Engineering Research and Development for Technology
Human Resource Development
Visiting Professors Program

Official List of ERDT Visiting Professors from 2008 to 2013

2013

Dr. Jongsoo Jeong
Waseda University
March 16-25, 2013
Smart Environment and Energy utilizing sustainable energy sources
Host: Dr. Menandro Berana, Department of Mechanical Engineering, UP Diliman

Dr. Kiyoshi Saito
Waseda University
March 16-25, 2013
Smart Environment and Energy utilizing sustainable energy sources
Host: Dr. Menandro Berana, Department of Mechanical Engineering, UP Diliman

Dr. Donald Huisingh
University of Tennessee
August 7-20, 2013
Cleaner Production
Host: Dr. Anthony Chiu, Industrial Engineering Department, De La Salle University

Dr. Santiago J. Garcia
Delft University of Technology
March 22-31, 2013
Self-healing materials and anti-corrosive coatings
Host: Dr. Analiza Rollon, Department of Chemical Engineering, UP Diliman

Dr. Gary Wnek
June 09-15, 2013
Case Western Reserve University
Innovation Engineering
Host: Dr. Augustus C. Resurreccion, ERDT-UP Diliman

Dr. Martin Isenburg
University of North Carolina
May 26, 2013- June 02,013
LIDAR Data Processing data using LASTools fpr remote ensing specialists for application of LIDAR Data
Host: Dr. Ariel C. Blanco, Department of Geodetic Engineering, UP Diliman

Dr. Gerhard Deuck
University of New Brunswick
September 10-27, 2013
Reversible Computing
Host: Dr. Adrian Valdez, Department of Computer Science, UP Diliman

Dr. Emmanuel Manlapig

University of Queensland
October 13-20, 2013
Geometetallurgical Characterization of One Deposit for Effective Mine and Mill Design and Environmental Management
Host: Dr. Leslie Joy L. Diaz, Department of Mining Metallurgical and Materials Engineering, UP Diliman

Prof. Shimon Nof

Prism Center, Purdue University
November 26 – December 7, 2013
Sustainability and Resilience in Supply Networks
Hosts: Dr. Aura Matias, Department of Industrial Engineering, UP Diliman
Dr. Anthony Chiu, Department of Industrial Engineering, De La Salle University

Dr. Mitsuo Gen

Ashikaga Institute of Technology
November 26 – December 7, 2013
Advances in Hybrid Evolutionary Algoriths for Manufacturing and Logistics Optimization
Hosts: Dr. Aura Matias, Industrial Engineering Department, UP Diliman
Dr. Anthony Chiu, Industrial Engineering Department, De La Salle University

Dr. Toshifumi Igarashi

Sustainable Resources Division, Hokkaido University
Groundwater Flow and Contaminant Transport in near Mining Sites
Countermeasures against Groundwater and Soil Pollution
December 09-15, 2013
Host: Dr. Augustus C. Resurreccion, Institute of Civil Engineering, UP Diliman

2012

Dr. Taesik Kim

Keimyung University, South Korea
January 11 - 20, 2012
Artificial Intelligence and Game Design

Dr. Ken Nagasaka

University of Agriculture and Technology, Japan
February 5 - 12, 2012
Signal processing and design automation

Dr. Joseph Beck

Worcester Polytechnic Institute
May 23 - 31, 2012
Thrashing: Failure of Student to learn Material in a timely manner & WEBsistments: Integrating procedural practice and web-based content

Dr. Jeffrey Rimer

University of Houston
August 5-12, 2012
Crystal Engineering

Dr. Paul Berger

Ohio State University
November 14 - 21, 2012
Organic Photovoltaic

Dr. Masato Saito
Saitama University
August 22 - 29, 2012
Foundations and Earthquake Engineering

Dr. Gary Yen
Oklahoma State University
November 12 - 21, 2012
Computational Intelligence applications

Dr. Takashi Oguchi
University of Tokyo
November 25 - December 02, 2012
Traffic Engineering

Dr. Yousif Ali Hussin
University of Twente ITC
November 18 - 25, 2012
Environmental RS and GIS to improve circular offerings. Advanced application of Geomatics to forrerst studies

