Wednesday, December 15, 2010

You have nothing scheduled for this day

Thursday, December 16, 2010

Time	Session Info
7:00 PM-9:00 PM, 323C (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [9E]**	
7:00-7:30 PM	**329. Encapsulating nanowires in carbon nanotubes** H. Shinohara
7:30-7:50 PM	**330. Magnetic resonance studies of cluster and cage dynamics of endohedral metallofullerenes** H.C. Dorn
7:50-8:10 PM	**331. Self-assembled nanostructures in single-wall carbon nanotubes** T. Okazaki
8:10-8:30 PM	**332. High-Tc fullerene superconductivity: Alive and kicking** K. Prassides; M.J. Rosseinsky
~~8:30-9:00 PM~~	~~**333. Anomalous superconducting transition from 1D to 2D of 0.4nm single-walled carbon nanotubes arrayed in zeolite AFI channels** Z. Tang~~

Friday, December 17, 2010

Time	Session Info
10:00 AM-12:00 PM, Kamehameha Halls II and III (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [PS]**	
10:00 AM-12:00 PM	**540. Fabrication of graphene flakes composed of multi-layer graphene sheets using a thermal plasma jet system** J. Kim; J. Suh
10:00-12:00 PM	**541. Over 200 micron diamond particle synthesis with hot-filament CVD on quartz glass substrates** H. Kageyama; Y. Takagi; T. Suzuki; K. Maruyama
10:00-12:00 PM	**542. Boron-doped diamond synthesis with hot-filament CVD** H. Kageyama; Y. Takagi
10:00-12:00 PM	**Abstract Withdrawn**
10:00-12:00 PM	**544. Atomic-scale investigation of epitaxial graphene grown on 6H-SiC(0001) studied by scanning tunneling microscopy** H. Lee; J. Choi; S. Kim

10:00-12:00 PM	**545. Quality of produced SWNTs determined by catalyst treatment and feedstock decomposition conditions in alcohol CVD** B. Hou; R. Xiang; E. Einarsson; J. Shiomi; S. Maruyama
10:00-12:00 PM	**546. Electrochemical activities of carbon nanotube composites decorated with Pt nanoparticles** M. Koo; H. Kim; C. Ko; W. Oh
10:00-12:00 PM	**547. Ag nanopaticles coated SWCNT with surface enhanced Raman scattering (SERS) signals** R. Liu; Z. Chen; H. Zhu; Y. Cui; Y. Wang; X. Gao
10:00-12:00 PM	**548. Growth of multiwall carbon nanotubes by microwave plasma enhanced chemical vapor deposition(MPECVD)** C. Heo; S. Lee
10:00-12:00 PM	**549. Small amount of carbon nanotubes enforces reversible gel network** T. Goda; T. Mitsumata; M. Sano
10:00-12:00 PM	**550. Chirality dependence on hydrophobic and electrostatic interactions between dispersant molecules and carbon nanotubes** S. Katakura; M. Sano
10:00-12:00 PM	**551. Control of highly localized photochemical reaction of an isolated single-walled carbon nanotube at metal nanogap under illumination** M. Takase; S. Yasuda; H. Nabika; K. Murakoshi
10:00-12:00 PM	**552. Spectroscopy characterizations of graphene oxide and reduced graphene oxide** K. Park; S. Moon; D. Jin; Y. Cho; J. Jung
10:00-12:00 PM	**553. Novel nanographenes for lithium storage applications** T. Bhardwaj; A. Antic; V. Barone; B.D. Fahlman
10:00-12:00 PM	**554. Growth termination of millimeter-tall single-walled carbon nanotubes** K. Hasegawa; S. Noda
10:00-12:00 PM	**555. Duplex DNA unwinding activity assay of helicase** H. Jang; Y. Kim; H. Kwon; D. Kim; D. Min
10:00-12:00 PM	**556. Controlled growth of gold nanostructures on variously functionalized graphene thin films for the development of novel nanohybrid structure** Y. Kim; H. Na; D. Min
10:00-12:00 PM	**557. Bulk enrichment of high-aspect ratio single-walled carbon nanotubes** P. Vichchulada; M.A. Cauble; J. Shim; M.D. Lay
10:00-12:00 PM	**558. Synthesis and characterization of carbon nanotubes for improved chemical and mechanical properties** I. Harruna; M. Abdalla; H. Li
10:00-12:00 PM	**559. Separate control of catalyst particle formation and single-walled carbon nanotube growth in floating catalyst synthesis** Y. Sato; Y. Ishitsuka; T. Osawa; S. Noda

