

Millie and NT conferences



Millie is a major figure of NT conferences and its constant support since 1999



Millie in four key words: research, sharing, mentoring, training

Millie and NT conferences



INTERNATIONAL WORKSHOP ON THE
SCIENCE & APPLICATION
OF NANOTUBES

East Lansing, Michigan, USA
July 24-27, 1999

Organizers:
David Tománek
Michigan State University
Richard J. Enbody
Michigan State University

Purpose:
Nanotube Technology:
The Present and the Future
An open discussion forum including
Physicists, Chemists, Engineers involved
in Nanotube Research

Location:
The workshop will take place at the
East Lansing Marriott at University Place.

Registration:
Electronic registration linked to
Workshop Web URL
<http://www.pa.msu.edu/conf/nt99/>
Registration fee: \$120.

Correspondence and Information:
Email: nt99@pa.msu.edu
Fax: 517-353-4500
Phone: 517-353-5180

Invited Speakers Include:
Phaedon Avouris, *IBM*
Jerzy Bernholc, *NCSU*
Patrick Bernier, *Univ. Montpellier*
Jean-Christophe Charlier, *Univ. Louvain*
Walt De Heer, *Georgia Tech* *
Cees Dekker, *TU Delft*
Mildred and Gene Dresselhaus, *M.I.T.*
Peter Eklund, *Kentucky*
John E. Fischer, *Pennsylvania*
Laszlo Forro, *EPFL*
Jisoon Ihm, *Seoul*
Sumio Iijima, *NEC*
Philippe Lambin, *Univ. Namur*
Charles Lieber, *Harvard*
Annick Loiseau, *ONERA*
Steven G. Louie, *Berkeley* *
Eugene Mele, *Pennsylvania*
Susumu Saito, *Tokyo*
Richard E. Smalley, *Rice* *
Gary G. Tibbetts, *GM*
Alex Zettl, *Berkeley*

* Not yet confirmed

Virtual Workshop/Discussion Forum:
<http://www.pa.msu.edu/cmp/csc/NANOTUBE-99/nt99-virtual.html>

Poster of NT99 in East Lansing

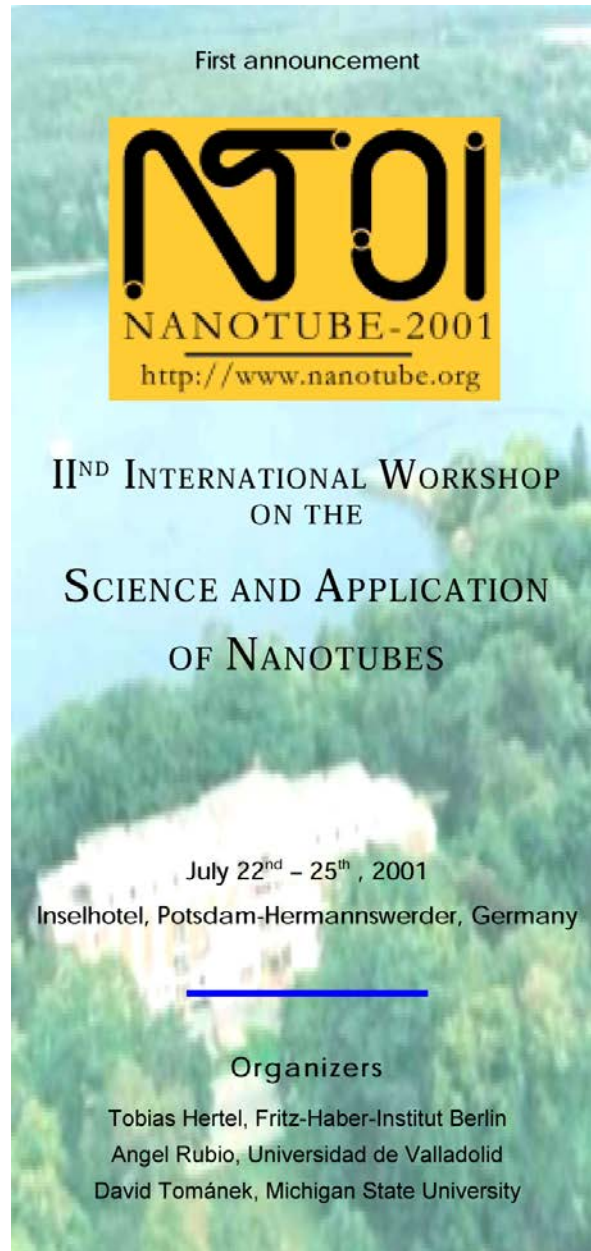
First NT Conference in 1999 in
East Lansing organized by D. Tomanek



