

**Answer to leftover chat room question from *Carlos Calle's*
Seedling Seminar presentation, February 19, 2014**

Yi: Hi, this is Yi Lin here at LaRC. I have a couple of questions: (1) what was the current optimal capacitance in volume and weight? (2) What was the method used to improve the capacitance for 10 times from 2.4 to 24 mF/cm²?

Carlos Calle:

- 1. The specific capacitance of our graphene-based ultracapacitors with sulfuric acid electrolytes currently is 13 F/cm³ or 220 F/*
- 2. The increase in capacitance from our earlier prototypes to the latest ones was due to a much thicker graphene sheet.*