10:00-12:00 PM	**560. Enhancement of electronic conductivity for PMMA grafted MWNTs/6FDA-based polyimide composites** H. Im; J. Kim
10:00-12:00 PM	**561. Enhancement of ion conductivity of poly(diethyleneglycol dimethacrylate-co-styrenesulfonic acid) membrane with poly(styrenesulfonic acid) grafted carbon nanotube for direct methanol fuel cell** J. Hong; C. Kim
10:00-12:00 PM	**562. Electron acceptor property of fullerenes in aqueous solution** T. Hayashi; H. Takahashi; K. Tohji
10:00-12:00 PM	**563. Selective separation for metal and semiconducting single-walled carbon nanotubes with laser irradiation and density gradient ultracentrifugation techniques** A. Kumazawa; Y. Kaminosono; I. Tajima; K. Uchida; K. Tsuchiya; T. Ishii; H. Yajima
10:00-12:00 PM	**564. Electrochemical performance of MnO2-coated graphite nanofibers by in situ method for supercapacitor electrodes** K. Kim; S. Park
10:00-12:00 PM	**565. One-pot fabrication of hierarchical CdS/MWCNTs nanofibers: Chemical sensors constructed with nonsensitive semiconductors** Y. Xiao; X. Tang; L. Lu; A. Zhang; L. Han; F. Li
10:00-12:00 PM	**566. Bromination of graphite: A new route to produce graphene sheets** S. Vadukumpully; J. Gupta; S. Valiyaveettil
10:00-12:00 PM	**Abstract Withdrawn**
10:00-12:00 PM	**568. Semiconductor properties of nitrogen-doped hydrogenated amorphous carbon fabricated by plasma enhanced chemical vapor deposition method** K. Honda; M. Furuta; K. Kuriyama; R. Kuwabara; H. Naragino; K. Yoshinaga
10:00-12:00 PM	**569. Selective ZnO nanorods growth on grpahene** W. Choi; J. Choi
10:00-12:00 PM	**570. Alignment of carbon microsprings under electromagnetic field and their sensing properties** S. Yang; X. Chen; H. Sakai; M. Abe
10:00-12:00 PM	**571. Functionalizated single wall carbon nanotubes (SWCNT)by arch discharged** J. Vega-Baudrit; S. Ramírez; M. Sibaja
10:00-12:00 PM	**572. Orientation and structure of carbon nanotubes prepared under magnetic fields** A. Sakaguchi; A. Hamasaki; M.W. Takeda; S. Ozeki
10:00-12:00 PM	**573. 3-D potential mapping on CN-FETs by atomic force microscopy** R. Nishi; Y. Miyato; N. Oyabu; K. Kobayashi; K. Matsushige; H. Yamada
10:00-12:00 PM	**574. Characterization of carbon nanotube network channel for thin film transistors by scanning probe microscopy** Y. Okigawa; O. Yutaka; K. Shigeru; M. Takashi

