

# **Logic, Probability and its Applications: A Workshop on the Occasion of World Logic Day**

**Tuesday, January 14, 2025 - Tuesday, January 14, 2025**

**Rosensäle Jena**

## **Program**

### **Program Schedule**

□ **2:00 PM - 2:05 PM**

### **Welcome**

#### **Speakers:**

Tabea Rohr (Faculty of Philosophy, Friedrich Schiller University Jena)

Joachim Giesen (Faculty of Mathematics and Computer Science, Friedrich Schiller University Jena)

□ **2:05 PM - 2:15 PM**

### **Remembering Martin Mundhenk – A Dedication to Logic**

**Speaker:** Olaf Beyersdorff (Faculty of Mathematics and Computer Science, Friedrich Schiller University Jena)

□ **2:15 PM - 2:30 PM**

### **Presentation of the Interactive Inference Project**

**Speaker:** Joachim Giesen (Faculty of Mathematics and Computer Science, Friedrich Schiller University Jena)

□ **2:30 PM - 3:05 PM**

### **Probability Theory as Extended Logic**

**Speaker:** Michael Habeck (AG Microscopic Image Analysis, University Hospital - UKJ)

□ **3:05 PM - 3:35 PM**

### **Coffee Break**

□ **3:35 PM - 4:35 PM**

### **Probabilities in Philosophy**

**Speaker:** Stephan Hartmann (Munich Center for Mathematical Philosophy, LMU Munich)

**Abstract:** Probability theory is not only indispensable in the various sciences. It also plays an increasingly important role in almost all areas of systematic philosophy, such as epistemology, philosophy of science, metaphysics, ethics, political philosophy, social philosophy and philosophy of religion. In this lecture, some selected applications of probability theory from these areas will be discussed. In addition, the question of what is actually meant by probabilities will be addressed.

□ **4:35 PM Onward**

### **Conclusion with Snacks**