2011

Dr. Robert King
Massachussetts Institute of Technology
November 26 - December 2, 2011
Global Positioning System Processing

Dr. Giuseppe Cavallaro
Nanyang Technical University
September 12 - 18, 2011
Workshop on ocean renewable energy

Dr. Alex Waibel
Carnegie Mellon University
September 14 - 17, 2011
English Language Proficiency Training

2010

Matthew Bristow
April 12 - May 19, 2010
Technology Entrepreneurship

Dr. Aliakbar Akbarzadeh
RMIT University, Melbourne, Australia
September 4 - 11, 2010
Heat Recovery Technology, Solar-Wind
Hybrid Technology &Renewable Energy"

Dr. Jan Rabaey
University of California – Berkeley, USA
September 5 - 12, 2010
Signal processing and design automation

Ryan Shaun Baker

Worcester Polytechnic Institute
February 27 - March 06, 2011
- Data mining of user interaction logs and user observations.
- Multi-dimensional Analysis of User-Machine Interactions towards the Development of Models of Effect (ERDT Project; a discussion with proponent)

Joseph Beck

February 27 – March 07, 2011
Worcester Polytechnic Institute
Intelligent Tutoring Systems, user modeling and artificial intelligent in education communities, educational data mining, computer application,

Arthur Graesser

February 27 - March 8, 2011
University of Memphis
cognitive science, discourse processing, and learning sciences

Christian G'Sell

Institute National Polytechnique de Lorraine, Ecole Nationale Superieure et de la Metallugie et de l'Industrie Miniere in Nancy, France
February 7 - March 5, 2011
Mechanical testing of solid glassy amorphous and pollycrystalline polymers, and plastic deformation of solid materials

Faithi Habashi

March 06 - 13, 2011
Laval University in Quebec City, Canada
Extractive metallurgy

Aruna Prasad Seneviratne

University of New South Wales
February 21 - 25, 2011
Mobile computing systems, networking research, and research commercialization

Eryk Dutkiewicz

Macquarie University Sydney Australia
April 07 - 20, 2011
Wireless Communication and Networks

Jong Soo Jeong

Waseda University
February 17 - March 01, 2011
Characteristic Analysis of Thermal System

Kiyoshi Saito

Waseda University
February 17 - March 01, 2011
Refrigeration and Air-conditioning

2009

Dr. Dejan Markovic

University of California, Los Angeles
March 17 - 24, 2009
Microelectronics

Matthew Bristow
April 14 - May 19, 2009
Technology Entrepreneurship

Dr. Patrice Boursier
University of La Rochelle, France
June 01 - Aug. 31, 2009
Advanced Databases and Content Based Image Retrieval

Dr. Tetsuo Yai
Tokyo Institute of Technology, Japan
July 26 - October 10, 2009
Highway & Railway Network Planning, Airport Planning & Aviation Policy Analysis, Air Traffic Control & Management, Bike Transport and Space Allocation Study, Intelligent Transportation System (ITS), Theory of Planning Process & Public Involvement in TRansportation.

Dr. Ian W. Douglas
Florida State University, USA
August 22 - September 20, 2009
Human Factors Engineering & Knowlegde Management

Dr. Aliakbar Akbarzadeh
RMIT University, Melbourne,Australia
September 12 - 19, 2009
Heat Recovery Technology, Solar-Wind Hybrid Technology &Renewable Energy

Yoshikazu Miyanaga
Hokkaido University, Japan
September 9 - 15, 2009
Voice Data Processing & Radio Communication Relation

Supavadee Aramvith
Chulalongkorn University, Thailand
September 9 - 15, 2009
Computer Vision Techniques in Surveillance Applications, Digital Video Coding & Processing, Transmissions of Digital Video over Wireless & IP Networks, Image/Video Retrieval Techniques and Applications in Multimedia Communication System

Dr. Joel L. Cuello
University of Arizona
July 18 - August 01, 2009
Bio systems Engineering focused on the application of engineering to cell/tissue/whole-organism cultures and their environments to achieve sustainable production of biomass, biofuels or biochemical.

