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CVD synthesis of small-diameter nitrogen-doped single-walled carbon nanotubes using acetonitrile

Dr Erik Einarsson. The University of Tokyo. Japan

A comparison study of catalytic oxidation and acid oxidation to prepare carbon nanotubes for filling with Ru nanoparticles
Lei Ge, The University of Queensland, School of Chemical Engineering, Brisbane, Australia

Reaction analysis on CNT Growth mechanism by eDIPS method using $\frac{13}{C}$ carbon source Dr Takavoshi Hirai. Technology Research Association for Single Wall Carbon Nanotubes. Japan S Pressure on Growth Process of Horizontally Aligned Single-Walled Carbon Nanotubes on Ouartz Substrates

Effect of Gas Pr Mr Taiki Inoue, Department of Mechanical Engineering, The University of Tokyo, Japan Highly Efficient Individual Dispersion of Single-Walled Carbon Nanotubes Using a Chitosan Derivative

Dr Duckiona Kim, Korea Institute of Machinery and Materials, Korea

Dispersion property evaluation of various single-walled carbon nanotubes suspended with a biocompatible dispersant
Dr Duckiona Kim. Korea Institute of Machinery and Materials. Korea
Fabrication and Characterization of Fully Flattened Carbon Nanotubes and Graphene Nanoribbons
Assoc Prof Rvo Kitaura. Nadova University. Japan
Effect of sulfur precursors on diameter-controlling of SWCNTs by eDIPS method

Dr Masaharu Kivomiva. Technical Research Association for Single Wall Carbon Nanotube (TASC). Japan

<u>Inorganic Multilayered Structures on a Graphene and Their Application as the Novel Nanocatalyst Flatform</u>
Dr Ha-Jin Lee, Korea Basic Science Institute, Korea

Narrow-Chirality Distributed Growth of Single-Walled Carbon Nanotubes by Diffusion Plasma CVD and its Growth Mechanism
Koshi Murakoshi. Department of Electronic Engineering. Tohoku University. Japan
Efficient growth of single-walled carbon nanotubes from nanodiamond seeds
Dr Rvota Negishi. Department of Applied Physics. Osaka University. Japan
Effect of growth pressure on synthesis of vertically aligned carbon nanotubes using thermal chemical vapor deposition

Sangeun Park, BK21 Physics Research Division, Department of Physics, Sungkyunkwan University, Suwon 440-746, Republic of Korea. Korea

Mechanism of Electric-Field-Induced Separation of Metallic and Semiconducting Single-Wall Carbon Nanotubes

Ms Fusako Sasaki. Technology Research Association for Single Wall Carbon Nanotubes (TASC), Japan

Helium ion beam lithography for carbon nanotube nanogap electrodes
Cornelius Thiele. Karlsruhe Institute of Technology. Germany
Influence of nitrogen incorporation on the diameter of single-walled carbon nanotubes
Mr Theerapol Thurakitseree. The University of Tokyo. Japan
Vertically-aligned Carbon Nanotube Growth Using Iron Oxide Nanoparticles

Mr Kazuki Yamada. Tokyo University of Science. Japan Carbon Nanotube Synthesis by Electrochemical Reductive Deposition at Room Temperature

Dr Satoshi Yasuda. Hokkaido University. Japan Synthesis of Ultralona Semiconductina Defect-free Carbon Nanotubes Dr Rufan Zhang, Department of Chemical Engineering, Tsinghua University, China

Oxygen-isotope labeled titania: Ti¹⁸O₂ and Ti¹⁷O₂

János Koltai, Dept. of Biological Physics, Institute of Physics. Loránd Eötvös University, Pázmány Péter sétány 1/A, H-1117
Budapest. Hungary.
Ferromagnetic properties of single walled carbon nanotubes doped with manganese oxide nanoparticles using an electrochemical method

Ki Nam Yun, Korea University, Korea

Measurement of mass variations of fine CNT varns due to particle adhesion
Catia Baron Aznar. University of Cambridge. United Kingdom
Catalyst Control for Longer Single-Wall Carbon Nanotubes with Smaller Diameters
Ms Zhongming Chen, Department of Chemical System Engineering. School of Engineering, The University of Tokyo, Japan

