

Abstract Submitted
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High surface area, porous nanotube film supercapacitors. RAJIB K. DAS¹, RYAN M. WALCZAK², JOHN R. REYNOLDS³, ANDREW G. RINZLER⁴, University of Florida — Recently, I-H Kim *et al.* [a] described high performance supercapacitors based on ruthenium oxide electrodeposited on multi-walled carbon nanotube mats. We recently developed a method for producing enhanced porosity single wall carbon nanotube (SWNT) films based on co-filtration of sacrificial nano-spheres and the SWNTs in the filtration based film fabrication. Here we follow Kim *et al.* in electrodepositing ruthenium oxide onto the porous SWNT films. Performance of the devices will be discussed. a. I-H Kim, J-H Kim, Y-H Lee and K-B Kim J. Electrochem. Soc. 152, A2170 (2005)

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