

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.