Research Unit/Forschergruppe
Copying, Sharing, Splitting:
The Grammar of Replicative Processes

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Replication Workshop – October 1, 2015
Overview

1. What is a Research Unit?

2. What is Replication?

3. What are our Plans?

4. What do we hope to get from you?
What is a Research Unit?
Public Research Funding – the German (DFG) Way:

- Funding a minimal project ≈ Funding a PhD-student

- Funding big projects ≈ Funding clusters of minimal projects

- \{ Graduiertenkolleg, Forschergruppe \} < Sonderforschungsbereich
Why we think this is a good thing

- this allows you to integrate specific topics with bigger scientific research questions

- it makes departments and faculties grow together
Forschergruppen/Research Units

- 5-9 single projects ≈ 5-18 half/full-time research positions
- Funding for 6 (maximally 8) years in two 3-year phases
- Tight thematic coherence among single projects
The Obvious Way:
Exploring Interfaces between modules and extragrammatical space

The Leipzig Way:
Exploring common abstract principles in different modules/domains
What is Replication?

Inspirations and Questions
What is Replication?

Inspiration (I)

(Frampton 2010)
Replication in Morphology: Reduplication

kuda  ‘horse’  kuda-kuda  ‘horses’  
rumah  ‘house’  rumah-rumah  ‘houses’  
singkatan  ‘abbreviation’  singkatan-singkatan  ‘abbreviations’

(Indonesian Sneddon 1996:16)
Inspiration (II)

Input: $/A{f}_{RED} + \text{Stem/}$

Output: $R \Leftrightarrow B$

$B-R \text{Identity}$

(McCarthy and Prince 1994, 1995)
Question (I)

- What is the formal nature of replication?
What is Replication?

Inspiration (III)
Replication in Phonology: Copy Vowels

pelekania (< English ‘Brittannia’)

palani (< English ‘Brandy’)

(Hawaiian, Kitto and de Lacy 1999)
Replication in Syntax: Agreement/Concord

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<th>teur</th>
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Question (II)

- Is replication the same across grammatical modules?
Property Replication in Phonology: Vowel Harmony

**ATR-Harmony in Turkana** (Dimmendaal 1983)

/ε+loσ+ι/ → [elosi] ‘(s)he will go’
3+go+ASP

/ε+kωkω+υn+ι+o/ → [ekokounio] ‘they are being stolen’
3+steal+VEN+IMP+PL.PASS

[+ATR] (= ‘Advanced Tongue Root’)

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i u e o Λ
What is Replication?

Question (III)

- What are different types of replication in the same module?
**What is Replication?**

**Dimensions of Replication**

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<tr>
<th>Replication of grammatical . . .</th>
<th>. . . Objects</th>
<th>. . . Properties</th>
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<tr>
<td>Phonology</td>
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<td>Coalescence</td>
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<td>Multiple Exponence</td>
<td>Haplology</td>
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<td>Syntax</td>
<td>Verb Doubling</td>
<td>Agreement/Concord</td>
<td>Sharing Constructions</td>
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More Questions

- What is the internal structure of replication?
- What are the locality domains of replication?
- How does replication interact with 
  \{ hierarchical structure, identity avoidance, \ldots \}?
What are our Plans?
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- Research unit application including 9 projects in phonology, morphology, syntax

- Preproposal: fall of 2015, main proposal: spring 2016
  Start: Beginning of 2017

- Tight integration with Leipzig graduate school on grammatical building blocks (IGRA)
Single Projects (Morphology)

- Barbara Stiebels: Multiple Exponence: Typology, Triggers, Theory
- Isabelle Buchstaller: Optionality of inflectional marking under doubling in varieties of English
- Martin Salzmann: Case Sharing in Morphology and Syntax
What are our Plans?

Single Projects (Phonology and Digital Communication)

- Petr Staroverov: The psychological reality of non-copying consonant insertion
- Jochen Trommer: Morphosyntactic Domains of Harmony
- Beat Siebenhaar: Replication in Digital Corpora
What are our Plans?

Single Projects (Syntax)

- Gereon Müller: Unifying Syntactic Copying
- Sandhya Sundaresan: Replicative and anti-replicative processes in the (morpho-)syntax
- Fabian Heck: Parallelisms in Syntax
What do we hope to get from you?
What do we hope to get from you?

- more inspiration, questions, feedback...


