

## Categories and Logic

Vichy, Unilog 2018

Organization: Peter Arndt

FIRST DAY: June 21st – mixed topics around categories and logic

TIME	NAME	TITLE OF THE TALK
14h15-14h40	<b>Presentation of the workshop</b>	
14h40-15h25	Pierre Cartier	A categorical presentation of probabilistic logic
15h30-16h00	Rafael Diaz	Boole-Weyl Algebras in a Categorical Context
<b>16h00-16h30</b>	<b>COFFEE BREAK</b>	
16h30-17h00	Francisco Vibrentis	Interchangeable formulas and categories of logics
17h05-17h35	Dominique Duval	Logical rules are fractions
17h40-18h10	Matteo Acclavio	Proof diagrams as concurrent syntax for Sequent Calculi
<b>18h15-18h45</b>	<b>General Discussion</b>	

SECOND DAY: June 22nd – Topos theory

TIME	NAME	TITLE OF THE TALK
9h10-9h55	Ingo Blechschmidt	Exploring the internal language of toposes
10h00-10h30	William Zuluaga	A Pierce representation theorem for varieties with BFC
<b>10h30-11h00</b>	<b>COFFEE BREAK</b>	
11h00-11h30	Eduardo Ochs	Visualizing Geometric Morphisms
11h35-12h05	Sina Hazratpour	Fibrations of contexts beget fibrations of toposes
<b>12h10-12h30</b>	<b>General Discussion</b>	
<b>12h30-14h15</b>	<b>LUNCH</b>	