International Training Workshop on
High-tech Clusters in Global Context

2006 UNESCO-WTA Cooperative Project

WTA Secretariat
1420, Dunsan-dong, Seo-gu, Daejeon 302-789, KOREA
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Fax +82 (42) 471-2319
www.wtanet.org

Venue
Conference Hall (5th Floor), Daejeon City Hall, Korea

Date
November 6-10, 2006

2006 UNESCO-WTA Cooperative Project
Outline of Workshop

Objectives
- Enhancing the capacity of developing countries in management of science and technology innovation for sustainable development
- Providing technical assistance and policy advice on development of high-tech clusters for the developing countries.
- Networking among experts, managers and officers of high-tech and innovative clusters

Opening Ceremony

UNESCO-WTA Cooperative Workshop
- Time : 09:30 ~ 10:00 A.M, November 6, 2006
- Venue : Conference Hall (5th Floor), Daejeon City Hall

Opening Address
- Mr. Park, Seoung-Hyo (President of WTA, Mayor of Daejeon Metropolitan City)

Cultural Tour : Gyeongju Historic Area (UNESCO World Heritage) (DAY 5)
Gyeongju is a city of history, culture and sightseeing which attracts a lot of tourists from home and abroad and there are abundant treasures throughout the city. Mt. Namsan, Wolseong, Daereungwon and Hwangnyongsa as well as Seokgulam and Bulguksa are registered on the list of the World Cultural Heritage. The night lighting that has been set up in the historic sites such as Anapji are to make your visit a more worthwhile stay in Gyeongju. Gyeongju is a harmonious city with old and modern buildings coinciding with day and night.

Workshop Sessions  DAY 1 ~ DAY 3
- Date : November 6~8 (3 days), 2006
- Venue : Conference Hall (5th Floor), Daejeon City Hall
- Main Topic : High-tech Clusters in Global Context
  - Session 1 : Sustainable Development of Science City
  - Session 2 : University-Industry Partnership on Science and Technology Innovation
  - Session 3 : Innovative Cluster of Knowledge-based Industries
- Keynote Speech
  - Dr. Michael Luger (Professor, University of North Carolina)
  - "RESEARCH PARKS REDUX: The Changing Landscape of the High-Tech Garden"
  - Dr. Klaus R. Kunzmann (Professor, University of Dortmund)
  - "Strategic Regional Development with Creative Industries"
- Lectures : presentations by 12 speakers from academia, science parks and local governments
- Case Presentations : about 8 cases of high-tech and innovation clusters in global context
- Introduction & Conclusion : Prof. Deog-Seong Oh (WTA Secretary General), Dr. Yoslan Nur (UNESCO)

Post-workshop tour : DAY 4 ~ DAY 5
After the workshop session, Day 4, 5 of the program will include technical and cultural tour program.

Technical Tour : Daedeok Valley, Daejeon / Kyongbuk Technopark, Gyeongsan (DAY 4)
- DADEOK INNOPOLIS (R&D Center Managing Office in Daedeok Science Town) 09:30~10:00 A.M
  http://www.ddinnopolis.or.kr/english/index.php
- Korea Institute of Energy Research (KIER) 10:00~10:50 A.M
  http://www.kier.re.kr/eng/index.jsp
- Korea Research Institute of Bioscience and Biotechnology (KRIIBB) 11:00~11:50 A.M
  http://www.krribb.re.kr/eng
- Kyonbuk Techno Park (KTP) 15:30~17:00 P.M
  http://www.ktp.or.kr/

Cultural Tour : Gyeongju Historic Area (UNESCO World Heritage) (DAY 5)
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About the Cooperation between UNESCO and WTA

History
- May 2005
  Activity-Financing Contract for mutual cooperation between UNESCO and WTA was concluded
- October 2005
  Elaboration feasibility study for development of UNESCO-WTA Center for Science City Governance
- November 1-7, 2005
  UNESCO-WTA Cooperative Workshop on Science City Governance
  - 54 participants from 28 cities in 17 countries, including 11 lecturers and 24 case presenters.
- April 7, 2006
  During its 174th Session, the UNESCO Executive Board approved of a formal cooperation between UNESCO and WTA in form of operational relations, implementing a dynamic take-off into world prestigious international non-governmental organization (NGO)

Objectives and Strategies
The main objective of the project is to enhance the capacities of developing countries in the management of science, technology and innovation for sustainable development. Among other areas the project may focus on fields such as information and communication technology, biotechnology as well as other high-tech activities.