- Focus on Basic Science and cutting edge applications of nanotubes
- Content:
 - a few invited talks selected by an Advisory Board
 - extended focused poster sessions animated and reviewed by 2 moderators
- Millie was playing the major role in the advisory board and discussions of the poster sessions:
 - vivid discussions on the helicities of arc discharge and laser made nanotubes
 - strategic discussions for deciding the value of γ_0 term in tight binding modeling

The second NT conference in 2001

3




Organized in Potsdam close to Berlin by Tobias Hertel with the same format



The second NT conference in 2001

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First announcement



NANOTUBE-2001
<http://www.nanotube.org>

IIND INTERNATIONAL WORKSHOP
ON THE
SCIENCE AND APPLICATION
OF NANOTUBES

July 22nd – 25th, 2001
Inselhotel, Potsdam-Hermannswerder, Germany

Organizers

Tobias Hertel, Fritz-Haber-Institut Berlin
Angel Rubio, Universidad de Valladolid
David Tománek, Michigan State University



A poster of Millie at NT01...
on Raman spectroscopy!

NT02 in Boston in 2002

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**Nanotube
2002**



NT02

General Information
Exhibitor Information
Program
Important Dates
Registration
Abstract Submission
Location/Directions

International Conference on the Science and Application of Nanotubes

Boston College (USA)

July 6-11, 2002

- The updated conference schedule is posted [HERE](#)
- Unable to attend? Purchase the executive summary [HERE](#)

Organizers:

- Krzysztof Kempa ([Boston College](#))
kempa@bc.edu
- Zhifeng Ren ([Boston College](#))
renzh@bc.edu
- David Tomanek ([Michigan State University](#))
tomanek@pa.msu.edu
- Michael Sennett ([U.S. Army Natick Soldier Systems Center](#))
Michael.Sennett@natick.army.mil

Advisory Board:

- Mildred Dresselhaus (M.I.T.)
- Peter Eklund (Penn State U.)
- David Luzzi (U. Penn)
- Steven Louie (UC Berkeley)
- Annick Loiseau (ONERA, France)
- Mauricio Terrones (IPICYT, Mexico and U. Sussex, UK)
- Masako Yudasaka (N.E.C. Japan)

Keynote Speakers (alphabetical):

- Phaedon Avouris (I.B.M.)
- Christian Colliex (U. Paris-Sud)
- Mildred Dresselhaus (M.I.T.)
- Morinobu Endo (Shinshu U., Japan)
- Charles Lieber (Harvard U.)
- Richard E. Smalley (Rice U.)



NT05 in 2005: a new format in run...

.... and new roles for Millie

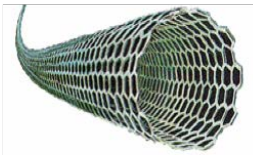
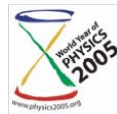


- Member of the newly introduced NT steering committee together with D. Tomanek, A. Loiseau, M & H. Terrones, E. Campbell, M. Yudasaka, M. Pimenta (> 2007), T. Heinz
- Tutorial on Raman scattering
- Concluding remarks: THE summary talk

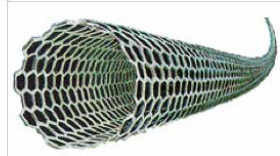
NT05 Tutorial:
Raman Scattering in Carbon Nanotubes

Carbon Nanotubes

Mildred Dresselhaus
MIT
June 26, 2005



Collaborators:
G. Dresselhaus, MIT
G. Samsonidze, MIT
G. Chou, MIT
H. Son, MIT



Collaborators:
A. Jorio, Brazil
M.A. Pimenta, Brazil
A. Souza Filho, Brazil
J. Jiang, Japan
R. Saito, Japan

Tutorial at NT05



NT05: Sixth International Conference on the
Science and Application of Nanotubes
Göteborg, Sweden
June 26 - July 1, 2005
<http://nanotube.msu.edu/nt05/>



CR Mildred Dresselhaus Friday, July 1

Concluding Remarks

Comment: pdf file of this talk can be loaded on the web site

Summary talk at NT05

Millie and NT summary talks

CR Mildred Dresselhaus Friday, July 1

Concluding Remarks

Comment: pdf file of this talk can be loaded on the web site

Outline

A.Jorio, M. Terrones & M.S. Dresselhaus

- What we learned at NT06
- Achievements and Trends
- Challenges & Future Work



NT06

NT05

Talk at NT08



NT15



talk at NT14

NT14

NT08

Outline

Jean Christophe Charlier
Ado Jorio
E. Flahaut
Jing Kong
Mario Hofmann
Mildred S. Dresselhaus