Degradation of Carbon Nanotubes in Field Emission
Takehiro Emi. Osaka University Japan
Characterization of titania nanotube arrays with carbon nanotubes for for drug delivery applications
Karan Gulati, University of Australia. Australia
Reduction of Boundary Thermal Resistance using Single-walled Carbon Nanotube Film Yushi Iba. Department of Mechanical Science Engineering, Hiroshima University, Japan ransparent film heater from the spun multi-walled carbon nanotubes

Dr Honsik Jana. Korea Research Institute of Standards and Science. Korea

Stacking of Water Molecules in Hydrophilic Graphene Oxides Characterized by Kelvin Probe Force Microscopy

Prof Dr Hae Kvuna Jeona. Daeau University. Korea

Sinale Group 8 Metal Atom (Fe. Ru) Catalyzes C–C Bond Reorganization of Fullerenes

Dr Masanori Koshino. Nanotube Research Centre. National Institute of Advanced Industrial Science and Technology (AIST), Japan Field emission characteristics of novel point-type carbon nanotube emitters for next-generation x-ray sources Hansung Lee, Faculty of Nanotechnology and Advanced Materials Engineering. Seiong University, Seoul, Korea

Effect of laser heating on carbon nanotube bundles probed by Raman scattering

Dr Jose R Mialichi. UNICAMP. Campinas. Brazil. Brazil

Exciton Dynamics in Hole-doped Sindle-walled Carbon Nanotubes

Shinichiro Mouri. Institute of Advanced Energy. Kvoto University. Japan

Antiretrogradation Functions of Carbon Nanotubes with Defect Graphene-like Structures for Rubber Materials in Their Composites

Mr Tomoya Nagaoka. Department of Applied Chemistry. Faculty of Science. Tokyo University of Science. Japan

The effect of femtosecond laser irradiation on photoluminescence emission of single wall carbon nanotubes

Satoru Shoii. Department of Applied Physics. Osaka University. Japan

Field emission characteristics of carbon nanotube pastes with nm-sized Ni and TiO2 powders

Sora Sim, Seiona University, Korea

MeV electron-beam induced decoration of Pt nanoclusters on graphene for transparent conductive electrodes Mr Myoung-Jun Cha. BK21 Physics Research Division. Sunakvunkwan University, Korea

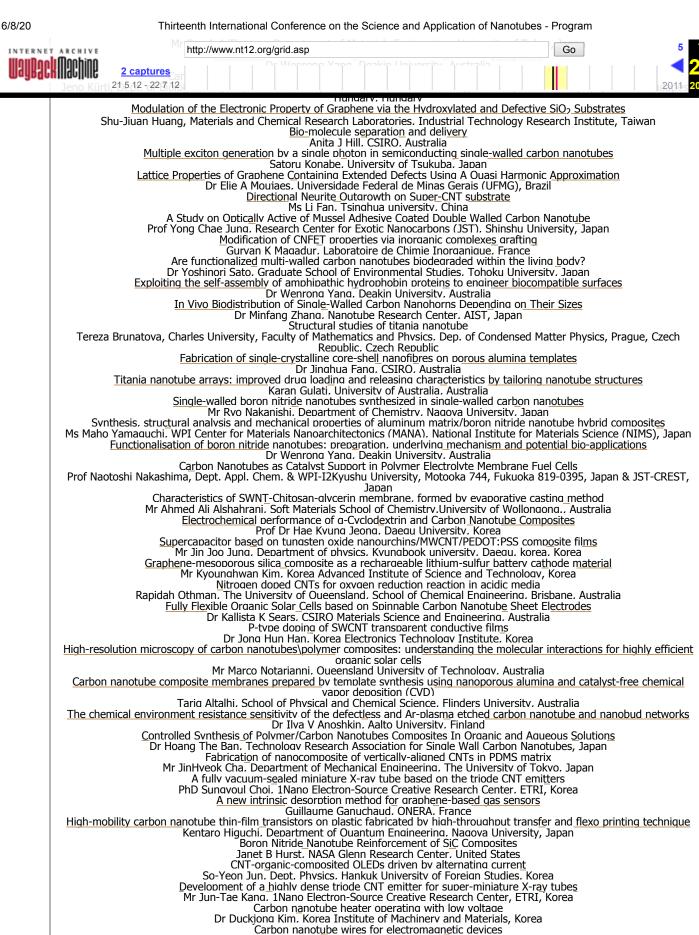
Mr Myoung-Jun Cna. BK21 Privsics Research Division. Sundkvunkwan University, Korea ECR-PECVD method for fabrication of few-laver graphene films
Chih-Chen Chang. Industrial Technology and Research Institute of Taiwan. Taiwan
Fabrication and Characterisation of Chemically Converted Graphene (CCG) Enzymatic Hydrogel Electrodes
Miss Willo M Grosse, Intelligent Polymer Research Institute. ARC Centre of Excellence for Electromaterials Science, University of Wollongong. Australia
Boron Nitride Nanoribbons Made From Exfoliation
Ching-cheh Hung, NASA Glenn Research Center. Cleveland Ohio 44135, United States
Graphene bybrid materials for energy conversion

