

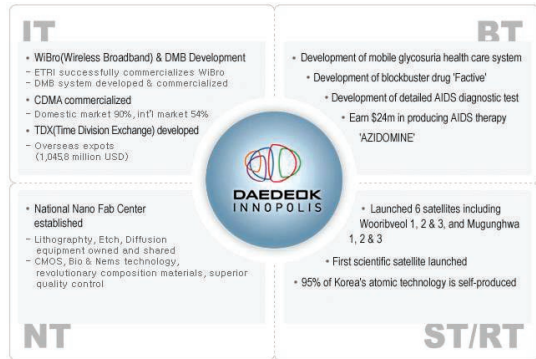
POST WORKSHOP TOUR

DAEDEOK INNOPOLIS, Korea



386-3, Doryong-dong,
Yuseong-gu, Daejeon,
305-340, Korea
www.ddinnopolis.or.kr
(T) +82 42 865 8800
(F) +82 42 865 8888

DAEDEOK INNOPOLIS is a place where people, technology, and nature harmoniously coexist as well as where business and research activities are conducted efficiently and conveniently. But much more than that, it's a world-class innovation cluster where creativity openly blossoms and breathes. DAEDEOK INNOPOLIS is now becoming the high-technology clusters where the applications of intellectual property based on R&D are made very actively. It is, also, the only place for highly educated workforce of R&D with 10% of Ph.Ds in entire Korea. It consists of the most convenient facilities for the technology commercialization of specialized industrial sectors like IT, BT and NT with the research institutes and universities together.



CHUNGNAM TECHNOPARK, Korea



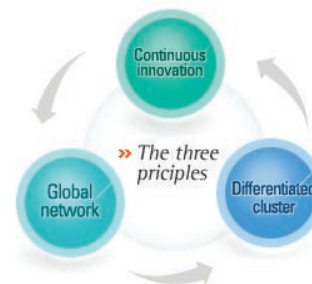
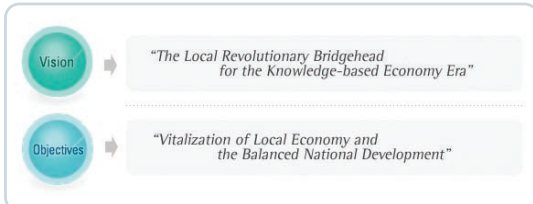
43-5 Sameun-ri
Jiksan-eup Cheonan-city,
Chungcheongnam-do,
Korea
www.ctp.or.kr
(T) +82 41 589 0600-0644
(F) +82 41 589 0629



PROPULSION TASK

The formation of cluster through the establishment of Regional Innovation System (RIS)
The maximization of synergy effect through networking among industry-academy community-research institute-government
Promotion of high tech business initiation and strengthening of technology innovation capability
Creation of technology-knowledge integrated venture business through innovation
Prioritized cultivation of local strategic and specific industry
Creation and fostering of competitive industry by the selection and focus

VISION and OBJECTIVES



World Technopolis Association

1420, Dunsan-dong, Seo-gu, Daejeon 302-789, KOREA
Phone +82 (42) 600-2292~3 Fax +82 (42) 471-2319
Homepage www.wtanet.org

2007 UNESCO-WTA International Training Workshop

DATE ✧

20th ~ 22nd (3 days) November 2007

VENUE ✧

Conference Hall(2nd Floor),
Daedeok INNOPOLIS, Daejeon,
Republic of KOREA





2007 UNESCO-WTA International Training Workshop

Towards Sustainable Growth of Science & Technology Park : Role of Technology Business Incubation

○ OBJECTIVES AND EXPECTED RESULT

The workshop objectives are: i) to upgrade the knowledge of managers or future managers of TBI on the TBI governance; ii) to establish an international network of TBIs.

The expected result of the Workshop is as follows:

- deepening of our understanding of issues and challenges on the technology business incubation around the world;
- exploration of practical solutions to promote the development of technology business incubation especially in developing countries;
- facilitation of face-to-face contacts, sharing of information and experiences, and establishment of a cooperative regional network among technology business incubation managers.

○ DATE & VENUE

- Date : 20th ~ 22nd (3 days) November 2007
- Venue : Conference Hall(2nd Floor), Daedeok INNOPOLIS, Daejeon, Republic of KOREA

*The detailed information will be provided through the webpages :
www.wtanet.org or www.ddinnopolis.or.kr*

○ LANGUAGE : The working language will be English.