The basic element of the project is capacity building and technical assistance in science city governance. Specifically, the project will offer capacity building activities on the requirements for, and establishment and management of a science city. Furthermore, it will also provide technical assistance and policy advice through pilot projects in the following regions: Asia, Africa, Arab States, East Europe and Latin America.
### Workshop Session

**Project Activities**

- **Capacity building on science city development (Innovation clustering)**
  
  We expect to organize one training workshop program per year with 25 managers and researchers from 5 different regions: Africa, Arab States, Asia, Latin America, East Europe. The participants in the training are members for network science city development in their region and will actively participate in development of pilot projects.

- **Technical assistance on science city development on 5 pilot projects**
  
  In the framework of this project, a set of technical assistance will be organized in order to help developing countries to develop a science city.
  - Preparation of feasibility study / Elaboration of science city development plan / Technical advice on networking / Fund seeking and science city establishment / Foreign investment promotion.

- **Support research and publication related to technopolis development**
  
  - The UNESCO-WTA Technopolis Development Center for science city governance will host researchers and interns, at least one PhD or Master degree student. The students should prepare research on subject linking with science city development.
  - Publishing the book and scientific journal in science city governance.

**Workshop Session**

- **Date**: November 6 - 8 [3 days], 2006
- **Venue**: Conference Hall [9th Floor], Daejeon City Hall
- **Main Topic**: "High-Tech Clusters in Global Context"

#### Date  
**Nov. 6th** (Mon)  

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Subject</th>
<th>Lecturer</th>
<th>Discussion</th>
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<tbody>
<tr>
<td>10:00 - 11:00</td>
<td>Keynote</td>
<td>RESEARCH PARKS REDUX: The Changing Landscape of the High-tech Garden</td>
<td>Dr. Michael Luger (Professor, University of North Carolina)</td>
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<tr>
<td>11:30 - 12:00</td>
<td>Opening Ceremony of UNESCO-WTA Technopolis Development Center</td>
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<tr>
<td>14:00 - 14:50</td>
<td>1-1</td>
<td>Strategic Regional Development with Creative Industries</td>
<td>Dr. Klaus R. Kunzmann (Professor, University of Dortmund)</td>
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<tr>
<td>14:50 - 15:40</td>
<td>1-2</td>
<td>Sustainable Development of Technopolis: Case study of Daejeon Valley in Korea</td>
<td>Dr. DeogSeong Dh (Professor, Chungnam National University)</td>
<td>Discussant</td>
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<tr>
<td>16:00 - 16:50</td>
<td>1-3</td>
<td>A New Strategic Approach to Science Cities: Towards the Achievement of Sustainable and Balanced Spatial Development</td>
<td>Dr. Gordon Dabnett (Professor, The University of Sheffield)</td>
<td>Dr. Seong-Kun Lee (Professor, Yeungnam University)</td>
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<tr>
<td>16:50 - 17:40</td>
<td>1-4</td>
<td>Sustainable Development of Science City in Japan on High-tech Clustering Global Context</td>
<td>Dr. MiyoKawazuzu (Professor Emeritus, Kyushu University)</td>
<td>Mr. Jin-ok Lee (Director General, Daejeon City)</td>
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#### DAY 2    
**Nov. 7th** (Tue)  