Graphene hybrid materials for energy conversion

Dr Nikolaos Karousis, Theoretical and Physical Chemistry Institute. National Hellenic Research Foundation, 48 Vassileos
Constantinou Avenue. Athens. Greece
Enhanced electrical conductivity of gold doped graphene films by microwave treatment
Yooseok Kim. BK21 Physics Research Division. Sungkyunkwan University. Suwon 440-746, Korea
Carrier transport properties of multilaver graphene with turbostratic structure
Dr Ryota Negishi. Department of Applied Physics. Osaka University. Japan

The transparent conductive oxygen barrier graphene oxide film deposited via a self-assembly coating method

Dr Kwonwoo Shin. Korea Electronics Technology Institute. Korea Non-equilibrium thermal transport simulation of conical carbon nanofiber nanostructures



Mr Lukasz Kurzepa, University of Cambridge, United Kingdom

Facile Fabrication of Carbon Nanotube Devices on Various Substrates by Transfer Printina Method Prof Ji-Yong Park. Department of Physics and Division of Energy Systems Research. Alou University. Korea The use of Single-walled Carbon Nanotubes and polyaniline composite as ion selective electrode in Capacitive deionization (CDI)
Caijuan Yan, University of South Austrilia, China

19:30

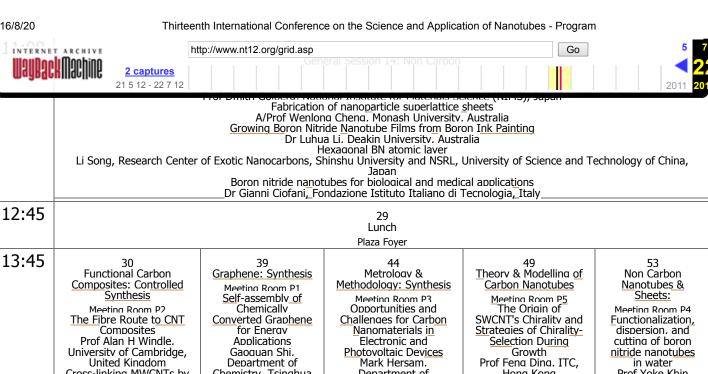
Tuesday, 26 June 2012

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10 General Session 5: Optical Methods Plaza Auditorium

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Cross-linkina MWCNTs by perfluorophenvlazide (PFPA) for reinforcement of CNT spun fibers and unidirectionally aligned Kazumichi Nakamura. Department of Electrical and Electronic Engineering, Shizuoka University, Japan Improving the mechanical properties of epoxy nanocomposite using multiwalled carbon nanotube functionalized by a novel plasma treatment Mr Zhiaiana Chen.
Institute for Frontier
Materials, Deakin
University. Australia
Towards Jarge scale aligned carbon nanotubes based composite production Dr Pascal Boulanger. Laboratoire Francis Perrin (CEA CNRS URA 2453). DSM-IRAMIS-SPAM, CEA Saclav, 91191 Gif sur Yvette, France, France Flexible threedimensional carbon nanotube/methylcellulose

composites

Dr Lixiang Yuan. University of Sydney,

Australia[°]