No simultaneous translation will be provided in other languages.

Thus, invited workshop participants should have a good command of the English language in order to benefit from the training materials from this workshop.

MAIN PROGRAMS

1. Workshop Session (20th - 21st November)

- **Keynote Speech** : Prof. Yasuo Miyakawa (Professor Emeritus, Kyushu University, Japan)
- **14 Lectures in four sessions (session 1-4)** : presentations by invited lecturers
< Main Lecturers >
Prof. Deog-Seong Oh (Chungnam National University, Rep. of Korea)
Dr. Malcolm Parry (Surrey Research Park, UK)
Dr. Takao Kageyama (SME Support Center Kitakyushu Foundation)
Dr. Anita Gupta (Government of India, Dept. of Science & Technology, India)
- **Country Presentations (session 5)** : case presentations by participants from the region
- Mozambique, Nigeria, Zimbabwe, Kenya, Mexico, Peru, Egypt, China, Cambodia, Vietnam, Lao PDR, Nepal, Philippines, Maldives, Thailand, Uzbekistan, Indonesia, Jordan, Taiwan
- **Plenary Discussion** : Round table discussion on networking for incubation governance in Science & Technology Park

2. Post workshop Tour (22nd November)

- Daedeok INNOPOLIS <http://www.ddinnopolis.or.kr>
- Chungnam Techno Park <http://www.ctp.or.kr>
- Display Center, Tangjeoug, Asan, Chungnam.

3. Daily Schedule (20th - 22nd November)

Time	20 th Nov.(Tue)	21 st Nov.(Wed)	22 nd Nov.(Thu)
09:00 - 09:50	Registration	Session 3	
10:00 - 10:50	Opening Ceremony		
10:50 - 12:30	Keynote Speech	Session 4	
12:30 - 14:00	<i>Lunch</i>	<i>Lunch</i>	
14:00 - 15:40	Session 1	Session 5	Post Workshop Tour
15:40 - 16:00			
16:00 - 18:00	Session 2	Plenary Discussion	
18:00 - 18:30	Plenary Discussion	Closing Ceremony	
19:00 - 21:00	Welcoming Dinner	Workshop Dinner	

20 NOV. 2007

Time	Title	Speaker
09:30 - 09:50	Registration	
10:00 - 10:50	Opening Ceremony	
	Opening Address • President of the World Technopolis Association	Mayor Seoung Hyo Park
	Welcome Address • Representative, Director Science Policy and Sustainable development Division	Mr. Mustafa El Tayeb
	• The Secretary-General of the Korean National Commission for UNESCO	Dr. Samuel Lee
10:50 - 12:30	Keynote Speech	• CEO of Daedeok Innpolis
		• Chairperson of Asian Science Park Association (ASPA)
		Dr. Yasuo Miyakawa (Professor Emeritus of Kyushu University; KYUSHU RAILWAY COMPANY)



2007 UNESCO-WTA



Session _ 01 ➤ **Global challenges and perspective of technology business incubation in TP**

Moderator : John Nugent (Vice-President of WTA, Australia)

Time	Title	Speaker
14:00 - 15:40	Lecture 1-1 50min	Prof. Deog-Seong Oh (Chungnam National University, Rep. of Korea)
	Lecture 1-2 20min	Dr. Herbert Chen (Tsinghua Science Park, China)
	Lecture 1-3 20min	Dr. Eisaku Nishiyama (Tohoku Economic Federation, Japan)
15:40 - 16:00	Coffee Break	

Session _ 02 ➤ **Political framework of TP(Techno Park) governance focused on TBI, BI, Innovation Center**

Moderator : Prof. Miyakawa Yasuo (Professor Emeritus, Kyushu University, Japan)

16:00 - 18:00	Lecture 2-1 50min	Dr. Malcolm Parry (Surrey Research Park, UK)
	Lecture 2-2 20min	Prof. Sangryong Cha (Nagasaki Prefectural University, Japan)
	Lecture 2-3 20min	Prof. Byung-Su Kang (Chungnam National University, Rep. of Korea)
	Lecture 2-4 20min	Mr. Men-Feng Wu (Southern Taiwan Science Park Administration, Taiwan)
18:00 - 18:30	Plenary Discussion	Prof. Sung-Hyun Myaeng (Information & Communication University) Prof. Sun-Phil Kwon (Mokwon University)
19:00 - 21:00	Welcome Dinner	

21 NOV. 2007

Entrepreneurship development and Financial aspect technology business incubation in TP

