

Title: I understand Drinfeld and Alekseev-Torossian,  
I don't understand Etingof-Kazhdan yet, and I'm  
clueless about Kontsevich.

Abstract: The title, minus the last 5 words, completely  
describes what I want to share with you while  
we're in Montpellier. I'll tell you that Drinfeld  
associators are the solutions of the homomorphic  
expansion problem for  $u$ -knots (really, knotted  
trivalent graphs), that Kashiwara-Vergne-Alekseev-  
torossian series are the same for  $w$ -knots that  
the two are related because  $u$  &  $w$  knots are  
related, and that there are strong indications  
that " $v$ -knots" are likewise related to the  
Etingof-Kazhdan theory of quantization of Lie  
bi-algebras, though some crucial ideas are still  
missing. I've added the last five words to  
emphasize that I'm not a colonial imperialist  
bastard who claims everything, though Kontsevich's  
quantization of poisson structures is clearly not  
entirely unrelated.

Being a colonial imperialist bastard, I want as  
much of your air-time and attention as  
possible. So I'll talk for as long as you schedule

me or until you stop me, following parts  
of the following X handouts in an order  
that will be negotiated in real time. Prepare  
for the worst!

**Potential Handouts.** Kyoto-0705, Hanoi-0708, Fields-0709, MSRI-0808, Copenhagen-081009 (2), KSU-090407,  
Trieste Day 3&4 (2), Bonn-0908, Luminy-1004 (2), Goettingen-1004 (3).

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- Goals:
1. Finish wEK.
  2. Finish  $Z^w \Leftrightarrow AT$  &  $Z^w \Leftrightarrow$  wheeling.
  3. Some acrobat work.
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Booklet structure:

I cover page: A. Will do (uvw Top, uw comb)  
& low

B. Can do: 1. Finish u.

2. Finish w

3.  $u \Leftrightarrow w$ , wEK.

4. AKT

5. Alexander & beyond.

6. v computations

⋮

C. Can't do: 1.  $\sim$  vEK.

2. Kontsevich.

3. Furusho

II All these handouts, in order.

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Day 1:  $(uvw) \times (tcl)$ :

$ut \rightarrow vt \rightarrow wt \rightarrow wc \rightarrow wl$  ;  $uc&ul$   
 $vc&vl$

Dumb work.

Day 2 wh: 3 relations: AT, KV direct, Duflo

double yet not done

wh & Two sided relation with associators. } one side hwd.

Day 3 Z2A? 18C? Acrobats? EK? GT? AKT? CS?

18 posters are displayed in a grid. The posters are:

- 1. "Handouts for the Mouffler Meeting" (checkmark)
- 2. "From Weierstrass to Witt" (checkmark)
- 3. "Algebraic K-Theory" (checkmark)
- 4. "From Witt to Witt" (checkmark)
- 5. "The Witt Group" (checkmark)
- 6. "The Witt Group" (checkmark)
- 7. "The Witt Group" (checkmark)
- 8. "The Witt Group" (checkmark)
- 9. "The Witt Group" (checkmark)
- 10. "The Witt Group" (checkmark)
- 11. "The Witt Group" (checkmark)
- 12. "The Witt Group" (checkmark)
- 13. "The Witt Group" (checkmark)
- 14. "The Witt Group" (checkmark)
- 15. "The Witt Group" (checkmark)
- 16. "The Witt Group" (checkmark)
- 17. "The Witt Group" (checkmark)
- 18. "The Witt Group" (checkmark)

Handwritten notes to the right of the grid:

- + m1a, b
- + m2a, b
- ~13 pages.