

The Emerging Technology Investment Forum 2008

January 24, 2008

In conjunction with **Professional Certificate in Nanotech & Clean Tech**
January 23-25, 2008

IANANO Corporate Headquarters:
1290 Parkmoor Avenue, San Jose, CA 95126



Featured Speakers



Fred Aslan
Vice President
Venrock



Alexei Andreev
Executive Vice President
Managing Director
Harris & Harris Group



Andrew Wahl
Managing Director
IG Partners



Sam Bhaumik
Senior Managing Director
Group Head of Technology
Hercules Technology
Growth Capital



Ford Tamer
Operating Partner
Khosla Ventures



Kathy Conte
Managing Director
Technology Officer
Hercules Technology
Growth Capital



Bill Rodoni
Managing Director
Revolution Partners



Matt Horton
Partner
@ Ventures



Rich Helfrich
Managing Director
Alameda Capital



Jackie Crespo
Partner
New Energy Finance

www.ianano.org



International Association
of Nanotechnology



AGENDA

(Draft- subject to changes)

Professional Training Program in Nanotech & Clean Tech Emerging Tech Investment Forum

Wednesday January 23, 2008

Training Workshops

7:30 AM - 8:30 AM	Conference Registration - Breakfast
8:30 AM - 6:00 PM	Professional Certificates in Nanotech & Clean Tech
	Track BE: Business Re-Engineering
	Track TT: Train the Trainer
8:30 AM - 10:00 AM	Joint Track BE & TT: Introduction to Nanotech and Clean Tech Lloyd Tran , President, IANANO & Director, Clean Tech Institute Guest speaker: Jim Rynne , Vice President, NOVELX
10:15 AM - 12:00 PM	Joint Track BE & TT: Photovoltaic Technology & Solar Energy Business Opportunities Lloyd Tran , President, IANANO & Director, Clean Tech Institute Guest Speaker: Heidi L. Eisips , Director, Korala Consulting
12:00 PM - 1:30 PM	Working Lunch: How to prepare and present a winning Business Proposal
1:30 PM - 2:30 PM	Joint Track BE & TT: Environmental Health & Safety Clean Tech Law and Regulations Jeff Wong , Deputy Director, Toxic Control Department, California Environmental Protection Agency
2:30 PM - 4:00 PM	2 Concurrent sessions: Track BE: Nanotech 220BE: Essentials of Patent & Intellectual Property Joel Ackerman , Of-Counsel, Townsend & Townsend
2:30 PM - 4:00 PM	Track TT: Thin Film Technology & Applications Zhen Guo , Research Scientist, INTEL Corporation
4:00 PM - 4:15 PM	Afternoon break
4:15 PM - 5:45 PM	2 Concurrent sessions: Track BE: Financing a start-up high tech company Andrew Wahl , Managing Director, IG Partners
4:15 PM - 5:45 PM	Track TT: Micro-Nano Fabrication & Applications M. Rahman , Professor, Santa Clara University

Thursday January 24, 2008

Emerging Tech Investment Forum

8:00 AM - 2:00 PM	Registration
8:00 AM - 8:45 AM	Breakfast
8:45 AM - 9:00 PM	Welcoming Remarks from Lloyd Tran , President, IANANO & Director, Clean Tech Institute
9:00 AM - 10:30 AM	Venture Capital List Panel Discussion
	Ford Tamer Operating Partner Khosla Ventures
	Alexei Andreev Executive Vice President Managing Director Harris & Harris Group
	Fred Aslan Vice President Venrock
	Kathy Conte Managing Director Technology Officer Hercules Technology Growth Capital
	Andrew Wahl Managing Director IG Partners
10:30 AM - 10:45 AM	Morning breaks
10:45 AM - 12:15 AM	Track A: PRESENTING COMPANIES
10:45 AM - 11:00 AM	Healionics Corporation
11:00 AM - 11:15 AM	Intradigm Corporation
11:15 AM - 11:30 AM	AMS Inc
11:30 AM - 11:45 PM	Charisela
11:45 AM - 12:00 PM	Roshan Technology
12:00 PM - 12:15 PM	NanoVector
12:00PM - 1:30 PM	Lunch
1:30 PM - 3:00 PM	Venture Capital List Panel Discussion
	Sam Bhaumik Senior Managing Director Group Head of Technology Hercules Technology Growth Capital
	Bill Rodoni Managing Director Revolution Partners
	Matt Horton Principal @ Ventures
	Jackie Crespo Partner New Energy Finance
	Rich Helfrich Managing Director Alameda Capital