Moderator : Byung-Joo Kang (Professor, Hannam University, Rep. of Korea)

Session _ 03 ❧

Time	Title	Speaker
09:00 - 10:40	Lecture 3-1 50min	Dr. Takao Kageyama (SME Support Center Kitakyushu Foundation)
	Lecture 3-2 20min	Prof. Hak-Min Kim (Chungnam Techno Park, Rep.of Korea)
	Lecture 3-3 20min	Mrs. Naowarat Ayawong (Thailand Science Park, Thailand)
	Lecture 3-4 20min	Mr. Taeku Lee (Daejeon Metropolitan City, Korea)
10:40 - 10:50	Coffee Break	

Session _ 04 ❧

Special Issues on technology business incubation in TP governance in developing countries (part 1)

Moderator : Deog-Seong Oh (Chungnam National University, Rep. of Korea)

10:50 - 12:30	Lecture 4-1 50min	Dr. Anita Gupta (Government of India, Dept. of Science & Technology, India)
	Lecture 4-2 20min	Dr. Shahazman Abu Samah (Technology Park Malaysia Corp., Malaysia)
	Lecture 4-3 20min	Dr. Muhammad El-Saadani (Mubarak City for Scientific Research and Technology, Egypt)
12:30 - 14:00	Lunch	

Session _ 05 ❧

Special Issues on technology business incubation in TP governance in developing countries (part 2)

Moderator : Deog-Seong Oh (WTA Secretary General), Yoslan Nur (UNESCO)

14:00 - 15:40	Country Presentations	Cases presentation by participants from Arab States, Asia-Pacific, Africa, and Latin America.
15:40 - 16:00	Coffee Break	
16:00 - 18:00	Plenary Discussion : Round table discussion on networking for incubation governance	Discussant Prof. Jong-Duk Kim (Korea Advanced Institute of Science and Technology) Prof. Sun G. Kim (Daejeon University) Prof. Jeong-Heum Kim (Korea University of Science and Technology)
18:00 - 18:30	Closing ceremony	Mr. Yoslan Nur
19:00 - 21:00	Workshop Dinner	

22 NOV. 2007

Post-Workshop Tour

Time	Programs
09:00 - 12:00	Technical Tour : Daedeok INNOPOLIS
12:00 - 14:00	Lunch
14:00 - 18:00	Technical Tour : Chungnam Techno Park Display Center, Tangjeoug, Asan, Chungnam.

WORKSHOP SESSION

Keynote Speaker



Dr. Miyakawa Yasuo
(Professor Emeritus,
Kyushu University;
Kyushu Railway Company)

Professor Yasuo Miyakawa was head Professor of the Division of Regional Science, Graduate School of Social and Cultural Studies at Kyushu University. In 1965, Professor Miyakawa completed a degree with the Faculty of Law at Tohoku University in Sendai, winning the Academy of Law award. He received his doctorate in geography from Tohoku University in 1977, and his thesis, "The Location Theory of Industry, and another volume, The Modern History of Toyota City", were published (in Japanese) that year. He was also external examiner for an doctoral thesis at Faculty of Economic, Gothenburg University. Professor Miyakawa is member of the International Geographers Union Commission on the International Division of Labor and Regional Development (1984-88), and the Commission on the Organization of Industrial Space (1989 to the present), as well as academic associations in Japan. He is now an audit of Human Geographers Association, and councilors of Economic Geographers Association and Japanese Association in Japan. Yasuo Miyakawa has worked closely with the Government of Japan, participating in planning projects with the Ministries of International Trade and Industry, Construction, Transportation, and Education, the Japan Lands Authority, Economic Planning Agency. **His most recent publications** in Japanese include two volumes of Mutation of Japan's Industry in the World (Taimeido, Tokyo, 1988, 1989), three volumes the Pacific Maritime Corridor for World Peace for Global Rejuvenation (Taimeido. 1997), and three volumes of Locus: Regional Renaissance and Civilization (Taimeido, 2002).

SESSION_01



Dr. Deog-Seong Oh
(Professor, Chungnam
National University)

1-1

Prof. Deog-Seong Oh is currently a professor of College of Engineering at Chungnam National University, Daejeon, Korea. He received a Master of Urban Planning in 1979 and a Master of Science in Architecture from Seoul National University, Korea in 1981. He got a Ph.D degree in Urban Planning from Hannover University, Germany in 1989. He was a research fellow of Institute of Urban Planing at University of Hannover from 1986 to 1988 and a visiting Professor at the University of Sheffield, UK from 1992 to 1993.

