

# **Inferences in Artificial Intelligence and Computational Linguistics**

**(<https://www.dfki.de/~horacek/infer-AI-CL.html>)**

**Kinds of inferences, their properties, application, and effective coordination, e.g.:**

- **Non-monotonic reasoning, such as in models of argumentation**
- **Abductive reasoning (model-based diagnosis, NL interpretation)**
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# **Organization (1) - Need More Frequent Meetings**

**6 weeks until 23. June**

**I will organize a video conference 24.-26. June**

**Probably be out of town from beginning of July**

**Second regular weekly meeting would be great**

**Easier when there is no conflict with the faculty's license**

**Other options:**

- extending the Wednesday meetings**
- recorded lectures/slide only lectures**

## **Organization (2) - Slides and Exams**

**Slides per section will be made available on the website**

**roughly in accordance with the video lectures**

**in part big sets of slides, small updates extra**

**Exam structure**

**Oral, personal meeting, individual arrangement**

**Main bottleneck at present - home office mode of DFKI**

# General issues about the content

## *Structural issues*

**basic start, no requirements**

**no involved formalisms or procedures**

**(such as constraint propagation, building theorem provers)**

**intuitive understanding >> handling formalisms**

## *Topic issues*

**Non-standard topics, conceptually interesting**

**(e.g., models of argumentation, also some surprises)**

**Impact persisting in time in many cases**