10:00-12:00 PM	**575. Liquid-phase laser ablation synthesis and properties of long-chain polyynes up to $C_{24}H_2$** K. Inoue; R. Matsutani; K. Takagishi; T. Sanada; K. Kojima
10:00-12:00 PM	**576. Electric properties of polyaniline sulfonic acid/carbon nanotubes composites** T. Kuriyama; K. Tsuchiya; T. Ishii; H. Yajima
10:00-12:00 PM	**577. Structure and morphology control of single-wall carbon nanotubes for high performance thin film transistors** K. Shiozawa; Y. Asada; Y. Miyata; L. Hong En; R. Kitaura; Y. Ohno; T. Mizutani; H. Shinohara
10:00-12:00 PM	**578. Ultrasensitive biosensor with double-walled carbon nanotube FET** S. Yajima; T. Morimoto; T. Mori; K. Omura; N. Maeda; K. Uchida; H. Yajima; K. Ishibashi
10:00-12:00 PM	**579. High performance photoresponse device using SWNT-ZnO heterojunction** J. Chang; J. Lee; W. Kang; N.C. Khalid; M. Lee; K. Koh; J. Kim
10:00-12:00 PM	**580. Introduction of functional groups onto carbon black surface by ligand-exchange reaction** M. Oda; I. Cha; K. Shirai; T. Yamauchi; N. Tsubokawa
10:00-12:00 PM	**581. Horizontally alignment mechanism of SWNT growth on R-cut crystal quartz substrates** T. Inoue; H. Okabe; S. Chiashi; J. Shiomi; S. Maruyama
10:00-12:00 PM	**582. Change of the electrical properties of graphene upon introduction of structural disorders and its response to gas exposure** K. Kim; H. Kang; B. Woo; W. Yun
10:00-12:00 PM	**583. Transparent electro-conducting polymeric films using carbon nanotubes and nanofibrous membranes** H. Bak; S. Cho; Y. Yun; S. Heo; D. Kim; H. Kim; M. Kang; A. Grinou; H. Jin
10:00-12:00 PM	**584. Interaction of single-walled carbon nanotubes with π-conjugated compounds** J. Higo; Y. Maeda; M. Yamada; T. Hasegawa; T. Akasaka; S. Nagase
10:00-12:00 PM	**585. Encapsulation of polyyne molecules in single wall carbon nanotubes** T. Wakabayashi; M. Teshiba; Y. Wada
10:00-12:00 PM	**586. Carbon nanotubes synthesis in liquid xylene by low-frequency pulsed arc discharge using metal electrodes** T. Kizu; S. Aikawa; M. Okabe; E. Nishikawa
10:00-12:00 PM	**587. Density enhancement of aligned SWNTs on quartz substrate: Reduction process of catalyst nano-particles and pretreatment of substrate** K. Hata; Y. Ohno; S. Kishimoto; T. Mizutani

