* Read somewhere about Fourier analysis on Lie groups.

In particular,
Analysis on Lie Groups
By Jacques Faraut

* Explore the relationship between w-knots and knot concordance.

* Consider making a handout for Paris, "Harish-Chandra-Duflo implies Kashiwara-Vergne (or maybe Dror's an idiot)."

- Redo the A=grK business. ✓

- Sugar coat "trivalent w-tangles" in a nice 4D language. (Perhaps as "slice tangles"? (probably not - Gordon says in 4D all 2-knots are slice))

- Kauffman's and Dye's "arrow polynomial" is worth a good look! What is the underlying algebraic theory? Are there R-matrices in the business? Finite type properties? Hints about framing? Should it be programmed? Possibly the key idea is that "circuit lines" have "sides".

- Come to think of it, is the Kauffman bracket for virtuals an R-matrix invariant? If so, it would be v-finite type.

- A good "Knot Atlas" project should have a "take home" version that will allow for easy mirroring.