# Some remarks on mirror symmetry for Hitchin systems

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**Abstract**

In this talk I will report an ongoing project with Olivia Dumitrescu and Motohico Mulase regarding mirror symmetry for Hitchin systems. I will discuss the real quantization (brane quantization) by Gaiotto-Witten and the quantum Airy structures of Kontsevich-Soibelman. Our proposal is that these two different quantization procedures produce mirror symmetric pairs, when applied to Hitchin systems.