10:00-12:00 PM	**588. Novel collision synthesis of unique nano-carbon materials** S. Ohara; Z. Tan; K. Sato; H. Abe
10:00-12:00 PM	**589. Cell membrane-mimicked electronic sensor using polymerizable lipid/carbon nanotube hybrids** T. Kim; J. Jaworski; S. Hong; A. Majumdar; S. Lee
10:00-12:00 PM	**590. Synthesis, characterisation and applications of cationic carbon nanoparticles** J.D. Watkins; R. Lawrence; J.E. Taylor; S.D. Bull; F. Marken
10:00-12:00 PM	**591. Liquid exfoliation and functionalization of high quality graphene** W. Qian; R. Hao; Y. Hou
10:00-12:00 PM	**592. Thermal and electrical conductivity of bulk, aligned MWCNT arrays and yarns** M. White; M. Jakubinek; M. Johnson; G. Li; C. Jayasinghe; W. Cho; M. Schulz; V. Shanov
10:00-12:00 PM	**593. Exfoliation of layered graphite and metal chalcogenides into ordered atomically-ordered 2-D nanosheets** P.F. Fulvio; X. Wang; S.M. Mahurin; G.A. Baker; R.R. Unocic; S. Dai
10:00-12:00 PM	**594. Mechanically robust, conductive carbon nanotube-based aerogels and their composites** M.A. Worsley; S.O. Kucheyev; J.D. Kuntz; T.Y. Han; P.J. Pauzauskie; J.H. Satcher; A.V. Hamza; T.F. Baumann
10:00-12:00 PM	**595. Key role of gas phase chemistry in chemical vapor deposition growth of carbon nanotubes** B. Shukla; . Saito; S. Ohmori; . Yumura; . Iijima
10:00-12:00 PM	**596. Evaluating nanocomposite materials via nuclear magnetic resonance** C.A. Klug
10:00-12:00 PM	**597. New protein anode based on MWCNT-bound (PQQ)-GDH and application in a glucose/O2-powered biofuel cells** F. Lisdat; C. Tanne; G. Göbel
10:00-12:00 PM	**598. Supramolecular assembed monolayer of fullerene C60** K. Hisada; K. Tanaka; T. Kato; Y. Tokunaga; T. Hori
10:00-12:00 PM	**599. Purification of SWNT suspensions for use in the formation of 2-D networks** M.D. Lay; M.A. Cauble; Q. Zhang; P. Vichchulada
10:00-12:00 PM	**600. Preparation of graphene nanosheet/polypyrrole nanocomposite as the electrode material for supercapacitors** X. Zhang; D. Zhang; Y. Chen; P. Yu; Y. Ma
10:00-12:00 PM	**601. Work function controlled graphene electrode for energy harvesting device** H. Shin; W. Choi; D. Choi; G. Han; Y. Lee; J. Choi

10:00-12:00 PM	**602. Structure of water molecular assemblies in carbon nanospace: Experimental investigation by X-ray and neutron diffractions** T. Iiyama; F. Fujisaki; R. Futamura; A. Hamasaki; S. Ozeki; A. Hoshikawa; T. Ishigaki
10:00-12:00 PM	**603. One step decoration of carbon nanotubes by gold, platinum, and rhodium nanoparticles by the injection of colloidal solutions into an atmospheric plasma** F. Demoisson; T. Dufour; N. Claessens; A. Felten; J. Guillot; H. Migeon; J. Pireaux; F. Reniers
10:00-12:00 PM	**604. Novel hydrophilic Mn3O4/millimeter-long carbon nanotube array composite electrode for electrochemical for supercapacitors** X. Cui; W. Chen
10:00-12:00 PM	**605. Aqueous nanocarbon dispersions for photothermal, electronic, and energy applications** J. Texter; R. Crombez; X. Ma; M. Tirici; C. Giordano; M. Antonietti
10:00-12:00 PM	**Abstract Withdrawn**
10:00-12:00 PM	**607. Preparation of polyynes from perylene derivative and graphite by liquid-phase laser ablation** R. Matsutani; K. Inoue; T. Kakimoto; H. Tanaka; K. Kojima
10:00-12:00 PM	**608. Electromechanical properties of carbon microsprings** X. Chen; S. Yang; H. Sakai; M. Abe
10:00-12:00 PM	**609. Water transport across single-walled and multi-walled carbon nanotube "buckypaper" membranes** S. Ralph; L. Sweetman; L. Alcock; M. in het Panhuis
10:00-12:00 PM	**Abstract Withdrawn**
10:00-12:00 PM	**611. Liquid-phase extraction of inner shells from double-wall carbon nanotubes** Y. Miyata; M. Suzuki; R. Kitaura; Y. Asada; H. Shinohara
10:00-12:00 PM	**612. Novel synthetic method of carbon nanotubes from electrospun polystyrene fibers by using microwave heating** K. Ohta; T. Ohta; L. Tauchi; H. Nguyen-Tran; B. Kim; I. Kim
10:00-12:00 PM	**613. Direct growth of narrow diameter, chirality, and length distributed single-walled carbon nanotubes by time-programmed plasma CVD** T. Kato; R. Hatakeyama
10:00-12:00 PM	**614. Development of mesoporous carbon nanoreactor** A. Hayashi; K. Kimijima; I. Yagi; Y. Hayashi; M. Tanemura
10:00-12:00 PM	**615. Characterization of defects and potential barriers in carbon nanotube field effect transistors using AFM** Y. Miyato; K. Kobayashi; K. Matsushige; H. Yamada