His recent research interests are on urban design and planning, on sustainable development, and on high technology based regional development. He has published about 200 papers at various international & national journals on urban planning, regional development, high-technology development. etc. In addition, he has written 9 books (main author)on Architecture, Urban Planning & Design, Regional Development and worked for several crucial projects of Regional development and Urban Planning like 'The Master Plan of Greenbelt on Daedeok Science Town', 'The Master Plan of Daejeon Science Industrial Park', 'Ecological & Cultural Planning Daedeok Techno-Valley', 'A Study on the Urban Regeneration Model based on Growth Management', 'Daejeon Regional Innovation Development Plan' etc.

Now, he is Secretary General of WTA(World Technopolis Association). He has involved in World Technopolis Association as a Chairman of the Academic Committee since 1997 and played a role as a coordinator of WTA international symposium(1996/1997/1998/1999/2000) and UNESCO-WTA workshop(2005/2006).

Contact : (T)+82 42 600 2293 (F)+82 42 471 2319 (E)ds_oh@cnu.ac



Dr. Herbert Chen
(Deputy Director of Tsinghua
Science Park)

1-2

Date of Birth: 1960 03 / Place of Birth: Beijing, P.R. China./ Nationality: Australian

Current Position & Job description

President, Asian Pacific Division, IASP
Deputy Director, Tsinghua Science Park Development Center
Deputy Director, Tsinghua University Science Park Co., Ltd
1. Daily operation of Tsinghua University Science Park Co., Ltd
2. Brand & propaganda Management
3. International Affairs

Education

B. Eng: 1979 1984 Tsinghua University, Beijing, P.R. China
M. Eng: 1991-1992 Asian Institute of Technology, Bangkok, Thailand

Work Experience

Deputy Director(2001-Now), Tsinghua University Science Park Co., Ltd, Beijing P. R. China
Senior Engineer(1996-2001), NEC Australia , Melbourne, Australia
Deputy Factory Manager(1992-1995), T.M. Group of Companies, Bangkok, Thailand
General Secretary of the Governor (1988-1990), The Government of the Shanxi Province, Shanxi, P. R. China
Lecturer (1984-1988), Tsinghua University, Beijing, China.

Contact : (T)+86 10 62 79 32 89 (D.L.) (F)+86 10 62 77 27 77 (E)chenhongbo@thsp.com.cn





Dr. Eisaku Nishiyama
(Tohoku Economic Federation, Japan)

1-3

Education

April 1984-March 1988, Tohoku Gakuin University(Department of Economics)
August 1990-May 1992, Graduate School, University of San Francisco(Master of Art in Economics)
April 2001-March 2004, Graduate School, Tohoku University(PhD in management)

Professional Experience

September 1992-Now, Tohoku Economic Federation
September 2005-March 2006, Special lecturer, Tohoku University
September 2006-Now, Part-time Lecturer, Tohoku Gakuin University
April 2006-Now, Member of Planning Committee for Journal of Industry-Academia-Government Collaboration, Japan Science and Technology Agency

Recent Publication

Nishiyama, Eisaku(2003), "A Study of Initiation and Development of the industrial Cluster, and the Regional Strategies," The Economic Society, Tohoku University Vol.65,No.2
Nishiyama.Eisaku(2004a), "The Roles of the influencer for the Formation and Development of High-tech Industrial Cluster," The Economic Society, Tohoku University Vol.65,No.3
Nishiyama.Eisaku(2004b), "The Roles of the influencer for the Formation and Development of High-tech Industrial Cluster in Sendai," The Economic Society, Tohoku University Vol.66,No.1
Nishiyama.Eisaku(2004c), "The accumulation of Social Capital for the Formation and Development of High-tech Industrial Cluster, History of Company and University Cooperation in Sendai Area," The Economic Society, Tohoku University Vol.66,No.1
Nishiyama.Eisaku(2004d), "The Third Phase of the Science and Technology Basic Plan as Viewed from a Local Standpoint," The Journal of Science Policy and Research Management Vol.19 No.1/2
Nishiyama.Eisaku(2006), "New technology Commercialization center of Tohoku for the Regional Innovation System,"The Japan Academic Society for Venture and entrepreneur

Contact : (T)+81 22 225 8561 (F)+81 22 262 7055 (E)tef-10@m1.bstream.jp <http://www.nc-t.jp/english/index.html>

SESSION_02



Dr. Malcolm Parry
(OBE BSc, Post Grad Cert Ed, PhD, M.Inst. Biol.)

