

## **Remarks on bridge laws**

**Winfried Lechner**

National and Kapodistrian University of Athens

The pairwise relations between the grammar, parsing, psycholinguistic models, and the neurobiological implementation of these cognitive mechanisms is defined by *bridge laws*. The talk addresses complications that arise when these laws are removed from the transduction linking the grammar formalism and the parser. Specifically, it will be argued that interpretive phenomena such as variable binding and non-monotonic structure building (Late Merge) are incompatible with incremental interpretation, suggesting that the grammar and language processing constitute two distinct cognitive systems after all (contra Phillips and Lewis 2013, Lewis and Phillips 2015, i.a.).