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<tr>
<th>Time</th>
<th>Session</th>
<th>Subject</th>
<th>Lecturer</th>
<th>Discussion</th>
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<tbody>
<tr>
<td>09:00 - 09:40</td>
<td>2-1</td>
<td>University-Industry Partnership on Science and Technology Innovation</td>
<td>Dr. Malcolm Parry (General Manager, Surrey Research Park)</td>
<td>Dr. Fritz Krüger (Senior Director, University of Dortmund)</td>
</tr>
<tr>
<td>09:40 - 10:20</td>
<td>2-2</td>
<td>University patents and their role as an element of university-industry interaction</td>
<td>Dr. Fritz Krüger (Senior Director, University of Dortmund)</td>
<td>Eberhard Becker (Rector, University of Dortmund)</td>
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<tr>
<td>10:30 - 11:10</td>
<td>2-3</td>
<td>Planning and Development of High Technology Industrial Cluster: Case of Tainan Technopolis, Taiwan</td>
<td>Dr. Kung Shiann-Far (Professor, National Chengkung University)</td>
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<tr>
<td>11:10 - 11:50</td>
<td>2-4</td>
<td>Why cities need must change the imperative, the conversation, and the role of technology</td>
<td>Mr. Michael McAlum (Chairman &amp; CEO, Global Foresight Network)</td>
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<tr>
<td>14:00 - 14:50</td>
<td>3-1</td>
<td>Innovation Clusters in Science Cities</td>
<td>Dr. Robert Hassink (Professor, University of Utrecht)</td>
<td>Chairman: Dr. Byung-Young Kim (Professor, University of Science and Technology)</td>
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<tr>
<td>14:50 - 15:40</td>
<td>3-2</td>
<td>People Networks and Money: The Establishment and Management of Technology Clusters</td>
<td>Dr. Thorsten Hülsmann (Project Manager, Future Dortmund Project, City of Dortmund)</td>
<td>Discussant: Dr. Seok-Chan Ko (Professor, Daegu Gyeong University)</td>
</tr>
<tr>
<td>16:00 - 16:50</td>
<td>3-3</td>
<td>Cluster Development: Red Light &amp; Green Light</td>
<td>Mr. Ior Fowcs-Williams (CEO, Cluster Navigators Ltd, New Zealand)</td>
<td>Dr. Young Gil Kim (Researcher, Korea Research Institute for Human Settlements)</td>
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<tr>
<td>16:50 - 17:40</td>
<td>3-4</td>
<td>Innovation and Networks in Industrial Clusters: Empirical Results from Three Large Cities</td>
<td>Dr. Deog-Sun Lim (Professor, KAIST)</td>
<td>Dr. Yang-Bin Yim (Professor, Konyang University)</td>
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#### DAY 3    
**Nov. 8th** (Wed)  

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<tr>
<th>Time</th>
<th>Session</th>
<th>Subject</th>
<th>Lecturer</th>
<th>Discussion</th>
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<tbody>
<tr>
<td>09:00 - 09:20</td>
<td>Case 1</td>
<td>Kyushu Silicon Cluster, Japan</td>
<td>Dr. Asane Tanemasa (Professor, Kyushu University)</td>
<td>Chairman: Dr. Michael Luger (Professor, University of North Carolina)</td>
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<tr>
<td>09:20 - 09:40</td>
<td>Case 2</td>
<td>Daejeon INNOPOLIS, Korea</td>
<td>Dr. Junseok Seo (Director, Daejeon INNOPOLIS)</td>
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<tr>
<td>09:40 - 10:10</td>
<td>Case 3</td>
<td>Kitakyushu Eco High-tech Cluster, Japan</td>
<td>Dr. Sanryong Cha (Professor, Kitakyushu Eco University)</td>
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<tr>
<td>10:20 - 10:40</td>
<td>Case 4</td>
<td>Kyungbuk Technopark, Korea</td>
<td>Dr. Jaehoon Rhee (CEO, Kyungbuk Technopark)</td>
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<tr>
<td>10:40 - 11:00</td>
<td>Case 5</td>
<td>Chungnam Technopark, Korea</td>
<td>Dr. Hakmin Kim (Professor, SookMyung University)</td>
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<tr>
<td>11:00 - 11:20</td>
<td>Case 6</td>
<td>IFEZ and Inha Global University Park, Korea</td>
<td>Dr. Seong-Seong Kim (Professor, Inha University)</td>
<td>Mr. Michael N. Fauzi (Professor, Bogor Agricultural University, Indonesia)</td>
</tr>
<tr>
<td>11:20 - 11:40</td>
<td>Case 7</td>
<td>Royal Scientific Society, Jordan</td>
<td>Mr. Khaled Al-Ashram (Vice President, Royal Scientific Society)</td>
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<tr>
<td>11:40 - 12:00</td>
<td>Case 8</td>
<td>Science and Technology Cluster in Indonesia</td>
<td>Dr. Anas M. Fauzi (Professor, Bogor Agricultural University, Indonesia)</td>
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<tr>
<td>12:00 - 12:20</td>
<td>Case 9</td>
<td>Human and Intellectual capital broadcast at the Scientific Technologic Parks</td>
<td>Ms. Sebastiana Luiza Bragança Laranjela (Professor, University of Science)</td>
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<tr>
<td>13:00 - 13:20</td>
<td>Plenary Discussion</td>
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<td>13:20 - 13:40</td>
<td>Conclusion</td>
<td>By Yoslan Nur (UNESCO), Deog-Seong Dh (WTA Secretary General)</td>
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Dr. Michael Luger (Professor, University of North Carolina)

