Psycholinguistics Sabine Stoll

Department of Comparative Language Science Center for the Interdisciplinary Study of Language Evolution



Communication systems





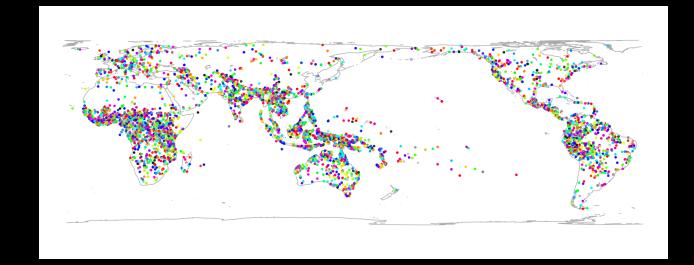
communication system

communication system

communication system







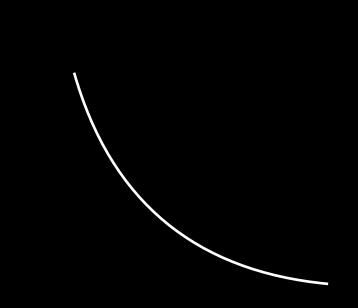


Balthasar Bickel



Martin Meyer

Neurobiology of language





Alexis Hervais-Adelman



Sebastian Sauppe



Sabine Stoll



Jekaterina Mazara

Language acquisition

Mechanisms in comprehension and production

Language processing

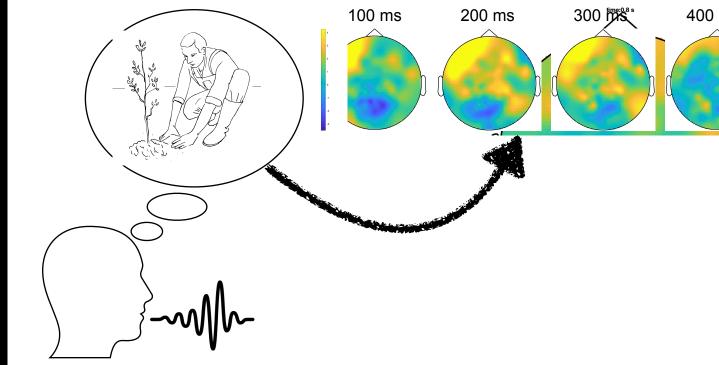
Language production:

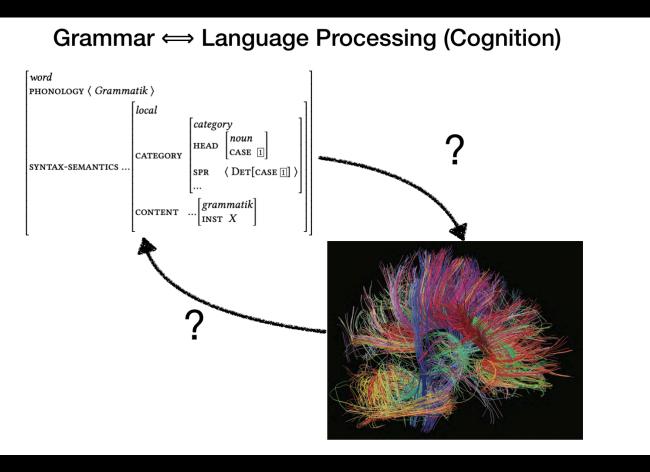
How do we get from ideas to sentences and words?

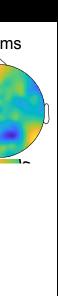
Language comprehension:

How do we get from sounds to meanings?

How is this different between languages?





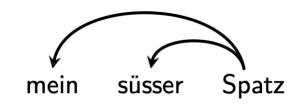


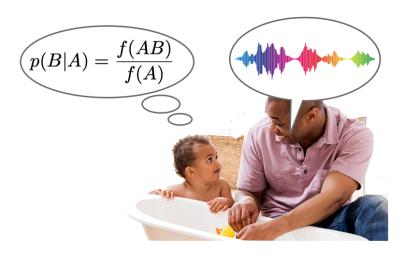
Language acquisition

What is the structure of the input to children?

• How do children extract information from the input?

 Universal mechanisms of language acquisition?





