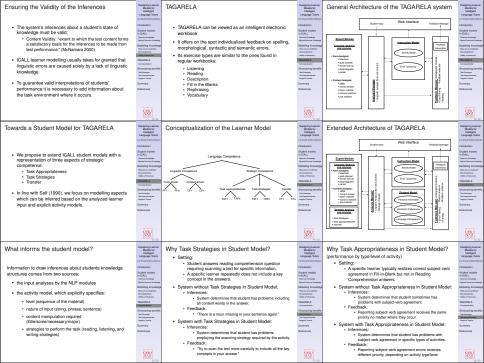
Designing Learner Models for Indicate Str. Indicate Indicate Str. Indicate Indic	Intelligent Tutoring Systems • An intelligent Tutoring System (ITS) is a computer program that intelligently interacts with the learner. • Since Harriey and Sileeman (1973) an ITS is recognized as consisting of al least three components: • the expert model • the expection model • the subdort model	Designing Learner Models for Irrefalgued Turning Patron Language Tutors Language Tutors Language Tutors Language Tutors Language Tutors Language La	The Roles of Student Models Vantahen (1988) presents four uses for student models: Advancement Offering advice Adapting explanations Protein generation In ICALL, Student Models have primarily focused on the acquisition of grammatical structures. ICALL systems keep track of the students' production in terms of the grammatical accuracy of their performance.	Designing Learner Intelligent Language Tators Language Language Modelling Monaviete Modelling Monaviete Modelling Monaviete Modelling Monaviete Tators Tat
OHK SAP		QHQ 2/20		SHE 3/20
Designing Lawren Language Tator Language Tat	Coal: capture the status of the grammatical structures of English as acquired, being acquired, and unacquired. The knowledge units (RU) of SLALOM are grammatical concepts based on English these and main-fuel*. KUs are grouped and hierarchically classified following stereotypical sequences of the acquisition of grammar concepts (cases 1979; Schwart and Sprouse 1996). Used to predict a student's current state of knowledge and the next grammatical structures to be acquired.	Designing Learner Models for Manager Models for Language Teleon Language Langu	Beyond Grammar Knowledge - Bull et al. (1995) argue for extending the scope of student models to incorporate aspects outside the boundary of the linguistic domain knowledge. - They propose to add models of learning strategies - analogy - Their focus is on a general model of learning processes for different domains, not on the nature of language acquisition or linguistic modelling.	Designing Learner Models for the Models for the Language Telefon Language Languag
Designing Learner Leading and Learner Lear	What are we modelling? 1. What kind of student knowledge are we trying to model? • What is being acquired by the student? • What can we observe through analysis of the input? 1. How do we obtain information about the student knowledge? • How can we inter knowledge structures? • How do we guarantee the validity of the inferences?	Designing Literator Trieslighted Language Modelling Fromisting Modelling Fromisting Language	Some SLA perspectives - Ellis (2003): "the general goal of language learning is the fluent, accurate, and pragmatically effective use of the target language." - Canalle and Swain (1980): the four major types of knowledge a learner needs to acquire are - grammatical competence - sociolinguistic competence - discusse competence - distinging competence - Bachman (1990): strategic competence is the set of non-linguistic properties to be acquired by the learner that play a role in language use.	Designing Learner Intelligence Language
	Table of the control	- An Intelligent Tutoring System (ITS) is a computer program that intelligently interacts with the learner. - Since Harriey and Silveman (1973) an ITS is recognized as consisting of a least three components: - the speciment of the status of the grammatical structures of English as acquired, being acquired, and unacquired of English as acquired, being acquired, and unacquired of English as acquired beared on English nates and herarchically classified following stereotypical sequences of the acquisition of grammatic concepts based on English nates and herarchically classified following stereotypical sequences of the acquisition of grammatic concepts (Stat 1975; Schwartz and Sprouse 1996). - Used to predict a student's current state of knowledge and the rend grammatical structures to be acquired. - What are ewe modelling? - What is being acquired by the student? - What can we obtain information about the student incovering? - How do we quarantee the validity of the interences?	Page 1	An Intelligent Tutoring System (TS) is a computer program that intelligently interacts with the learner. Since Hartley and Sleeman (1973) an TS is recognized as consisting of a least these components:



Why Negative Transfer in Student Model? • Setting: • A specific learner repeatedly makes lexical transfer errors (talse cognate). • E. p. Kontaguese learners of English use "assume". • E. p. Kontaguese learners of English use "assume" in the second of the second o	Designing Leitzer Designing Leitzer L	Summary - We argued for extending ICALL student models to include aspects of the strategic competence of a student, representing factors consider of the inguistic competence of a student, representing factors consider of the inguistic committees of the state of th	Chesgonical Asianter Service S	References Reference, Up F (1998). Fundamental Consolvations in Language Teating, Octos, U. Co-Ontrol University Press. But, Staun. Freal firms and resear Peri (1998). Estending the Stopic of the Student But, Staun. Freal firms and resear Peri (1998). The control and the Student Consolvation of the Student Student Student Student Students In 1-47. Control Market Students (1997). Expressed the Students In 1-47. Codes Students (1997). Language Teating and Proteining Colorat, USC. Class Students (1997). Language Teating and Proteining Colorat (USC. Class Students (1997). Language Teating Coloration of Regular Students Residents American Students American Students In 1-50. Class Students (1997). Language Teating Coloration Students in Students Students Students (1997). Language Teating Coloration Students Students Students (1997). A Coloration Students (1997). A C	Consignation and Models to the
Schwart, Stevie and Res Spoisso (1996); Li Cognitive States and the Full Tetracherin's Conservation Security (1996); Li Cognitive States and the Full Schwart (1997); Li Cognitive States (1997); Li	Designing Learner Models (b) Tradicipated Technological Technological Learner Models (b) Tradicipated Technological Learner Models (b) Tradicipated Technological Learner Models (b) Lea				