Mouton de Gruyter, 2021) and “Cambridge handbook of working memory and language” (Cambridge University Press, 2021).

外国语言学及应用语言学研究论坛
桂诗春语言高等研究院
双语认知与发展实验室
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通讯地址：广州市白云区白云大道北2号 广东外语外贸大学
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