Management professor Michael Luger is faculty director of the Center for Competitive Economies. His expertise is in urban and regional economics, planning and urban policy; innovation and entrepreneurship; and economic development. Dr. Luger specializes in urban and regional economics, planning and urban policy; innovation and entrepreneurship; and economic development. Dr. Luger has published extensively on economic development issues, including infrastructure, research and technology parks (including the book, “Technology in the Garden”), urban impact, clusters, tax incentives, workforce dynamics and competitiveness in the new economy. His national report on technology infrastructure for distressed communities contributes to the Economic Development Administration. He is often quoted in the national media and academics.

Dr. Luger previously served as chair of the Department of Public Policy and as the Carl H. Pegg Professor of City and Regional Planning, and he continues to hold faculty appointments in those departments. He is a former professional officer for the Greater London Council in London and the former director of planning for the Metropolitan Boroughs of Barking and Dagenham, Pa. He has served as a consultant to many public and private agencies, including the Asian Development Bank, U.S. Agency for International Development, World Bank, ITH International, New York Life Insurance, National Center for Economic Alternatives and Urban Institute.

He received his PhD and MCM from the University of California at Berkeley and his MA and AB from Princeton University.

contact: (michael.luger@kenan-flagler.unc.edu) 919-962-8870 | 919-962-8822 | www.unc.edu

Session 1

14:00 - 14:50

Dr. Klaus R. Kunzmann

Klaus R. Kunzmann (born 1942) studied architecture and urban planning at the Technical University of Munich, and made his PhD on 'Planning the Technical University of Munich' in 1971. From 1970 to 1975 he was Professor at the Technical University of Dortmund, Germany. In 1993 he was awarded a Honorary membership of the RTPI and in 1996 a honorary PhD. from the University of Newcastle, England. Since 1975 he is a full member of the German Academy for Science. As a visiting professor he has taught, among others, at the ETH Zurich, the University Paris II, the University of California, Los Angeles, the School of Architecture and Planning at the Graduate School of Arts of the University of Pennsylvania in Philadelphia, at the Massachusetts Institute of Technology, and the Technische Universität Berlin. For Spring 2007 he has been invited to reside in Rome as visiting professor at the University of Rome, Sapienza. Klaus R. Kunzmann is member of the scientific advisory council of a number of international planning journals, among others, European Planning Studies, International Planning Studies, Built Environment, and Planning Theory and Practice.

His present research interests are, in innovative urban policy and European spatial planning, on regional restructuring, the role of creativity and the arts for spatial and endogenous economic development, and, more recently, in the consequences of China’s rapid economic growth for cities and regions in Europe.

contact: (klaus.kunzmann@udo.edu) +49 231/755-2200, -2201 (secretary’s office)