Chemistrv. Tsinahua Universitv. Beijing, China Uniform single-laver graphene growth on SiO2 substrate by diffusion plasma CVD and its growth mechanism Dr Toshiaki Kato, Department of Electronic Engineering, Tohoku University, Japan <u>Autonomously</u> controlled homoaenous arowth of wafer-sized high-<u>quality graphene via</u> a smart Janus substrate Dr Donavun Wan. Shanahai Institute of Ceramics, CAS, China Studies of araphene arowth on copper using aradients of temperature and carbon concentration Dr Johan Ek Weis, doto. Fisica. Universidade Federal de Minas Gerais (UFMG), Brazil Two selective growth modes for graphene on Cu substrate Mr Wooseok Song, BK21 Physics Research Division, Sunakvunkwan University, Korea Investigating Graphene Growth on Ni Surface Using Isotope-Labeled Alcohol Catalytic Chemical Vapor Deposition Dr Pei Zhao. Department of Mechanical Enaineerina. The University of Tokyo, Japan

Department of Materials Science and Engineering, Northwestern University, United States Feedback control and modeling of a laser assisted CVD process for carbon nanotube arowth Yoeri van de Burat, Eindhoven University of Technology, The Netherlands Selective arowth of well alianed ultralona carbon nanotubes out of randomly oriented short nanotubes in catalvst regionson substrates Dr Rufan Zhang, Department of Chemical Engineering, Tsinghua University, China
Chemical Vapor
Deposition Synthesis
and Physical Properties of Horizontally Alianed Carbon Nanotube Mr Tohru Watanabe. National Institute for Materials Science, Japan Dvnamic Characterization and

Fabrication of Carbon

Nanostructures

Prof Litao Sun, SEU-FEI

Nano-Pico Center. Kev Lab of MEMS of MOE, Southeast University,

China

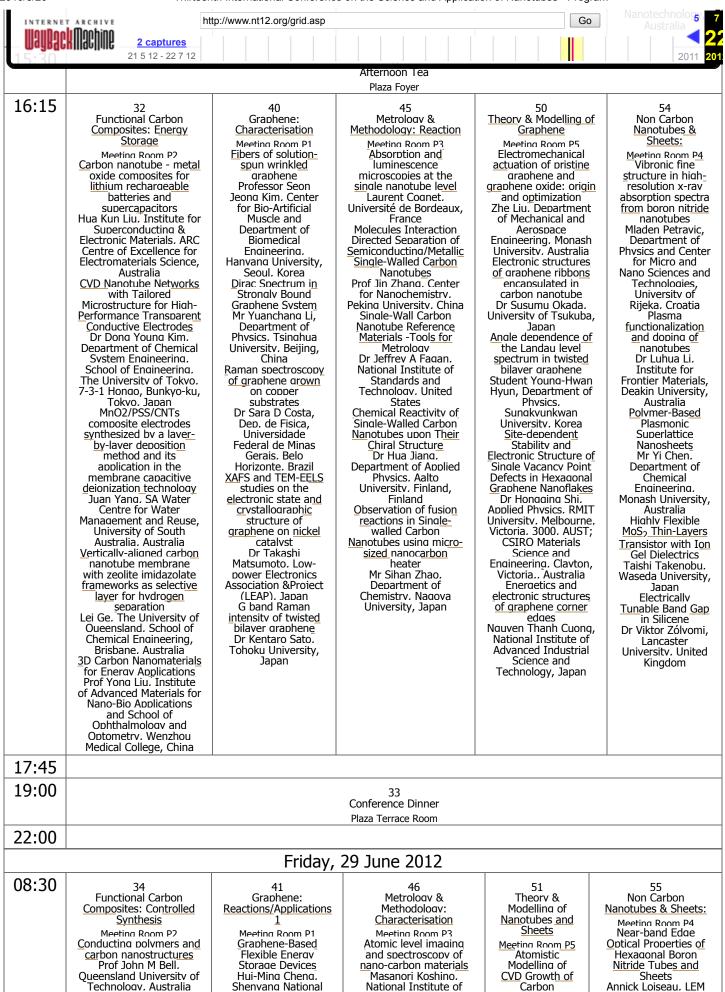
Hona Kona Polytechnic University, Hona Kona Atomic simulation of perfect single walled carbon nanotubes (SWCNT) Mr Ziwei Xu. TC. Hong Kona Polvtechnic Universitv. Huna Hom, Hong Kona. Hong Kona Theoretical Analysis on Influence of Defects on AC Transport in Metallic Single-Walled Carbon Nanotubes Mr Daisuke Hirai, Department of Materials Engineering, The University of Tokvo. Japan Controlling the Electrical Behavior of Semiconductina Carbon Nanotubes via Tube Contact Professor Helio Chacham. Universidade Federal de Minas Gerais. Brazil Towards experimental measurement of anomalous dispersion forces between metallic nanotubes or nanowires Prof John F Dobson. Queensland Micro and Nano Technology Centre, Griffith University. Australia Charged Nitrogen Doped CNTs for CO₂ capture Yan Jiao. School of Chemical Engineering, the University of Queensland: Centre for Computational

