

Conference on New Challenges and Perspectives in Symplectic Field Theory  
*A conference in Honour of Yasha Eliashbergs 60th Birthday*  
June 25 – 29, 2007

## Invariants of exact Lagrangian cobordisms

Ko Honda  
*Department of Mathematics*  
*University of Southern California*  
*3620 S. Vermont Ave*  
*Los Angeles, CA 90089*  
*USA*  
`khonda@usc.edu`

### **Abstract**

We give constructions of exact Lagrangian cobordisms between two Legendrian knots in the symplectization of the standard contact  $\mathbb{R}^3$ , and discuss invariants arising from Legendrian contact homology and Khovanov homology.

*This is joint work with Tobias Ekholm and Tamas Kalman.*