- What we learned at NT08;
- Achievements and Trends
- Reports from satellite meetings
- Challenges & Future Work



"Advanced Topics in the Synthesis, Structure,
Properties and Applications of Carbon Nanotubes",
by A. Jorio, M.S. Dresselhaus & G. Dresselhaus

NT07



Talk at NT11



talk at NT13

NT13



Conference Summary for NT 15

M. S. Dresselhaus, MIT
Nagoya, Japan July 3, 2015

NT08



NT10

available on the NT web site

<http://www.photon.t.u-tokyo.ac.jp/nt/>

NT09

writing notes

Millie @ Steering Committee

Member of the Steering Committee from 2004 to 2017
Long-standing interaction with Millie

Millie was for me :

- Mentoring NT conferences with generosity, open mind bringing people together
- always receptive
- ready to work
- strong advocate for womens in Science
- constant support to students and young scientists

We ~~have~~ invited Mary Chan to the board meeting for presenting us the Singapore project. Singapore has a great expertise in organizing international conferences and ~~the~~ ^{an} appropriate infrastructure. The NT12 project will have the support from Companies, Government and tourism promotion. Mary Chan attended several NT conferences and is ~~aware of~~ ^{an} what the conference should be. However, some points need to be clarified:

- ~~the~~ fees and cheap accommodation facilities: Singapore is an expensive city, although food is very cheap, and we got only poor information on the possible budget
- the exact location of the conference: the convention center is a possible location but no information was given on the costs.
- the exact composition of the organization committee should be clarified. In the project, Mary presented 5 local persons + 5 collaborating persons in the US

We decided that Annick will ask ~~about this~~ ^{about this} additional information~~s~~ to Mary Chan, which will be transmitted to David and the steering for the decision. At this level, ~~we~~ ^{we} cannot ~~be~~ ^{we} excluded ~~to~~ ask ~~to~~ South Korea about their willingness to organize NT12.

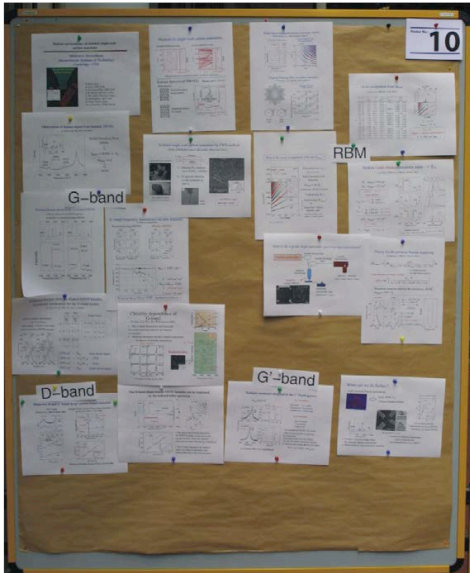
2) Feedback from NT10

- tutorials : ~~There~~ ^{They} were this year in parallel to the satellite meetings, which has been a source of frustration for the attendees. This will be not the case in 2011 since tutorials will be before the main conference and ~~satellite~~ ^{the} ~~after~~ ^{will be later}. Any way, in the future, it will be preferable to schedule the satellites for 1,5 days followed by 0,5 day devoted to tutorials. // I myself believe ~~tutorials should come first because they help newcomers get into the conference.~~
- satellites : The four satellites have attracted ~~400~~ ^{number} attendees ~~to~~ ^{from} the 600 persons present at the main conference. MSIN has attracted the largest ~~no~~ ^{number} of persons, and CNBMT10 the ~~low~~ ^{least}. This year their organization has been fully integrated with that of the main conference, ~~common~~ ^{with a new course}

Corrections of my NT reports with her beautiful handwriting

Millie and poster sessions

Strong advocate for long and vivid poster session and discussions with students



A poster of Millie at NT01



Poster at NT13



Poster at NT13



Discussion at NT13

Our tribute to Millie

For honoring Prof. Millie Dresselhaus contribution to NT conferences, NT steering committee has decided to name poster awards to be delivered for the best poster of each poster session

'Millie Dresselhaus NT17 Poster Award'.

'We hope that this will be a source of stimulation and encouragement for all the young researchers who will present their results at NT conferences, in the continuation of the support and inspiration that Millie has constantly brought to students and young scientists'