2-1

Managing Director of the Surrey Research Park University of Surrey, UK

Dr Malcolm Parry trained as a scientist with his first degree, PhD and PGCE from The University of London. He joined The University of Surrey as a faculty member in 1977. He developed a very successful commercially funded research group over the period to 1983.

In 1981 he was invited by the then Vice Chancellor of the University to take secondment from his Department to manage the planning and development of The Surrey Research Park from its inception as a "green field site". He pulled together a team to start the project as well as raise loan finance to progress the project.

The Surrey Research Park is one of the most successful parks in the United Kingdom that accommodates over 130 companies over 30 buildings that amount to over 650,000 ft2 of developed space. The buildings include a pre-incubator, an incubator as well as "grow on" space and accommodation for larger more stable technology companies. These companies now employ over 2,750 people and contribute some 350 million annually to the regional economy.

The Park generates an annual income of 9.9 million and the Foundation Fund of which it is a major asset is currently valued at over 100million having been valued at less than 1m when the project was started.

He has worked as a consultant on the planning of science parks with the most recent contract in Saudi Arabia where he has advised a University on planning and developing a site.

He has also been involved in a number of workshops that have focussed on developing an understanding with universities, government and business of how these projects can assist as instruments of economic development.

He is also the author of a number of papers on the design, development and operation of Science Parks and Business Incubators;he has spoken widely on the subject of these developments and related aspects of economic development. He also co-edited both the first and second editions of a UK Science Park Association book on the planning, development and operation of science parks to which he has contributed a number chapters. The first edition was published in October 2000 and was subsequently translated into Chinese. The second edition was published in September 2006.

Dr Parry was one of the founders of UK Science Park Association, is the recent past Chair of the UK Science Park Association and has now be re-elected to the Board.

He has also held office on the Board of the International Association of Science Parks (IASP). Currently he has been appointed to sit on the IASP Advisory Council and on a UNESCO / World Technopolis Association Panel that is concerned with the development of Technopoles. He has also acted as an expert of science parks for the European Commission in Brussels.

Dr Parry is currently the Chair of the Guildford Business Forum and sits on the Regional Council of the Chamber of Commerce for the County of Surrey in the UK.

Dr Parry has also started three companies two which spun-out from his research interests when he was a full time member of faculty. These have now all been sold and the last of which, when he was Managing Director, had a turnover of over 2 million: this was sold in 2005.

In June 2006 Dr Parry was awarded the prestigious OBE by Her Majesty the Queen for his services to business and education.

Contact : (T)+44 01483 579693 (E)m.parry@surrey.ac.uk



Prof. Sangryong Cha
(Professor, Nagasaki Prefecture University, Japan)

2-2

Academic Background

Dept. of Architecture Engineering, Chungnam Univ. (bachelor of Engineering)
 Graduate School of Architecture, Chungnam Univ. (ME)
 Graduate School of Social and Cultural Studies, Kyushu Univ. (Ph. D)

Occupational Career

Researcher, Regional Development and Research Institute in Chungnam Univ.
 Post-doctoral Fellow, Graduate School of Social and Cultural Studies, Kyushu Univ.
 Lecturer, Kyushu International University
 Lecturer, Faculty of Economics, Nagasaki Prefectural University
 Associate Professor, Faculty of Economics, Nagasaki Prefectural University

Research paper

"Concept of Industrial Cluster and Its Trend of Policy in Japan", Planning and Policy No. 9, pp.104-120, 2004
 "Origin and Evolution of Venture Business Agglomeration in Daedeok and Daejeon, Korea", Quarterly Journal of Geography, Vol.56, No.4, pp.241-253, 2004
 "Policy for the Development of Research and Industrial Parks in Tsukuba Science City", The Korea Spatial Planning Review, Vol.43, pp.89-107, 2004
 "Growth and Issue of Kyushu Semiconductor Cluster", The Korean Regional Development Association (ed.), Policy and Strategy for Development of Innovative Cluster from National Industrial Park, Seoul: The Korean Regional Development Association, pp.7-56, 2005
 2005, Study for Development Model of High-tech Industrial Area in terms of its Regional Innovation System, Tokyo: The Memorial Fund for Kobayashi, T., Fuji Xerox, p.38, 2005
 "Agglomeration Process of ICT Industries in Daedok Valley", Yamasita, S. (ed.), Investigation into the Actual State of ICT Clusters in Korea, China and Japan, Kitakyushu: The International Centre for the Study of East Asian Development, pp.145-161, 2006