Session 2

16:00 - 16:50

Dr. Gordon Dabinett

Gordon Dabinett joined the Department in 2002, and his research interests focus on urban and regional policy, uneven economic development and spatial justice within Europe. He teaches policy analysis, regional planning and research methodology. Gordon is an Academician in the Social Sciences, Honorary Vice-Chair of the Regional Studies Association, and member of the RTPI and IED. Before joining the University he was involved in a range of applied research projects whilst working in the Centre for Regional Economic & Social Research (CRESR) at Sheffield Hallam University. Gordon graduated with a BSc (Hons) in Town Planning from Heriot-Watt University in 1975, and then studied for an MSc at the University of Cambridge by undertaking research on local economic development policy formulation. In 1979 he moved to the University of Newcastle-Upon-Tyne, where he was involved in the Department of Town & Country Planning and the Centre for Urban & Regional Development Studies (CURDS) on research contracts examining inner city economic development. Between 1983 and 1989 he held posts in the Research & Intelligence Unit of Cleveland County Council and in the Department of Employment & Economic Development at Sheffield City Council. In 1989 he joined the then School of Urban & Regional Studies in Sheffield City Polytechnic, as a Senior Lecturer in Urban Policy, and in 1996 was promoted to be the post Reader in Urban & Regional Policy. Current research interests include spatial planning practices in five European cities is funded by the North EU INTERREG programme.

contact: (gordon.dabinett@sheffield.ac.uk) +44 (0) 114 215 5167 | +44 (0) 776 217 2199

16:50 - 17:40

Dr. Miyakawa Yasuo

Prof. Dr. Miyakawa Yasuo is head Professor of the Division of Regional Science, Graduate School of Social and Cultural Studies at Kyushu University. In 1995, Prof. Miyakawa completed a degree with the Faculty of Law at Tohoku University in Sendai, Japan. He received the Dr. of Law award. He joined his department in geography from Tohoku University in 1977, and his thesis. His thesis, "The Locational Theory of Industry, and another volume, The Modern History of Toyota Co.," were published in Japanese that year. He was also external examiner for an doctoral thesis at Faculty of Economics, Bournemouth University. Prof. Miyakawa is member of the International Geographers Urban Commission on the International Division of Labor and Regional Development (1984-1988), and the Commission on the Organization of Industrial Space (1999 to the present), as well as academic associations in Japan. He is now an audit of Human Geographers Association, and councils of Economic Geographers Association and Japanese Association in Japan. Prof. 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 Migration of Japan’s Industry in the World (Taimedo, Tokyo, 1989, 1991), three volumes, the Pacific Middle Power for Global Rejuvenation (Taimedo, 1997), and three volumes of Lucas: Regional Renaissance and Civilization (Taimedo, 2002)

contact: (yasuo.miyakawa@kyushu-u.ac.jp) +81 92 474 3731 | +81 231 755 2227

18:00 - 18:50

Dr. Malcolm Parry

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 1973 and also was appointed as a senior industrial tutor during which time he established a network of contacts with industrial research laboratories. In 1987 he was seconded by the Vice Chancellor of the University to develop The Surrey Research Park from its inception as a “greenfield site”. Dr Parry was one of the founders of the UK Science Park Association. He has served 3 terms of office on the Board including serving as Chairman and has just re-elected to the Board. Dr Parry has also served as a former Board on the International Association of Science Parks and has contributed to the ISAP Advisory Council. In June 2006 he was awarded an OBE for his services to business and education on the Queen’s Honours list.

Dr Parry is also the author of a number of papers on the design, development and operation of Science Parks and Business Incubators 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 of chapters.

contact: (malcolm.parry@surrey.ac.uk) 01483 579693
Citizenship: Taiwan, Republic of China, Born: 15 June 1953, Married with three children

Education:

Working Experience:

He was born in Ibaraki, Japan in 1953. He received Master MSc and PhD degrees from Tokyo Institute of Technology in 1979 and 1984 respectively. In 1989, he joined Kyushu University. Since 1997, he has been active across Europe, North America, Asia, Africa, the Caribbean and Australasia in introducing clustering as a cornerstone for economic development. For is a frequent speaker on competitiveness, clusters, and local innovation systems. His focus has been on the training of economic development professionals in the process of cluster development, designing and reviewing cluster development programmes, and facilitating cluster workshops.

Prior to the establishment of Cluster Navigators, Forrester was with the New Zealand Trade Development Board and over a decade encouraged New Zealand’s exporters to move beyond their comfort zones in ‘co-operating to compete’ through participation in networks and clusters.

He is a Founder and Past President of The Competitiveness Institute (Bariain, Spain), the leading professional association that focuses on cluster-based economic development. (www.competitiveness.org). He has served as Vice President, Australia New Zealand Regional Science Association International (www.anzrasi.org).