10:00-12:00 PM	**616. Precisely localized synthesis of single-walled carbon nanotubes for applications** E. Einarsson; S. Aikawa; R. Xiang; S. Chiashi; J. Shiomi; E. Nishikawa; S. Maruyama
10:00-12:00 PM	**617. Development of matrix-free vertical electrophoresis with nonionic surfactant for the separation of metallic and semiconducting carbon nanotubes** K. Ihara; T. Saitoh; H. Endoh; F. Nihey
10:00-12:00 PM	**618. Fabrication and physical properties of novel nanotube-based hybrid materials** R. Kitaura; H. Shinohara
10:00-12:00 PM	**619. Synthesis of hierarchical porous carbons and hybrid materials by dual block copolymer/nanoparticles templating method** F. Rodriguez; A.F. Vargas; B.L. López; L. Sierra
10:00-12:00 PM	**620. Experimentally determined redox potentials of single-walled carbon nanotubes** Y. Tanaka; Y. Hirana; Y. Hiidome; N. Nakashima
10:00-12:00 PM	**621. Computational approach to carbon nanorings and the stability of quantum information** M. McGuigan
10:00-12:00 PM	**622. Development ion trap mobility measurements** T. Sugai; Y. Sawanishi
10:00-12:00 PM	**623. Perturbation of single-walled carbon nanotube electronic properties using surfactant peptides** I.H. Musselman; D.R. Samarajeewa; G.R. Dieckmann
10:00-12:00 PM	**624. Torsional behavior of carbon and inorganic nanotubes** E. Joselevich
10:00-12:00 PM	**625. Investigation on charge transfer mechanism from quantum dot to carbon nanotube** C. Han; H. Shim; S. Jeong; S. Kim; H. Jung
7:00 PM-9:00 PM, 323C (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [8E]**	
~~7:00-7:30 PM~~	~~**728. Ordered 2D substrate growth of 3D hierarchical CNTs** F. Wei~~
7:30-8:00 PM	**729. Sub-centimeter long vertically aligned single-walled carbon nanotubes by remote plasma** H. Kawarada
8:00-8:30 PM	**730. Understanding and customizing vertically aligned growth of carbon nanotubes** S. Noda
~~8:30-9:00 PM~~	~~**731. Vertical array growth of nitrogen doped SWCNTs: Synthesis, characterization, and new device architectures** R. Hauge; C. Pint~~

