

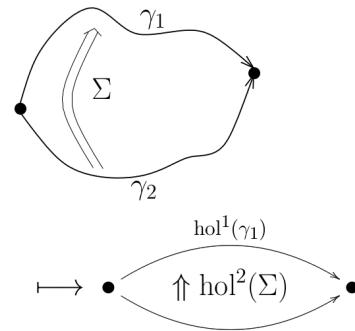
Workshop on Higher Gauge Theory: Where should we look for higher gauge matter? (From emerging physics and topological quantum computing to string and M-theory)

Where to look for higher gauge phenomena in nature (and in abstraction)?

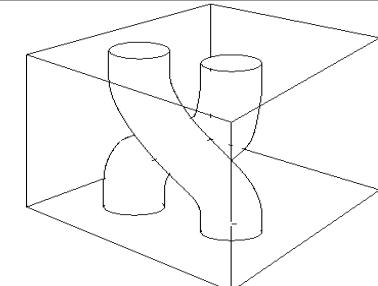
[University of Leeds:](#) 28 February 2018 (14:00) - 2 March 2018 (18:00)

Speakers:

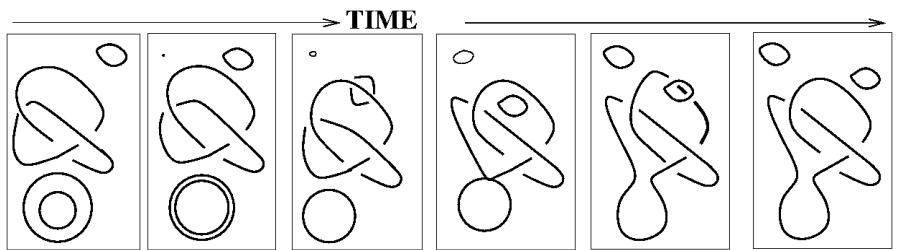
- [Aleksandar Mikovic](#) (Lusofona Lisbon University and GFMUL)
- [Branislav Jurčo](#) (Charles University in Prague)
- [Catherine Meusburger](#) (Erlangen-Nürnberg)
- [Celeste Damiani](#) (Osaka City University)
- [Jamie Vicary](#) (Birmingham and Oxford)
- [Eric Rowell](#) (Texas A&M University)
- [Roger Picken](#) (University of Lisbon)
- [John Huerta](#) (University of Lisbon)
- [Christian Saemann](#) (Heriot Watt)
- [Volodymyr Mazorchuk](#) (Uppsala)
- [Vanessa Miemietz](#) (East Anglia)
- [Alexander Bullivant](#) (Leeds)
- [Roberto Zucchini](#) (Bologna)
- [Bianca Dittrich](#) (Perimeter)
- [John Barrett](#) (Nottingham)
- [André Henriques](#) (Oxford)
- [Satoshi Sasaki](#) (Leeds)
- [Jiannis Pachos](#) (Leeds)
- [Steve Simon](#) (Oxford)
- [Almut Beige](#) (Leeds)
- [Martin Wolf](#) (Surrey)



Surface holonomy along the surface Σ



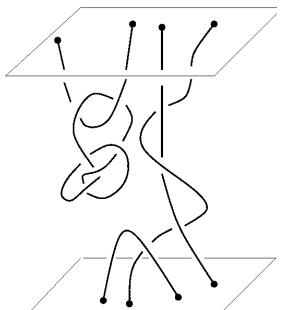
Loop-particles moving in 2D space



Anyonic loops moving in 3D space



Ice patterns at [Ilkley Moor](#)



Anyons moving in 2D space

Organising Committee:

- João Faria Martins (Leeds)
- Fiona Torzewska (Leeds)
- Paul Martin (Leeds)