

Workshop on the Foundations of Gauge Theories
University of California, Irvine
21 – 23 March 2014
Social and Behavioral Sciences Gateway (SBSG) 1517

Workshop Program

Friday 21 March

2:30pm. Introductory Remarks

2:40pm. Chris Smeenk (Western)
“Three Positions on Gauge”

4:10pm. Coffee Break

4:30pm. Jenann Ismael (Arizona)
“Introduction to Symmetry as a Guide to Superfluous Structure”

Evening. Conference Dinner
Venue TBA

Saturday 22 March

9:00am. Richard Healey (Arizona)
“New Thoughts on Yang-Mills Theories”

10:30am. Coffee Break

11:00am. Gordon Belot (Michigan)
“Symmetry, Infinity, and Redundancy”

12:30pm. Lunch

2:30pm. Michael Mueger (Nijmegen)
“Global symmetry in algebraic QFT: DHR theory and ramifications”

4:00pm. Coffee Break

4:30pm. Panel on Gauge Structure in Rigorous Approaches to Quantum Field Theory
Participants: Doreen Fraser (Waterloo), Hans Halvorson (Princeton), Arthur Jaffe (Harvard),
Michael Mueger (Nijmegen)

Sunday 23 March

10:00am. Informal Discussion / Wrap-Up (Social Science Tower 777)