Time	Session Info
7:30 AM-11:30 AM, 324 (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [1A]**	
7:30-8:10 AM	**949. Coaxial carbon nanotubes: Double-walled carbon nanotubes** M. Endo; H. Muramatsu; T. Hayashi; Y. Kim
8:10-8:40 AM	**950. Shaping carbon nanotubes with surfaces** E. Joselevich
8:40-9:10 AM	**951. Gaining "control" in the synthesis of single walled carbon nanotubes** W. Zhou; L. Ding; J. Liu
9:10-9:40 AM	**952. Production of SWNT with a single chirality** Y. Achiba
9:40-10:10 AM	**953. Growth of single-walled carbon nanotubes on surface with controlled structures** J. Zhang
10:10-10:30 AM	**954. Performance of solar cells based on single-walled carbon nanotubes under the illumination of infrared light** R. Hatakeyama; Y. Li; S. Kodama; T. Kaneko
10:30-11:00 AM	**955. Optical studies of carbon nanotube chemical vapor deposition** P. Finnie; A. Li-Pook-Than; P. Vinten; P. Marshall; J. Lefebvre
11:00-11:30 AM	**956. Growth mechanism and structure control of single walled carbon nanotubes by alcohol catalytic chemical vapor deposition method** S. Maruyama; R. Xiang; E. Einarsson; S. Chiashi
12:30 PM-4:30 PM, 324 (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [2P]**	
12:30-1:00 PM	**1235. Probing interactions in carbon nanotubes through optical spectroscopy** T.F. Heinz
1:00-1:30 PM	**1236. Exciton and phonon softening phenomena of carbon nanotubes and graphene** R. Saito; A.R. Nugraha; K. Sato; K. Sasaki; P.T. Araujo; A. Jorio; G. Dresselhaus; M.S. Dresselhaus
1:30-2:00 PM	**1237. Excitonic properties and fine structures studied by single carbon nanotube spectroscopy** K. Matsuda
2:00-2:30 PM	**1238. Photoluminescence of single-walled carbon nanotubes as the probe of molecular adsorption and encapsulation** Y. Homma
2:30-2:50 PM	**1239. Optical absorption spectroscopy, a standard method for precise characterization of single-wall carbon nanotubes** T. Saito; S. Ohmori; M. Tange; B. Shukla; T. Okazaki; M. Yumura; S. Iijima

2:50-3:10 PM	**1240. Separation and functionalization of single-walled carbon nanotubes** Y. Maeda; M. Yamada; T. Hasegawa; T. Akasaka; S. Nagase
3:10-3:40 PM	**1241. Terahertz and gigahertz dynamics of carbon nanotubes** J. Kono
3:40-4:10 PM	**1242. Raman spectroscopy of chirality-enriched carbon nanotubes** S. Doorn
7:00 PM-9:00 PM, 324 (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [7E]**	
7:00-7:30 PM	**1270. Chemically enhanced carbon-based nanoelectronic materials and devices** M.C. Hersam
7:30-8:00 PM	**1271. Selected (n,m) single-walled carbon nanotubes as molecular templates** M.M. Kappes
8:00-8:30 PM	**1272. Recent progress in carbon nanotube sorting by DNA** M. Zheng
8:30-9:00 PM	**1273. Advanced (n,m) and enantiomeric sorting of single-walled carbon nanotubes by nonlinear density gradient ultracentrifugation: method and applications** S. Ghosh; S.M. Bachilo; R. Weisman

Sunday, December 19, 2010

Time	Session Info
7:30 AM-11:30 AM, 324 (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [3A]**	
7:30-8:10 AM	**1343. Electron transport in carbon nanotubes and graphene** P. Kim
8:10-8:40 AM	**1344. Direct growth of patterned graphene films on device substrate** J. Choi; H. Shin; S. Yoon; Y. Lee
8:40-9:00 AM	**1345. Nanocatalysis on graphene and metal-graphene nanocomposites** M.S. El-Shall; A.R. Siamaki; A.S. Khder; F.B. Gupton
9:00-9:20 AM	**Abstract Withdrawn**
9:20-9:50 AM	**1347. Advances in graphene chemistry** R.C. Haddon
9:50-10:10 AM	**1348. Fabrication of immobilized graphene films and patterned structures** M. Yan; L. Liu