Case Presentations

1. **Kyushu Silicon Cluster, Japan**

   Since establishing Cluster Navigators in 1997, Forrester has been active across Europe, North America, Asia, Africa, the Caribbean and Australasia in introducing clustering as a cornerstone for economic development. Forrester is a frequent speaker on competitiveness, clusters, and local innovation systems. He is a believer in the training of economic development professionals in the process of cluster development, designing and reviewing cluster development programmes, and facilitating cluster workshops.

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   He is a Founder and Past President of The Competitiveness Institute (Barcelona, Spain), the leading professional association that focuses on cluster-based economic development. (www.competitiveness.org). He has served as Vice President, Australia New Zealand Regional Science Association International (www.anzrasi.org).

2. **Silicon Island Kyushu,** an international venture

   - Functioning as the engine for Moshi-Moshu

   - Members: 1020 corporations & individuals

   - Functioning as the engine for "Silicon Island Kyushu," an international venture

   - Ph-D in Urban Administration, The University of Seoul (1998.7),

   - Master in Urban Planning, Department of Environment and Planning, Seoul National University (1992.8)


   - Ph-D in Urban Administration, The University of Seoul (1998.7)

   - Master in Urban Planning, Department of Environment and Planning, Seoul National University (1992.8)


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   - Master in Urban Planning, Department of Environment and Planning, Seoul National University (1992.8)


   - Ph-D in Urban Administration, The University of Seoul (1998.7)
**DAEDEOK INNOPOLIS, Korea**

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 is a world-class innovation cluster where creativity openly blooms 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.D.s 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.

**Mr. Junseok Seo**  
(Overseer of Global Business Team, Daejeon INNOPOLIS)  
(contact: jase@daejinnopolis.or.kr)  
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(+82 42 865 8888)

**Kyongbuk Technopark, Korea**

Kyongbuk Technopark, which has been promoted for leading the knowledge-based information society of the 21st century, regionalizing science and technologies and constructing a key stronghold for regional science and technologies, has overcome many hardships and become a true-to-the-name center of technological innovation of regional science and thus the hub of Kyongbuk regional innovation Syngies. Kyongbuk Technopark-a new collaboration example in Korea of industrial, academic, research and government organization-has been solidly created in our region with an important position. Kyongbuk Technopark, which is cooperating with five universities and the regional society, will bolster the region's industrial and technological development in the 21st century, open the era of high technologies and science and become a prospective model of co-existence. KTP is regarded as the role model of Korea Technoparks and serves as a benchmarking point.

**Dr. Rhee, Jaehoon**  
(CEO of Kyongbuk Technopark and Professor of Yeungnam University)  
(contact: jrhee@yumail.ac.kr)  
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(+82 42 865 8888)

**About the Royal Scientific Society (RSS)**  
RSS is the largest applied research institution, consultation and technical service provider in Jordan, with more than 600 members of staff. There are also three supporting departments: Administrative, Financial, and Public Relations. RSS enjoys robust IT & communications infrastructures. Most laboratories are nationally & internationally accredited. RSS has close co-operation ties with local, regional, and international organisations.

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(Vice President of Royal Scientific Society, Jordan)  
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**Dr. Sangyong Cha**  
(Lecturer, Nagasaki Prefectural University)  
(contact: charru@nagasaki.pu.ac.jp)  
(+81 954 47 6278)

**Science and Technology Cluster in Indonesia**  
- Several Cases of Development and Implementation  
(PBI Science Park, F-Technopark, National Center for Research, Science and Technology (PUSPITEK), Biakland, SAMPURNA-Entrepreneur Training Center (SETC))  
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(+55 31 9958 7036)

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(Science Analysis and Policies Division, Science Sector, UNESCO)  
(contact: yur@unesco.org)  
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(+62 21 688 3938)  
(+62 21 685 8800)

**Ms. Sebastiana Luiza Braganca Lano**  
(Rabita Technology Park, Brazil)  
(1999-2001 : Director of Internet Business Incubating Center at Soonchunhyang University, Korea)  
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(P.O.Box 220, Bogor, Indonesia)  
(contact: anas-mf@indo.net.id)  
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(+62 251 621210)

**Mr. Junseok Seo**  
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