Book

Cha, S.R. and Oh, D.S., 2002, "Chap.6. Critical Success Factors of Technopolis for Regional Innovation: Case Study of Daedeok Science Town", Lin, C.E. (ed.), New Paradigm of Urban Planning, Taipei: Archbook, pp.75-101
 Cha, S.R. and Yamamoto, K., 2007, "Chap.4. Spatial Change of Industry and Plan for Industrial Distribution", Miyakawa, Y. and Yamasita, J. (ed.), Structure and Development of Region in Japan and Asia, Tokyo: Kokon, pp.30-37

Award

The 11st Awards for Papers about policy for Small and Medium Enterprises, 2003(The Very Best Prize)

Contact : (T)+81 90 9601 7499 (E)Ryu1402@daum.net

International Training Workshop



Dr. Byung-Su Kang
(Professor, Chungnam National University)

2-3

Department of Local Government Administration, College of Social Science, Chungnam National University, Eusung Gu, Taejeon, South Korea

Journals

"Success Factors of American Venture Businesses," The Journal of Korea Planners Association, Vol.36, No.4 (Sept.) : 197-213, 2001
 "A Study on Strategies for Nurturing Knowledge-Based Industries in Daejeon metropolitan City," The Korea Spatial Planning Review, Vol.31(April), Korea Research Institute for Human Settlements : 131-146, 2001
 "Technopolis Strategies in Silicon Hill," Journal of American-Canadian Studies, Vol.10(Feb.), American-Canadian Studies Institute, Chungnam National University : 199-224, 2001
 "High-Tech Business And Start-Up Environments in Taedok Science Town," Journal of Korean Association for Local Government Studies, Vol.11, No.2(June) : 263-281, 1999.

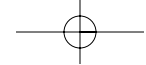
Books

Kang, Byungsu, et. al. 2002. Understanding of Modern City, Seoul: Daewangsa Press.
 Kang, Byungsu, et. al. 2001. Understanding of America, Seoul: Haeon Press.
 Kang, Byungsu, et. al. 2000. Understanding of Canada, Seoul: Gypmoondang Press.
 Kang, Byungsu, et. al. 1999. Urban, Region, And City, Seoul: Seoul National University Press.

PROFESSIONAL AND COMMUNITY SERVICE

Exchange Professor, Fulbright Scholarship Award, 2006-2007
 Member, Personnel Committee, Daejeon Metropolitan City Council, 2001-Present
 Member, City Planning Committee, Taejeon Metropolitan City, 1997-Present
 Member, The Board of Directors, Korean Association for Urban Administration, 2000-Present.
 Member, The Board of Directors, Korean Association for Local Government Studies, 1998-Present.
 Member, The Board of Directors, Human Development Association, 1998-Present.

Contact : (T)+82 42 821 5864 (H)+82 42 862 7609 (F)+82 42 823 6348 (E)kbs@cnu.ac.kr



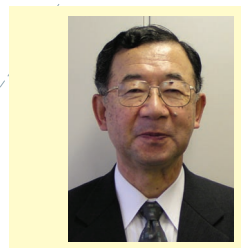
Mr. Men-Feng Wu
 (Southern Taiwan Science
 Park Administration, Taiwan)
 2-4

Born on Aug. 6, 1958 in Taiwan R.O.C.
 Educational Background :Master of Science, Institute of Traffic and Transportation, National Chiao Tung University, Taiwan, R.O.C.
 Bachelor of Science, Department of Transportation Engineering and Management, National Chiao Tung University, Taiwan, R.O.C.

Job Experience
 Deputy Director-general, Southern Taiwan Science Park Administration(~ present)
 Deputy Director-general, Tainan Science-based Industrial Park Development Office, Executive Yuan(~2002)
 Senior Specialist, National Science Council, Executive Yuan(~2001)
 Co-Researcher, Science and Technology Advisory Group, Executive Yuan(~1993)
 Special Assistant to the Minister Without Portfolio, Executive Yuan (~1990)
 Special Assistant to the Minister, Ministry of Transportation and Communication (~1989)
 Administrator of Planning and Transportation, Bureau of Taipei Municipal Mass Rapid Transportation, Taipei Municipal Government (~1987)

Contact : (T)+886 6 5051001#2117 (F)+886 6 50558

SESSION_03



Dr. Takao Kageyama
 (SME Support Center
 Kitakyushu Foundation)
 3-1

Chief Executive, SME Support Center, Kitakyushu Foundation for the Advancement of Industry, Science and Technology (FAIS)
Takao Kageyama received the B.S. and Dr. Eng. degrees in electronics engineering from Tohoku University, Japan, in 1968, and 1983, respectively.

