

Christoph Benzmüller, Articulate Software (currently funded by DFG grant BE 2501/6-1)

### Thanks to:

➤ 'E'-inside (Stephan Schulz)



#### Thanks to:

- 'E'-inside (Stephan Schulz)
- 'THF0'-outside (Geoff Sutcliffe)



### Thanks to:

- 'E'-inside (Stephan Schulz)
- 'THF0'-outside (Geoff Sutcliffe)
- Frank Theiss
   parser, shared term
   datastructure, indexing



#### Thanks to:

- 'E'-inside (Stephan Schulz)
- 'THF0'-outside (Geoff Sutcliffe)
- ► Frank Theiss

#### Further thanks to:

- Larry Paulson
- Arnaud Fietzke
- Chad Brown
- ► Jasmin Blanchette
- **>**

#### Thanks to:

- 'E'-inside (Stephan Schulz)
- 'THF0'-outside (Geoff Sutcliffe)
- ► Frank Theiss

#### Further thanks to:

- ► Larry Paulson
- Arnaud Fietzke
- Chad Brown
- ► Jasmin Blanchette

Key aspects of LEO-II: extensional HO-RUE-Resolution extensional HO-pre-unification (depth-bounded)

OTTER like loop cooperation with FO-ATP (E)

written in OCAMI

### Thanks to:

- 'E'-inside (Stephan Schulz)
- 'THF0'-outside (Geoff Sutcliffe)
- ► Frank Theiss

### Further thanks to:

- ► Larry Paulson
- ► Arnaud Fietzke
- ► Chad Brown
- Jasmin Blanchette

### Key aspects of LEO-II:

extensional HO-RUE-Resolution
extensional HO-pre-unification (depth-bounded)
OTTER like loop
cooperation with FO-ATP (E)
written in OCAMI

Why did I win?

very simple relevance filtering + parameter scheduling