

7th Workshop on Nanotube Optics and Nanospectroscopy (WONTON 2018)

Monday 9 July 2018

Poster Session: 1 (17:00 - 19:00)

[id] title	presenter	board
[8] Cryogenic spectroscopy of sp ³ defect states in carbon nanotubes	NUTZ, Manuel	
[12] High-Speed and integrated graphene blackbody emitters	FUKAZAWA, Yusuke	
[14] Photon antibunching in single-walled carbon nanotubes at telecommunication wavelengths and room temperature	KAWABE, Rintaro	
[16] Cavity-control of bright and dark interlayer excitons in van der Waals heterostructures	Mr FÖRG, Michael	
[20] Evaluation of substituent effects on the potential levels of locally-functionalized single-walled carbon nanotubes using in situ photoluminescence spectroelectrochemistry	Mr SHIRAISHI, Tomonari	
[22] Optical properties of core-shell systems based on carbon nanotubes	ORCIN-CHAIX, Lucile	
[28] Kinetics of diazonium functionalization of carbon nanotubes	Ms MÜLLER, Kerstin	
[54] Enhanced Raman scattering of graphene using double resonance in silicon photonic crystal nanocavities	Dr GOMULYA, Widianta	
[56] Tracing individual growth process of single-walled carbon nanotubes by digitally coding isotope labels	Dr OTSUKA, Keigo	
[46] Modulation-Doped Multiple Quantum Wells of Aligned Single-Wall Carbon Nanotubes	Ms KOMATSU, Natsumi	
[2] Photophysical properties of porphyrin–single-walled carbon nanotube linked systems with various spacer lengths	Prof. UMEYAMA, Tomokazu	
[6] Thin films from carbon nanotubes of highly tuned structure and properties	Dr JANAS, Dawid	
[60] Monolayer WSe ₂ -MoS ₂ Lateral Heterojunction Light-Emitting Diodes	Dr PU, Jiang	
[24] Optical Properties of Oxidized Single-Wall Carbon Nanotubes	OHFUCHI, Mari	
[30] Effect of functionalization and subsequent thermal treatment on photoluminescence properties of single-walled carbon nanotubes	Dr MAEDA, Yutaka	

Wednesday 11 July 2018**Poster Session: Poster Session 2 (17:00 - 19:00)**

[id] title	presenter	board
[21] Spectral tuning of optical coupling between air-mode nanobeam cavities and individual carbon nanotubes	MACHIYA, Hidenori	
[7] Environmental electrometry with luminescent carbon nanotubes	NOE, Jonathan	
[9] Photocurrent Spectroscopy of Dye Sensitized Carbon Nanotubes	Dr FLAVEL, Benjamin	
[19] Post modification approach for photoluminescence modulation of locally functionalized single-walled carbon nanotubes	Mr SHIGA, Tamehito	
[45] Molecular screening effects on trion binding energies and electronic band gaps in air-suspended carbon nanotubes	Dr TANAKA, Shunsuke	
[47] Narrow-band thermal exciton radiation in individual suspended single-walled carbon nanotubes	Dr NISHIHARA, Taishi	
[55] Reflectance of Carbon Nanotube Forest metamaterials	FURUTA, Hiroshi	
[69] Long-lived direct and indirect interlayer excitons in van der Waals heterostructures	WURSTBAUER, Ursula	
[67] Achieving 20% Efficiency Perovskite Solar Cells with High Stability by using Semiconducting Single-walled Carbon Nanotube Grain Bridges	Dr JEON, Il	
[5] Phonon Assigning of G-band from Suspended Single-walled Carbon Nanotubes	Mr TANAKA, Yuichiro	
[23] Probing the optical dipole transition and vibrational coherences in individual (5,4) carbon nanotubes by femtosecond pulse shaping	Dr CIESIELSKI, Richard	
[35] Dielectric properties of vertically aligned carbon nanotubes in the mid-IR and THz spectral range	Prof. ROSKOS, Hartmut	
[68] Effects of Chirality and Defect Introduction on the Intermediate Frequency Mode	Dr INABA, Takumi	
[59] Photoluminescence from Single-walled Carbon Nanotubes on hexagonal Boron Nitride Substrates	CHIASHI, Shohei	
[65] Resonance Raman Signature of Intertube Excitons in Compositionally-Defined Carbon Nanotube Bundles	Dr SIMPSON, Jeffrey R.	