He joined NEC Corporation in 1968, where he worked on Vacuum Electronics and Semiconductor Technology. He was engaged in General Manager of Microwave Tubes Division from 1992 to 2000, and Corporate Chief Engineer of NEC Corporation from 2000 to 2002. He has been with the FAIS (Kitakyushu Foundation for the Advancement of Industry, Science and Technology) since 2002. He has served a Chief Executive of the Knowledge Cluster Initiative Project of MEXT in Kitakyushu for five years. He is currently a Chief Executive of the SME support center in Kitakyushu.

Dr. Kageyama is a member of the IEEE, and the IEICE. He is also a committee member of the Japan Society for the Promotion of Science (JSPS).

Contact : (T)+81-93-873-1421 (F)+81-93-873-1499 (E)t-kageyama@ksrp.or.jp



Dr. Hak-Min Kim
 (Chungnam Techno Park,
 Rep. of Korea)
 3-2

CEO, Chungnam Techno Park, Rep. of Korea

Education

The University of Texas at Dallas, U.S.A.
 B.A. in Government and Politics, 1989
 M.A. in Political Economy (Economic Development Policy), 1990
 Ph.D. in Political Economy (Economic Development Policy), 1994

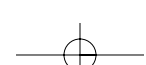
Working Experience

CEO & President, Chungnam Techno Park, Korea (2007-present)
 Professor, Soonchunhyang University, Korea (1995- present)
 Director, Chungnam Enterprise Education Institute, Korea (2003-2005)
 Member, Presidential Committee on Balanced National Development, Korea (2004-2005)
 Member, Chungnam Investment Evaluation Committee, Korea (2001- present)
 Vice President, Korean Society of Academy-Industry Cooperation, (2005-present)

Major Researches

Globalization of International Financial Markets, Avebury, London, U.K. 1999
 Regional Innovation System Approach for Developing Local Industry, Korean Policy Review, 2003
 Privatization of North Korea's Enterprises in the Post-Unification Era, Korean Observer, 2005
 Theories and Policies of Industrial Cluster in Korea, WTA Conference 2006

Contact : (T)+82 41 530 1206 (M)+82 11 454 1206 (E)hakmin@sch.ac.kr





Mrs. Naowarat Ayawong
(Thailand Science Park,
Thailand)

3-3

Deputy Director, Software Park Thailand Technology Management Center, National Science and Technology Development Agency
Present responsibility as Project Leader of project "Strengthening the business incubation system in Thailand and its anchor function in the Mekong Region" funded by infoDev Incubator Initiative program of World Bank. The main goal of the project is to strengthen the Thaibusines incubation system through capacity building and networking, and to subsequently build up an anchor function for Thailand by fostering collaboration with future incubators in the Mekong Region, particularly in Vietnam and Cambodia, and also in the Philippines. A project website: "MBIA-Mekong Region Business Incubator Alliances" has been launched and assist all partners to jointly build up knowledge of good practice in incubator management via an ICT-enabled support in the form of an electronic knowledge management system.

Previous responsibility :

- 1) **managing Software Business Incubator:** Fully supervise and manage of Software Business Incubation Center by selecting incubates, providing training courses, access to market channel, access to funding sources and act as internal counsellor and consultant to the recruited Incubatees. Create public awareness of the project and government awareness to provide financial support to the incubator and the start-up companies. Provide assistance to other organizations in setup incubator and coordinate with other organizations to make the incubation projects work successfully at country level.
- 2) **managing Department of MIS:** Supervise all activities including network, emailing and website development
 - 2007 - present IT Consultant for start-up companies, UBI of Maharakam University
 - 2007 - present IT Consultant for start-up companies, UBI of Kasesart University
 - 2006 - present Project Leader : project granted by infoDev Incubator Initiative Program, World Bank
 - 2003 - present Deputy Director, Software Park Thailand, National Science & Technology Development Agency
 - 2002 Advisor to Economics Committee of Senate House
 - 1996-97 Vice President, Software Development Department; Quality Management Representative of Project ISO9001 Jasmine International Group, Siam Teltech Co., Ltd.
 - 1996-97 IT Consultant, Siam Preserved Foods Co., Ltd.
 - 1993-96 Assistant Vice President, Corporate MIS & EDP Div., Thai Telephone & Telecommunication Public Co., Ltd.