10:10-10:40 AM	**1349. Band-gap tunable operation of bilayer graphene device** K. Tsukagoshi; S. Li; H. Miyazaki
10:40-11:00 AM	**1350. Chemical vapor deposition of graphene films on dielectric substrate** Y. Zhang
11:00-11:30 AM	**1351. Graphite oxides and graphene sheets: Properties and applications** Y. Lee; M. Jin; H. Jeong; H. Shin; D. Duong
12:30 PM-4:30 PM, 324 (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [4P]**	
12:30-1:00 PM	**1426. Thin film transistors using PECVD-grown carbon nanotubes** T. Mizutani; S. Kishimoto
1:00-1:20 PM	**1427. Graphene: Properties, preparation, and application perspective** Y. Chen
1:20-1:40 PM	**1428. Fabrication of graphene and graphenoid 2-D carbon materials from self-assembled monolayers** A. Turchanin; C. Nottbohm; M. Büenfeld; X. Zhang; R. Stosch; T. Weimann; J. Mayer; C. Kisielowski; A. Gölzhäuser
1:40-2:00 PM	**1429. Carbon nanoscrolls and their bundles** G. Cheng; I. Calizo; X. Liang; B. Sperling; A. Hight Walker
2:00-2:30 PM	**1430. Nanocarbon electronics and applications: Graphene and nanotube** K. Matsumoto
2:30-2:50 PM	**1431. Effect of gases on electronic properties of graphene and single-walled carbon nanotubes** E. Bekyarova; H. Wei; I. Kalinina; X. Sun; K. Worsley; M.E. Itkis; R.C. Haddon
2:50-3:20 PM	**1432. Electric double layer transistor and its application to nanocarbon materials** Y. Iwasa
3:20-3:40 PM	**1433. Impact of interface charges on carbon nanotube FETs for CMOS applications** Y. Ohno; N. Moriyama; K. Suzuki; S. Kishimoto; T. Mizutani
3:40-4:00 PM	**1434. Probing structure, defects, and chemical functionalization of carbon nanotubes with scanning transmission X-ray microscopy** A. Hitchcock; E. Najafi; J. Guan; S. Denomme; B. Simard; J. Wang
4:00-4:30 PM	**1435. Carbon nanotube based Schottky barrier devices** A. Rinzler; B. Liu; M. McCarthy
7:00 PM-9:00 PM, 324 (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [5E]**	
7:00-7:30 PM	**1542. Growth of aligned arrays of single walled carbon nanotubes and their use in RF electronics** J. Rogers

7:30-7:50 PM	**1543. Connecting carbon nanotube with metal atomic chain** D. Tang; L. Yin; C. Liu; H. Cheng
7:50-8:10 PM	**1544. Integration of SWCNT into thermosets and thermoplastics** B. Simard; R. Anderson; F. Cheng; J. Guan; Y. Martinez-Rubi
8:10-8:30 PM	**Abstract Withdrawn**
8:30-9:00 PM	**1546. Conductive soft materials composed of carbon nanotubes and ionic liquids** T. Fukushima; T. Aida

Monday, December 20, 2010

Time	Session Info
7:30 AM-11:30 AM, 324 (Convention Center), **Carbon Nanotubes and Nano-Carbon Materials: Preparation, Characterization, and Applications (#135) [6A]**	
7:30-8:00 AM	**Abstract Withdrawn**
8:00-8:30 AM	**1695. Drug delivery application of carbon nanohorns** M. Yudasaka
8:30-9:00 AM	**1696. Type separated single wall carbon nanotubes for energy** S. Arepalli
9:00-9:30 AM	**1697. Nanoscale carbon materials for solar energy conversion** D.M. Guldi
9:30-9:50 AM	**1698. Design of novel carbon nanotube-based hybrid catalyst toward nonhumid fuel cell systems** T. Fujigaya; K. Matsumoto; M. Okamoto; A. Ishibashi; N. Nakashima
9:50-10:10 AM	**1699. Highly transparent conductors based on as-grown single-walled carbon nanotubes** G. Chen; E.M. Pigos; A.R. Harutyunyan
10:10-10:40 AM	**1700. Carbon nanostructure-based hybrid nanodevices** S. Hong
~~10:40-11:00 AM~~	~~**1701. High-precision localized growth of single-walled carbon nanotubes and its applications** R. Xiang; S. Aikawa; E. Einarsson; S. Maruyama~~
11:00-11:30 AM	**1702. Carbon nanotube X-ray for medical imaging and radiation therapy: Promises and challenges** O. Zhou