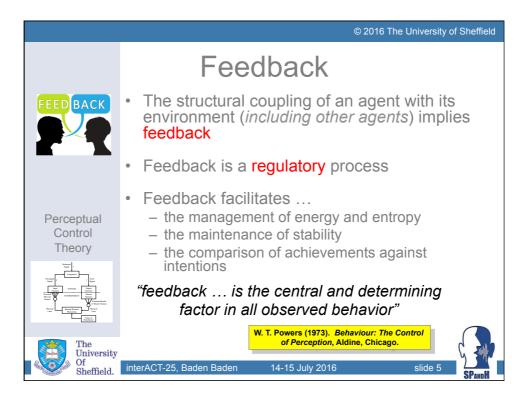
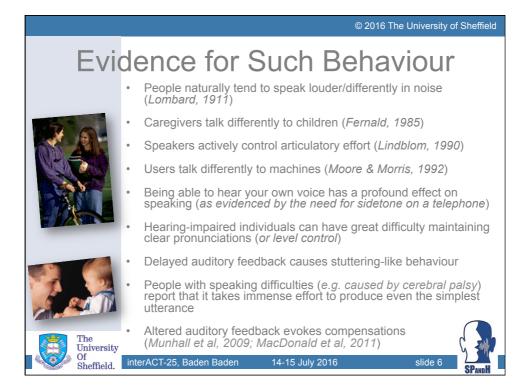
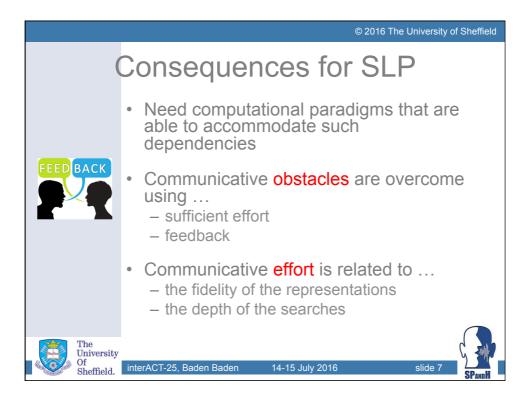


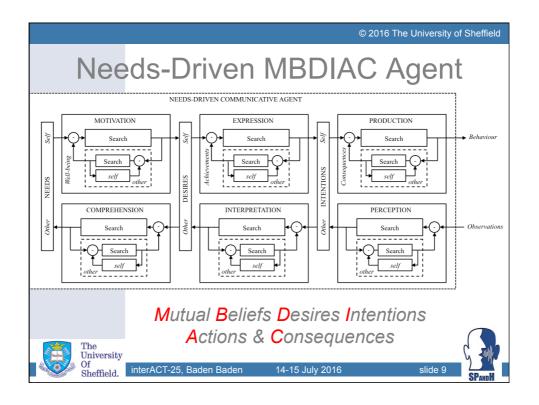
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Communicating Intentions							
	Signalling involves physical/mental effort						
"I do not know"	<ul> <li>Large effort creates clear signals but uses more energy (and vice versa)</li> </ul>						
" I do not know" "I don't know"	• The 'target' is a perception <i>not</i> a signal						
"I dunno" "dunno"	<ul> <li>So optimisation is over competing perceptions <u>not</u> competing signals</li> </ul>						
	<ul> <li>The intention is sufficient contrast at the pragmatic level (<i>leading to suitable</i></li> </ul>						
Hawkins, S. (2003). Roles and representations of systematic fine phonetic detail in speech understanding. <i>Journal of Phonetics</i> , 31, 373-405.	compensations at the semantic, syntactic, lexical, phonemic, phonetic and acoustic levels)						
	The obstacles are         – alternative interpretations ( <i>internal</i> )         – competing signals ( <i>external</i> )						
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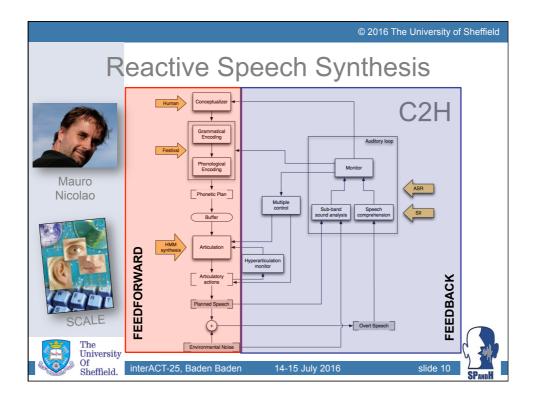


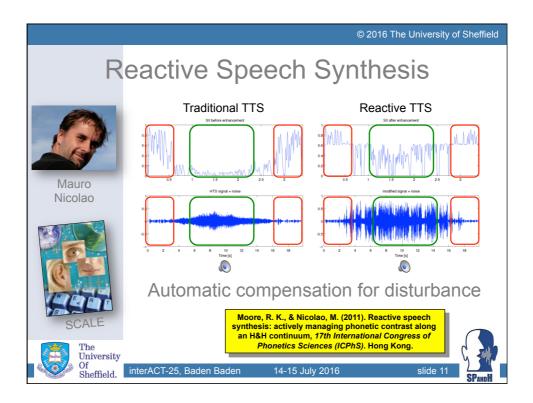


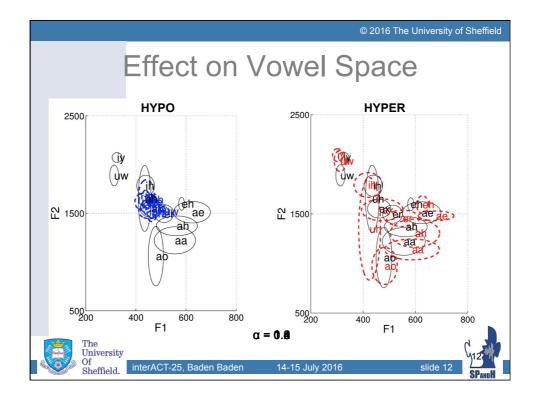


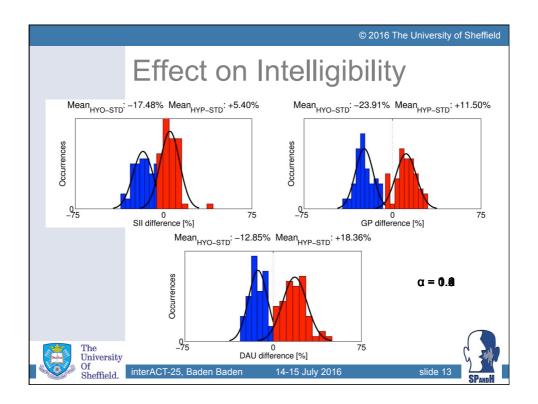
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PreSenCE Predictive Sensorimotor Control and Emulation
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Of Sheffield. interACT-25, Baden Baden 14-15 July 2016 slide 8     SPand











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Reactive Speech Synthesis								
	Type of noise Speech Shaped Noise (SNR = 1 dB) Competing Talker (SNR = -7 dB)		НҮРО	NORM	HYPER			
			•		•			
			•		•			
	Cle	ean	0	$\bigcirc$	0			
	The University	"The box was thrown beside the parked truck"						
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