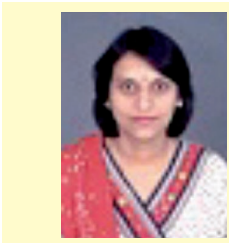
Contact : (T)+662 583 9992 ext. 1403 (F) +662 583 2884 (E)Naowarat@swpark.org

Mr. Taeku Lee
(Daejeon Metropolitan City,
Korea)

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Director, Policy Project Team, Daejeon Metropolitan City, Korea

SESSION_04



Dr. Anita Gupta
(Scientist-E Ministry of
Science and Technology
Government of India)

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Qualifications : B. Tech (Mechanical Engg.), M.Tech, Ph.D (Mech Engg.)

Area of Operation : Institution based innovative and Technology driven Entrepreneurship Development:

- Technology Business Incubators (TBI)
- Science & Technology Entrepreneurs Parks (STEPs)
- Networking with National & International Institutions

Dr. Anita Gupta served as a faculty of Mechanical Engineering at Govt. Engineering College, Raipur. Later she joined the industrial R&D Department of Indian Institute of Technology (IIT), Delhi. After having a brief stint at Consultancy Development Center, a nodal agency for the promotion of technical consultancy in India, she joined the Department of Science & Technology. She is actively involved in handling various Institutional based mechanisms for promotion of techno-entrepreneurship in India like Technology Business Incubators, Science & Technology Entrepreneurs Park and Entrepreneurship Development Cells. At present, she is Principal Scientific Officer in the Department. She has gained good exposure on the mechanism of Technology Business Incubator both at the International and National level. She has actively participated in International conferences and also acted as a UN-ESCAP resource person. She has beeninvolved in organizing national and regional level conferences and workshops on Incubators. Various articles and technical papers have been contributed by her in leading national and international periodicals, journals and newsletters.

Contact : (T)+91 011 30997059/26567373 ex. 213 (F)+91 011-26854416/265171 (E)anigupta@nic.in

Dr. Shazman Abu Samah
(Technology Park Malaysia Corp., Malaysia)

Senior Manager, Marketing & Business Development, Technology Park Malaysia, Cor

Contact : (T)+03 8998 2214 (F)+03 8998 2101 (E)shahazman@tpm.com.my

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Dr. Muhammad El-Saadani
(Mubarak City for Scientific Research and Technology, Egypt)

Chairman of Mubarak City for Scientific Research and Technology Applications (MuCSAT), New Burg Al Arab, Alexandria, Egypt

Contact : (T)+2033420 (F)+2033423 (E)elsaadani@mucsat.sci.

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UNESCO
WTA



SESSION_05



Dr. Yoslan Nur
(Science Analysis and Policies Division, Science Sector, UNESCO)

Dr Nur is Responsible for Science and Technology Park Cooperation and Coordinator of Popularization of Science in the Natural Sciences Sector of UNESCO.

Of Indonesian nationality, Dr. Nur qualified as a Master and a Doctor (Ph. D.) in Urban and Regional Planning, Institut Francais d'Urbanisme - Paris 8 University. He also possesses an Engineering Degree in Soil Sciences, Bogor Agriculture University, Indonesia.

He begun his professional career in 1987 and joined UNESCO in 1999. In 2002, he took over the responsibility of University-Industry Science Partnership (UNISPAR) and put science and technology parks as a central activity of the program. He has formulated a new strategy of UNESCO to promote science, technology and innovation through supporting science and technology park development in developing countries. Since then, he has been mobilizing international intellectual and financial resources to support this activity. Now, UNESCO is the only UN agency which conducts capacity building and technical assistance on science and technology park development.

Among activities which are supervised by Dr Nur in field of science and technology parks:

- Annual training on science and technology park governance in Daejeon Republic of Korea,
- Technical assistance in science parks development in developing countries,
- Promoting regional networking in science and technology park development in Arab States, Africa, Asia and Latin America and the Caribbean,
- Development of pilot project in the above mentioned regions, development of international centre for science, technology and innovation (STI), and UNESCO chairs.

Contact : (T) +33 1 45 68 39 17 (F) +33 1 45 68 58 27 (E) y.nur@unesco.org

(A) UNESCO, Science Policy and Sustainable Development Division, 1, rue Miollis, 75015 Paris, France