



# Human Computer Interaction

## Chapter 5: Models for HCI

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- 02 Predictive Models for Interaction:  
Fitts'/Steering/Hick's Law
- 03 Descriptive Models for Interaction:  
GOMS/ KLM
- 04 Background: The Psychology  
of Everyday Action
- 05 References



Machine Learning and Data Analytics Lab (MaD) in Erlangen



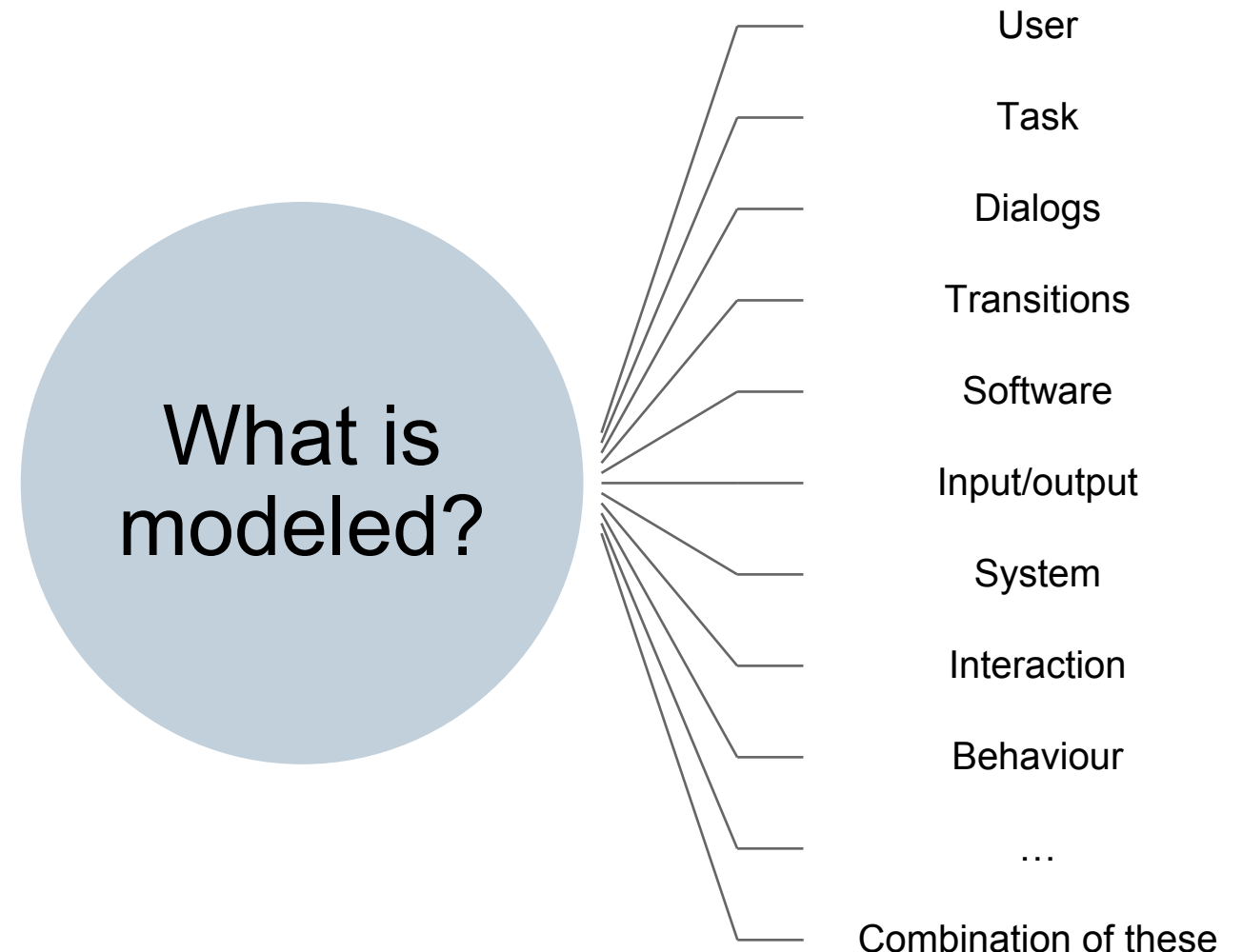
# Motivation

## What are models and theories used for?

- Explanatory
- Predictive
- Descriptive/taxonomy

## Models on different levels

- Concept
- Human action
- ...
- Dialog
- Keystroke





Task: Convert 712 GBP into EUR

The hand is on the mouse to start with

How long will it take?

**amount**

enter any amount

**of this type of currency**

Euro – EUR  
United States Dollars – USD  
United Kingdom Pounds – GBP  
Canada Dollars – CAD

scroll for more currencies

**into this type of currency**

Euro – EUR  
United States Dollars – USD  
United Kingdom Pounds – GBP  
Canada Dollars – CAD

scroll for more currencies

Perform Currency Conversion





New system!!!  
Please be patient!





**Thank you  
for your attention**