

# 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

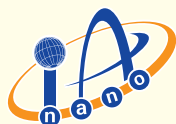


**Rich Helfrich**  
Managing Director  
Alameda Capital



**Jackie Crespo**  
Partner  
New Energy Finance

[www.ianano.org](http://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
- 2 Concurrent sessions:*  
4:15 PM - 5:45 PM 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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http://www.ianano.org



#### **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>

## **EV Inotech Inc.**

#### **EV Inotech Inc (EVII)**

Is developing a new Zero Emission Electric Vehicle (ZEEV) that combines a patented innovative high torque Slim Power Wheel Motor (SPWM) with a new 'green power battery' product, that is totally recyclable and environmentally friendly. This ZEEV is projected to be capable of a driving range over 250 miles per single charge and the retail consumer price is anticipated to be under \$25,000. For more information. Please email to [info@evinotech.com](mailto:info@evinotech.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>

#### **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>



#### **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>



#### **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**

#### **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



## **LHR Enterprises**

## 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)

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### “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

(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

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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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