3:00 PM - 3:30 PM	Afternoon Breaks
3:30 PM - 5:30 PM	PRESENTING COMPANIES
3:30 PM - 3:45 PM	Eaton Corporation
3:45 PM - 4:00 PM	EV Inotech, Inc
4:00 PM - 4:15 PM	Blue Earth Energy Systems Inc.
4:15 PM - 4:30 PM	ePower Synergies
4:30 PM - 4:45 PM	Quantum Intelligence
4:45 PM - 5:00 PM	Redwood Renewables
5:00 PM - 5:15 PM	LHR Enterprises Inc
5:15 PM - 5:30 PM	Zee Dynamics
5:30 PM - 6:30 PM	Reception

Friday January 25, 2008

Training Workshops

7:30 AM - 12:00 PM	Registration
7:30 AM - 8:30 AM	Breakfast
8:30 AM - 10:00 AM	Track TT: Nanobiotech & Bio-energy Lloyd L. Tran President, IANANO & Director, Clean Tech Institute
10:00 AM - 10:30 AM	Morning breaks
10:30 AM - 12:00 PM	Track TT: Nanomaterials Characterization Geetha R Dholakia , Research Scientist Advanced Aerospace Materials and Devices ELORET, NASA Ames Research Center
12:00 PM - 2:00 PM	Lunch your own and travel to Stanford University
2:00 PM - 4:30 PM	FIELD TRIP to STANFORD UNIVERSITY: How to Use AFM and SEM for Nanoscale Characterization A introduction - a hand-on workshop at the Nano Characterization Laboratory- Stanford University
5:30 PM - 6:00 PM	Training Program concludes



**INTERNATIONAL
ASSOCIATION OF
NANOTECHNOLOGY**

We are a nonprofit organization with the goals to foster scientific research and business development in the areas of Nanotechnology and Clean Tech for the benefit of society.

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Eaton

Is the recognized leader in the introduction and commercialization of Hybrid Power for commercial vehicles.

<http://www.eaton.com>



Healionics

Is a biomaterials company which partners with medical device manufacturers to enhance the biocompatibility and performance of current and next generation devices. We have developed a strong relationship with the University of Washington (a highly respected tissue engineering school) and have obtained exclusive license to breakthrough technologies in biocompatibility. These technologies were created over a 9-year period at University of Washington Engineered Biomaterials group (UWEB), a US National Science Foundation Engineering Research Center

<http://www.healionicscorp.com>



Intradigm is involved in the discovery and development of siRNA therapeutics based upon its proprietary RNAi Nanoplex™ delivery system, a powerful combination of advanced delivery technologies. This platform is unique in its ability to offer (i) tissue specific targeting of siRNA (ii) intracellular delivery and (iii) systemic administration of the drug product. Intradigm believes that this technology is one of the most versatile siRNA systemic delivery systems currently in development.

<http://www.intradigm.com/>



Redwood Renewables (Redwood)

Has a disruptive technology in solar roofing and recycling, lowering the cost of a solar roof by 50%. This will move the residential market over the tipping point, making a zero-energy home possible, affordable and desirable.

With patented advantages in process, yield and design, Redwood develops clean, inexpensive and practically invisible solar cells integrated into roofing tiles while slashing greenhouse gas (GHG) emissions and pollution.

<http://www.redwoodrenewables.com>



ePower Synergies, Inc.

Is a preeminent designer, developer, and manager of transportation systems for sustainable eCommunities. The company works directly with users to establish and understand needs and then creates the links with OEM's (Original Equipment Manufacturers) to deliver solutions for these needs. ePower is one of the first companies to integrate transportation systems analysis, design, and vehicle deployment into one turn-key, off-the-shelf package for the specific purpose of aiding builders of master planned communities with their transportation solutions.

<http://www.epowersynergies.com>



Advanced Material Sciences, Inc. (AMS)

Advanced Material Sciences, Inc. (AMS) is a nano materials solutions company. AMS provides consumable carrier systems that enables high volume manufacture of brittle substrates. Specific application areas include solar and semiconductor device manufacturing. The company is partnering with corporate strategics in major application areas.

<http://www.advmatsci.com>



Blue Earth Energy Systems, Inc. (BEES)

Is a Clean Tech R&D stage company developing heat pump technology with a wide range of applications. Blue Earth Energy Systems, Inc. has developed a technology suitable for large-scale air conditioning and refrigeration plants that draws just 13% of the power of a conventional cooling plant.

<http://www.blueearthenergy.com>



Quantum Intelligence, Inc. - Cascade Clean Energy

Serves wastewater treatment operations for the Navy, the food processing industry and wastewater treatment plants. CCES is able to choose smart microorganisms to utilize microbial fuel cell (MFC) and biohydrogen production to recover energy from wastewater, providing an effective and sustainable method to offset wastewater treatment costs, while at the same time making wastewater cleaner. This represents a \$10 billion market in the U.S. alone and \$20 billion in the global market.

<http://www.ccleanenergy.com>



Charisela Technologies

Is a start-up company that develops and manufactures reagent consumables for detection of proteins and nucleic acids, as well as cellular analysis for use in instrumentation of various manufacturers.

<http://www.charisela.com>

Zee Dynamics

Zee Dynamics Inc.

