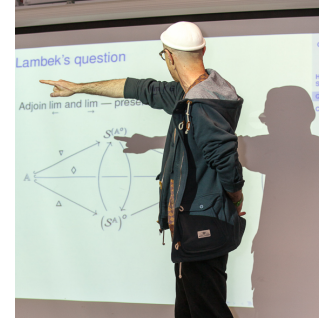




# DUSKO @ 60

A Conference in Honour of the 60th Birthday of Dusko Pavlovic

9–13 October 2017, University of Oxford



*The program below is very non-binding and may change during the week. The talks should be aimed at discussion and interaction, not a bunch of slides squeezed within an available time-slot. For a talk think no more than 45 min ranting if there is a 1 hour slot, and something similar for shorter slots. The ultimate goal of all of this is the future, not the present, and certainly not the past..., and fun!*

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## Monday @ Jam Factory, main pub, pre-workshop

09.30 Meet-up at Jam factory possibly for breakfast (or come earlier, they open at 07.00).

<http://www.thejamfactoryoxford.com/restaurant/food/brunch/>

10.00 Dusko's arrival there, not yet supposed to be knowing what's going on and why the hell he had to fly over all the way from Hawaii for what he thinks is a B'Day BBQ at our place. **It is vital to have good numbers of people having showed up by then!** There will be a big banner showing the above header.

## Monday @ Jam Factory, Boiler room, **ECONOMY & CAUSALITY** day

11.00 Viktor Winschel (ETH) *An economic theory of marriage*

12.00 Joe Bolt (Ox) *Beliefs are strategies*

12.22 Fabrizio Genovese (Ox) *Tackling blockchain with categories*

12.45 **Buffet lunch**, free for everyone, hoping there is enough

14.15 Jules Hedges (Ox) [\*Breaking the rules of game theory\*](#)

15.00 **Beer & DJ-ing**

15.30 Aleks Kissinger & Sander Uijlen (Nijmegen) *Causal structure categorically*

16.30 We need to be out of the Boiler room by 17.00 but can of course hang out in the main part of the pub.

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## Tuesday @ Cape of Good Hope, upstairs, **QUANTUM** day

*We have this space (which is in itself a big pub with bar person) from noon till midnight, so lots of other things can be adjoined to the program as we go...either academic or artistic or social. Suggestions welcome!*

12.00 Meet-up & lunch

<https://www.thecapeofgoodhopeoxford.co.uk/food>

13.30 Samson Abramsky, Nadish de Silva & Rui Soares Barbosa (Ox/UCL) *Monads, comonads, and quantum model theory without quantum logic*

14.30 Bob Coecke, Aleks Kissinger & Stefano Gogioso (Ox/Nijmegen) *From Dusk(o) till JvN*

15.30 Beer & DJ-ing

16.00 Giulio Chiribella (Ox) *Sharp measurements*

17.00 Amar Hadzihasanovic and/or Quanlong Wang (Ox) *Completion of ZX from anti-specialness*

19.00 Dinner at Malikas

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### Wednesday @ Cape of Good Hope, upstairs, **SECURITY day**

13.00 Cathy Meadows (NRL – Washington DC) *Emerging issues and Trends in Formal Methods in Cryptographic Protocol Analysis: 14 Years Later.* (this will be an interactive discussion possibly over lunch)

14.00 David Reutter & Jamie Vicary (Ox) *Classical security from higher categories*

14.45 V. Velasini (ETH & York) *Composable security in relativistic quantum cryptography*

15.25 Beer & acoustic performance by V. Velasini

15.50 Excursion (are you being serious?)

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### Thursday @ Cape of Good Hope, upstairs, **SEMANTICS day**

13.00 Bert Lindenhovius, Mike Mislove & Vladimir Zamdziev (Tulane) *Linear/Nonlinear models*

14.00 Pawel Sobocinski (Southampton) *Stuff with Dusko*

15.00 Beer & DJ-ing

15.30 Dan Ghica (Birmingham) *Diagrammatic semantics of programming languages using GoI*

16.30 Ross Duncan (Strathclyde) *Stealing from Dusko a.k.a. Geometry of Abstraction with String Diagrams*

### Thursday @ Black Pub

19.00 Party & music

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### Friday @ Cape of Good Hope, upstairs, **MONTREAL day**

13.00 Robin Cockett & JS Lemay (Calgary/Ox) *The Story of Differential Categories*

13.20 Ruth Kempson & Mehrnoosh Sadrzadeh (QMUL) *TBA*

14.20 Gijs Wijnholds (QMUL) *TBA*

14.40 Stefan Pavlovic & Temra Pavlovic (CalArts) *TBA*

15.15 Beer & DJ-ing