

**Online supporting material for:**

Interaction between Single-Wall Carbon Nanotubes and Encapsulated C<sub>60</sub>  
Probed by Resonance Raman Spectroscopy

*Soon-Kil Joung,<sup>1</sup> Toshiya Okazaki,<sup>1,2,\*</sup> Susumu Okada,<sup>3</sup> and Sumio  
Iijima<sup>1</sup>*

*<sup>1</sup>Nanotube Research Center, National Institute of Advanced Industrial  
Science and Technology (AIST), Tsukuba 305-8565, Japan*

*<sup>2</sup>PRESTO, Japan Science and Technology Agency, 4-1-8 Honcho,  
Kawaguchi 332-0012, Japan*

*<sup>3</sup>Institute of Physics and Center for Computational Sciences, University  
of Tsukuba, 1-1-1 Tennodai, Tsukuba 305-8577, Japan, and CREST,  
Japan Science and Technology Agency, 4-1-8 Honcho, Kawaguchi  
332-0012, Japan*

**Table 1.** The observed PL peak position of (17, 3) SWCNTs and C<sub>60</sub> nanopeapods (Figure 1).

$(n, m)$	$d_t$ (nm)	SWCNTs		C <sub>60</sub> nanopeapods	
		$E_{11}$ (eV)	$E_{22}$ (eV)	$E_{11}$ (eV)	$E_{22}$ (eV)
(17, 3)	1.483	0.706	1.161	0.700	1.161