



Axiomatic Thinking

Axiome des logischen Schließens.

One hundred years since Hilbert's address in Zurich

- 10. $A \rightarrow (B \rightarrow A)$,
- 11. $\{A \rightarrow (A \rightarrow B)\} \rightarrow (A \rightarrow B)$,
- 12. $\{A \rightarrow (B \rightarrow C)\} \rightarrow \{B \rightarrow (A \rightarrow C)\}$,
- 13. $(B \rightarrow (A \rightarrow C)) \rightarrow (A \rightarrow (B \rightarrow C))$.

14-15.09.2017

Axiome der mathematischen Ungleichheit.

14. $a \neq a$ - **Invited Speakers**

- 15. $(a = b \rightarrow A) \rightarrow \{(a \neq b \rightarrow A) \rightarrow A\}$.
- Steve Awodey, Carnegie Mellon**
- Nachum Dershowitz, Tel Aviv**
- Ulrich Felgner, Tübingen**
- Fernando Ferreira, Lisbon**

8. $a = b \rightarrow (A(a) \rightarrow A(b))$

- Domenico Giulini, Hannover**
- Lorenz Halbeisen, Zurich**
- Gerhard Jäger, Berne**

9. $(a) \{A(a) \rightarrow (Z(b) \rightarrow A(b))\}$

- Laurent Lafforgue, IHES**
- Angus Macintyre, London**
- Peter Schroeder-Heister, Tübingen**
- Wilfried Sieg, Carnegie Mellon**

Axiomen

- 1. $a = a$,
- 2. $1 + (a + 1) = (1 + a) + 1$,

Organisers: Reinhard Kahle, Thomas Kappeler, Viktor Schroeder, Giovanni Sommaruga

4. $a + 1 = b + 1 \rightarrow a = b$,

5. $a = c \rightarrow (b = c \rightarrow a = b)$.

For more information please see: www.math.uzh.ch/AT2017

6. $a + 1 \neq 1$