Is an early-stage company based in California that will provide synthetic rubber and rubber plastic compounding to be used in multiple market applications world-wide.
Phone: 408-866-1220

Roshan Technology

LHR Enterprises



NanoVector

Is a formation stage targeted therapeutic drug company commercializing a unique plant virus nanoparticle drug delivery system developed by two North Carolina State University Professors. The basic rationale is that the ability to selectively deliver the therapeutic agents selectively to cells results in higher efficacy, lower effective dose, and fewer unpleasant side effects.

Phone: 919-878-8464

PROFESSIONAL CERTIFICATE IN NANNOTECH & CLEAN TECH

Business Re-Engineering in Nanotech & Clean Tech

(January 23-24, 2008)

The Certificate Program includes the following workshops:

Workshop 1 : Introduction to Nanotech & Clean Tech

(January 23, 2008, 8:30 AM-10:00 AM)

Lloyd L. Tran, President, IANANO & Director, Clean Tech Institute

Workshop 2 : Photovoltaic Technology & Solar Energy Business Opportunities

(January 23, 2008, 10:30 AM-12:00 PM)

Lloyd L. Tran, President, IANANO & Director, Clean Tech Institute

Workshop 3: Environmental Implications & Clean Tech Laws

(January 23, 2008, 1:30 PM-2:30 PM)

Jeff Wong - Deputy Director, Toxic Control Department, California Environmental Protection Agency

Workshop 4 : Intellectual Property Landscape in Nanotech & Clean Tech

(January 23, 2008, 2:30 PM-4:00 PM)

Joel Ackerman, Of-Counsel, Townsend & Townsend

Workshop 5: Financing an Emerging Growth Company

(January 23, 2008, 4:15 PM-5:45 PM)

Andrew Wahl, Managing Director, IG Partners

Workshop 6: How to Develop and Presenting a Winning Business Proposal

(January 23, 2008, 12:30 PM-1:30PM)

Workshop 7: Special Project- Participating in the Emerging Tech Investment Forum

(January 24, 2008, 9:00 AM-5:00 PM)

“Traing the Trainer” in Nanotech & Clean Tech

(January 23-25, 2008)

Workshop 1 : Introduction to Nanotech & Clean Tech

(January 23, 2008, 8:30 AM-10:00 AM)

Lloyd L. Tran, President, IANANO & Director, Clean Tech Institute

Workshop 2 : Photovoltaic Technology & Solar Energy Business Opportunities

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Jeff Wong - Deputy Director, Toxic Control Department, California Environmental Protection Agency

Workshop 4 : Thin Film Technology & Applications

(January 23, 2008, 2:30 PM-4:00 PM)

Zhen Guo, Research Scientist, INTEL Corporation

Workshop 6 : Micro-Nano Fabrication & Applications

(January 23, 2008, 4:15 PM-5:45 PM)

Workshop 5: Nanobiotechnology & Bioenergy

(January 25, 2008, 8:30 AM-10:00 AM)

Lloyd L. Tran, President, IANANO & Director, Clean Tech Institute

Workshop 7: Nanomaterials Characterization

(January 25, 2008, 10:30 AM-12:00 PM)

Geetha R Dholakia, Research Scientist

Advanced Aerospace Materials and Devices, ELORET, NASA Ames Research Center

Workshop 8: How to Develop and Presenting a Winning Business Proposal

(January 23, 2008, 12:30 PM-1:30 PM)

Workshop 9: Special Project- Participating in the Emerging Tech Investment Forum

(January 24, 2008, 9:00 AM-5:00 PM)

Workshop 10: How to Use AFM and SEM for Nanoscale Characterization - A introduction

(January 25, 2008, 2:00 PM- 4:30 PM)

a tour to visit Stanford University Laboratory

Robert Sinclair, Professor & Director

Nano Characterization Laboratory- Stanford University



CALIFORNIA INSTITUTE OF NANOTECHNOLOGY

The California Institute of Nanotechnology's mission is to conduct research and development and provide professional education and training in the frontier of nanotechnology to meet the needs of the emerging industry for the benefit of the society. The California Institute of Nanotechnology conducts advanced & applied research in nanotechnology to help solve major problems facing mankind such as diseases, shortage of energy and global environmental issues.

For more information, please visit our web site:
<http://www.cinano.com>

CLEAN TECH INSTITUTE

Clean Tech Institute is a part of the International Association of Nanotechnology. We provide expert management consulting services on strategic planning, corporate development, business positioning, and capital funding assistance in the emerging clean tech industry. The Institute provides workforce training as well as facilitating the deployment and use of clean tech solutions by business, government, universities and other institutions.

Key areas of focus:

- Corporate environmental strategy
- Business re-engineering and acceleration
- Research and product development planning
- Product and marketing positioning
- Workforce education and training
- Facilitating and managing the Clean Consortium



For more information, please contact:

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