Molecular Science

(CCMS), Australia

in water Prof Yoke Khin Yap, Michigan Technological University, United States Thin Boron Nitride Nanotubes with Exceptionally High Strenath and Touahness Dr Yang Huang, School of Mechanical and Minina Enaineerina. University of Queensland, Australia
Fusion of "Black"
and "White"
Graphenes: A Composite Two Dimensional BN-C Nanomaterial Dr Amir Pakdel. National Institute for Materials Science (NIMS), Japan Controlled synthesis of hexagonal boron nitride films on copper foil via low pressure chemical vapor deposition Dr Tena Gao, Center for nanochemistry, College of Chemistry and Molecular Engineering, Peking University, China Dynamic negative compressibility of few-laver graphene, h-BN and MoS2 Professor Helio Chacham. Universidade Federal de Minas Gerais. Brazil Colloidal Semiconductor Nanowires Zhen Li. ARC Centre of Excellence for Functional Nanomaterials. Australian Institute

for Bioenaineering and



Advanced Industrial

Science and Technology

(AIST), Japan

Pattern of fragmentation

and generation of

Nanotubes and

Graphene

Dr James A

Elliott, University

Laboratory for

Materials Science.

Institute of Metal

Research, Chinese

Micro-patternable carbon

nanotube-copper

composite, exceeding

current density tolerance

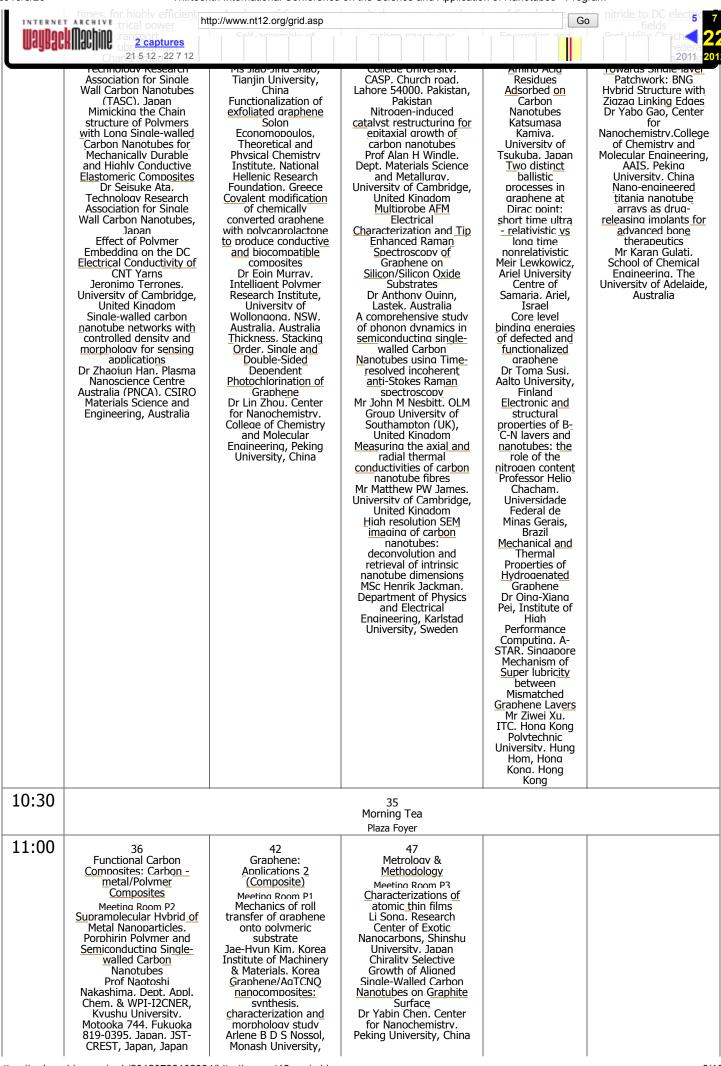
of metals by over 100

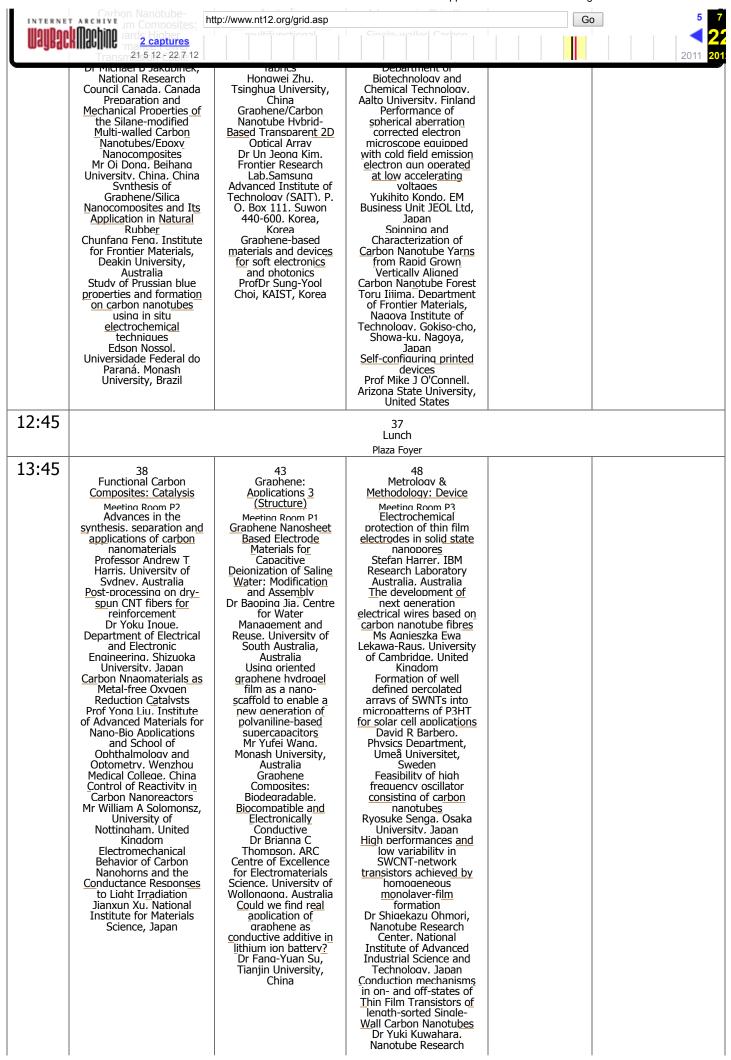
ONERA/CNRS, France

Anomalous response

of supported few-layer

hexagonal boron





2016/8/20 Thirteenth International Conference of

Thirteenth International Conference on the Science and Application of Nanotubes - Program

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