**Applied**

**Category**

**Theory**

**Research**

**School**

An online reading seminar + intensive 4-day research week for graduate students and postdocs interested in applied category theory.

Work and publish with faculty mentors on cutting-edge research projects:

* **John Baez**: Semantics for open Petri nets and reaction networks
* **Aleks Kissinger**: Unification of the logic of causality
* **Martha Lewis**: Compositional approaches to linguistics and cognition
* **Pawel Sobocinski**: Modelling of open and interconnected systems

Online from **Jan. 8**, then @Lorentz Center in Leiden, Neth., from **Apr. 23-27**.

**www.appliedcategorytheory.org/school**

**Application Deadline: Nov. 1, 2017**

What is applied category theory? *Category theory* is a branch of mathematics originally developed to transport ideas from one branch of mathematics to another, e.g. from topology to algebra. *Applied category theory* refers to efforts to transport the ideas of category theory from mathematics to other disciplines in science, engineering, and industry.