Dr. Jun Chen
University of Wollongong (UOW), Australia
September 6 - 12, 2009
- Synthesis and Characterization of Carbon Nanotube based 3D Architectures
- Fuel Cell Applications including Cell Design and Catalytic Electrodes
- Preparation of Nanostructured Electro materials
- Electro catalysts and their application in electrochemical and Bionic Devices
- Energy Storage and Energy Conversion"

Dr. Shang-Tian Yang
Ohio State University
September 2 - 12, 2009
Design of bioreactors, ultrafiltration and biobutanol

Ralph Werner Lante
Aerial Photography and Topographic Unit, Northern Territory Government, Australia
November 11 – 24, 2009
Digital Photogrammetry

Dr. Eric Brewer
University of California Berkeley
January 3 - 12, 2010
Development of low-cost and robust computer

Dr. David Ian Bishop
University of Melbourne
February 13 - 27, 2010
Spatial Visualization, Spatial Databases, and Scripting and Programming in GIS

Dr. Chang-Ho Park
Kyung Hee University
February 1 – May 31, 2010
Development of Bioengineering in Graduate Program, Biochemical Engineering and Conceptualization of research projects on Biochemical

Dr. Nina Ossanna
University of Arizona
February 17 -24, 2010
Embedding Technology Development within the research institution

Dr. Joel L. Cuello
University of Arizona
February 17 -24, 2010
"Engineering Education in the 21st Century: Toward an Innovation Driven and Sustainability-Centered Engineering Design"

Gavriel Salvendy
Tsing-Hua University
February 12 - 24, 2010
Human Factors Engineering & Knowledge Management

Mustafizur Rahman
National University of Singapore
Feb. 18 – 24, 2010
- Design and Development of New Machine Tools for Micro Machining
- Ultra-precision Nano Machining
- Bio-machining
- Managing small Machine."

Shin-ya Nishizaki
Tokyo Institute of Technology, Japan
Aug. 26 - Sept. 09, 2010
- Logic Programming
- Symbolic Computation
- Computer Security
- Distributed Systems"

Dr. Joazeiro de Baker
Worcester Polytechnic Institute
April 04 - 11, 2010
-Data mining of user interaction logs and user observations.
-Multi - dimensional Analysis of User-Machine Interactions towards the Development of Models of Effect (ERDT Project; a discussion with proponent)"

2008

Dr. Jose B. Cruz, Jr.
The Ohio State University, USA
October 28 – December 16, 2008
Dynamic Optimization & Dynamic Game Theory with focus on Energy Applications

Prof. Kunio Ishikawa
Kyushu University, Fukuoka, Japan
February 5 - 14, 2009
Biomaterials

Dr. David Laurence
University of New South Wales, Australia
January 14 - 21, 2009
Environmental and Sustainable Mining Practices

Prof. Rigoberto C. Advincula
University of Houston, USA
December 15, 2008 - January 10, 2009
Biomaterials, Energy Conversion Devices and Solar Cells

Dr. Alexander Meduna
Brno University of Technology, Czech Republic
January 30 - February 28, 2009
Formal Languages Theory

Dr. Naohisa Okamoto
University of Tsukuba, Japan
February 8 - 17, 2009
Intelligent Transportation Systems & Recreational Transportation Planning

Dr. Kuniaki Sasaki
University of Yamanashi, Japan
February 26 - Mar 11, 2009
Cost Effectiveness of Travel survey for Urban Transportation Planning & Evaluation of Infrastructure Based on the Individual Behavior and Attitude

Dr. Fiorello B. Abenes
California Polytechnic State University, USA
January 12 - 28, 2009
Renewable energy technology, focusing on biomass ethanol production out of biomass wastes like rice straw; bagasse from corn, sugar cane and sorghum; as well as biodegradable municipal wates that are mixed with carabao rumen fluid.

Dr. Ken Kawamoto
Saitama University, Japan
January 19 - 25, 2009
Soil Environment

Dr. Toshiko Komatsu
Graduate Sschool of Science and Engineering of Saitama University
January 19 - 25, 2009
Soil Environment