Learning

| | id | language | speaker_label | utterance | translation | morpheme | start | ene |
|------|------|----------|---------------|-----------------------------|----------------------------------|--------------------------------------|---------|---------|
| 3971 | 3971 | Chintang | MR | ma?mi yaŋ adha le?le tha?no | Only half a person is visible. | ma?mi yaŋ adha le?le that -no raicha | 641.450 | 644.07 |
| 3972 | 3972 | Chintang | LDCh4 | ei | Oh! | hei | 641.653 | 642.09 |
| 3973 | 3973 | Chintang | LDCh4 | kuŋse gonei | He came! | kuŋs -e gonei | 642.901 | 644.05 |
| 3974 | 3974 | Chintang | LDCh4 | ek china | One moment. | ek chin -a | 644.059 | 644.48 |
| 3975 | 3975 | Chintang | Susma | oi | Oh! | oi | 644.481 | 645.25 |
| 3976 | 3976 | Chintang | Juna | phekno? ni huĩ phekno | He sweeps it, he sweeps. | phek -no ni hun phek -no | 644.737 | 646.112 |
| 3977 | 3977 | Chintang | Sapana | huĩ | That one. | hun | 646.112 | 647.29 |
| 3978 | 3978 | Chintang | Sapana | aho kalo lisase? hou | Oh! It became black. | aho kalo lis -a -ŋs -e -? hou | 647.296 | 649.09 |
| 3979 | 3979 | Chintang | Santa | utha na | Get up. | u- tha na | 649.093 | 649.76 |
| 3980 | 3980 | Chintang | Juna | akka | l. | akka | 649.765 | 650.149 |
| 3981 | 3981 | Chintang | Juna | akka | l. | akka | 650.149 | 650.73 |
| 3982 | 3982 | Chintang | Juna | abo thitta | Now, one. | abo thitta | 650.731 | 651.179 |
| 3983 | 3983 | Chintang | Bishna | moba aphe kancha | Down there, the brother, Kancha. | mo -be? a- phuwa kancho | 651.179 | 652.28 |
| 3984 | 3984 | Chintang | Juna | aha akhattoko | Oh no, you take it away! | aho a- khatt -u -kV | 651.569 | 652.32 |
| 3985 | 3985 | Chintang | Susma | akka bago | I do this one. | akka ba -go | 652.113 | 653.010 |
| 3986 | 3986 | Chintang | Juna | huĩ themkha | What is that? | hun them -kha | 654.550 | 655.158 |
| 3987 | 3987 | Chintang | Susma | hanako na ba com | It is of your kind. | hana -ko na ba com | 655.158 | 656.59 |
| 3988 | 3988 | Chintang | Bipana | akko bhayu them bhayu | Mine is here, what is here? | akka -ko ba -bayu them ba -bayu | 655.516 | 657.05 |
| 3989 | 3989 | Chintang | Sapana | lak luno? ni | He dances. | lak lus -no ni | 657.051 | 658.00 |
| 3990 | 3990 | Chintang | Susma | oi | Oh! | oi | 657.435 | 658.07 |
| 3991 | 3991 | Chintang | Susma | akka aseĩ | l (danced) some days ago. | akka aseĩ | 658.075 | 659.10 |
| 3992 | 3992 | Chintang | Susma | huĩ yaŋ | That one too. | hun yaŋ | 659.105 | 660.16 |

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Contributions of language acquisition and processing research

- Key to understand learnability of language
- Key to understand vertical transmission
- Key to understand how language really works



https://www.evolvinglanguage.ch





News • Events • Meetings • People

Crosslinguistic Perspectives on Processing and Learning (X-PPL)

ISLE

disciplines is the key to solving this puzzle

Center for the Interdisciplinary Study of Language Evolution

success. Its evolutionary origins, however, have stubbornly resisted explanation despite long-term efforts in animal communication and human language However, most of this work was undertaken in isolation in the specific fields, and a diverse group of scientists in Zurich is convinced that close collaboration across

Language is what sets humans apart from all other species, and is the secret of our

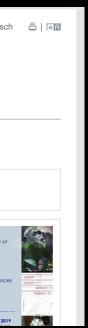
Past Events

Inaugural Workshop



Upcoming Events

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What we offer: Courses

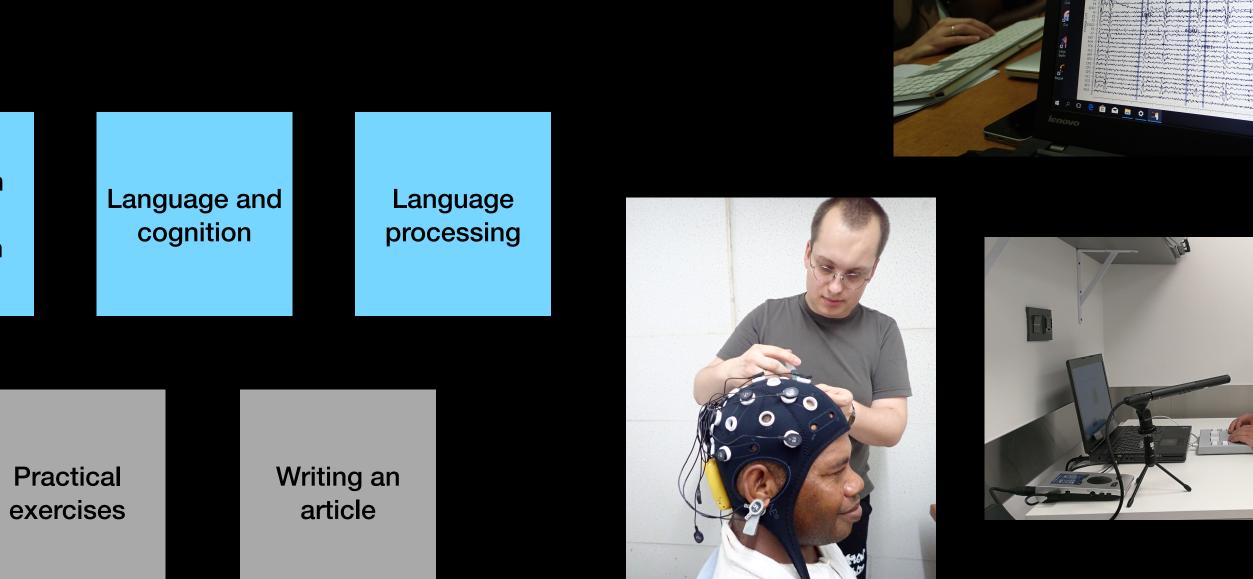




Mechanisms of language acquisition

Variation in language acquisition

Project work







Master thesis

Possibly with fieldwork in Peru, Vietnam or India

Topics on neurolinguistic or language acquisition









