Parallel Session A (May 16th, 2.00 - 3.30 pm)

A1 Economic Impact of Universities and Public Research Institutes

Room: EA-06-02  Chair: Marcelo Amaral

1. The Industry-University-GRI (IUG) Linkages in Korea: The Determinants and Impacts on Firm Performances
   Boo-young Eom, Korea Institute for International Economic Policy, Korea
   Keun Lee, Seoul National University, Korea

2. Is Networking with University Scientists Beneficial to High-Tech Enterprises? Evidence from New Nanotechnology Based Firms in the U.S.
   Jue Wang, Georgia Institute of Technology, United States

3. Incubators for Economic and Social Development: The Brazilian Experience
   Mariza Almeida, Rio de Janeiro State University, Brazil
   José Manoel Carvalho de Mello, Fluminense Federal University, Brazil
   Henry Etzkowitz, Newcastle University, United Kingdom & Stony Brook University (SUNY), USA

A2 University Technology Commercialisation and Spin-offs

Room: EA-06-03  Chair: V V Krishna

1. Characteristics of Japan’s University Spin-offs by Industry, Region and Founder-Type
   Masayuki Kondo, Yokohama National University
   Koichi Hasegawa, The Institute for Future Technology

2. Turning Science into Business: A case study of a major European research university.
   Azéle Mathieu, Université Libre de Bruxelles, Belgium
   Martin Meyer, Science & Technology Policy Research Freeman Centre University of Sussex, UK

3. Mobilizing Technology Transfer from University to Industry: The Experience of Hong Kong Universities
   Erik Baark, Hong Kong University of Science and Technology, Hong Kong
   Naubahar Sharif, Hong Kong University of Science and Technology, Hong Kong

A3 Role of Triple Helix Linkages in National Innovation Systems

Room: EA-06-04  Chair: Tim Turpin

   Ryoichi Namikawa, Iwate Prefectural University, Japan

2. The Expanded Triple Helix Model: A New Approach to Promoting Organizational Innovations
   Elise Ramstad, Ministry of Labour and Helsinki University of Technology
   Tuomo Alasoini, Ministry of Labour and University of Helsinki

3. The Role of the Triple Helix Linkages in the National Innovation System of the Small Catching Up Economy
   Urmas Varblane, University of Tartu University
   Tõnis Mets, University of Tartu University
   Madis Võõras, Enterprise Estonia
   Kadri Ukrainski, University of Tartu University
A4: Indicators/ Measurement of Triple Helix Linkages and Dynamics

Room: EA-06-05  Chair: Devrim Goktepe

   *Africa Villanueva*, *Ingenio, Institute for Innovation and Knowledge Management-INGENIO (CSIC-UPV)*, Spain
   *Jordi Molas-Gallart*, *INGENIO - Institute for Innovation and Knowledge Management-INGENIO (CSIC-UPV)*, Spain
   *Alejandro Escribà Esteve*, *Universidad de Valencia*, Spain

   *Calderini Mario*, *Polytechnic of Turin, Italy*
   *Francesca S. Rota*, *Polytechnic of Turin, Italy*

A5 Triple Helix from the Perspective of Cultural and Creative Industries

Room: EA-06-06  Chair: Ian McLoughlin

1. The Role of Triple Helix for Promoting Social Capital, Industrial Technology and Innovation in SME Sector in Thailand
   *Nattaka Yokakul*, *The University of Strathclyde, United Kingdom*
   *Girma Zawdie*, *The University of Strathclyde, United Kingdom*

   *Roberta Comunian*, *School of Performance & Cultural Industries, University of Leeds, United Kingdom*
   *David Smith*, *University of Leeds, United Kingdom*
   *Calvin Taylor*, *University of Leeds, United Kingdom*

3. The Integration of Diverse Knowledge in Project Organization in the Korean Game Software Industry
   *Eunjoo Oh*, *Georgia Institute of Technology, Korea*

A6 Technology Commercialisation from Public Research Organisations

Room: EA-06-07  Chair: Annika Rickne

1. Firm Characteristics Influencing Propensity to Collaborate with Universities: Evidence from Innovating Firms in Singapore
   *Ho Yuen Ping*, *National University of Singapore, Singapore*
   *Wong Poh Kam*, *National University of Singapore, Singapore*
   *Annette Singh*, *National University of Singapore, Singapore*

2. Designing the Transfer of a Technology from University to Industry: Nanotechnology and the Genexy Group in Hong Kong
   *Maurice Wong*, *Genexy Group*
   *Howard Davies*, *The Hong Kong Polytechnic University*

   *Taehyun Jung*, *Georgia State University and Georgia Institute of Technology, Atlanta*
Parallel Session B (May 16th, 4.00 - 6.00 pm)

B1 University Technology Commercialisation and Spin-offs
Room: EA-06-02  Chair: Kau Ah Keng

1. From Collaboration to Cross-over - Changing University-Industry Relation in Japan - Masayuki Kondo, Yokohama National University, Japan

2. The New Economic Tendency of Northward Expansion of University Technology and Spin-offs in China Wenhsiang Lai, Feng Chia University, Taiwan

3. Barriers to commercialisation of knowledge in emerging technological regimes - a comparison of marine biotechnology and mobile commerce in Norway Olav R Spilling, Research and Education, Norway Helge Godoe, Research and Education, Norway

4. Publication Productivity, Patenting Involvement and Entrepreneurial Propensity: Preliminary evidence from a Singaporean university Yi Ruan, National University of Singapore, Singapore Poh Kam Wong, National University of Singapore, Singapore

B2 Measurement/Indicators of Triple Helix Linkages and Dynamics
Room: EA-06-03  Chair: Martin Meyer

1. Estimating the Innovation Effect of University-Industry-Government Linkage: the Case of Taiwan Mei-Chih Hu, Feng Chia University, Taiwan John A. Mathews, Macquarie Graduate School of Management, Australia

2. Quantifying the Merits of Collaborative Research Models: A Program of Triple-Helix Research Investigation Leigh W. Jerome, University of Hawaii Brook B. Robinson, University of Hawaii

3. Biomedical Innovation at the Laboratory, Clinical and Commercial Interface: Mapping Research Grants, Publications and Patents in the Field of Microarrays Andrei Mogoutov, Aguidel, France Alberto Cambrosio, McGill University, Canada Peter Keating, UQAM Université du Québec à Montréal, Canada Philippe Mustar, Ecole Nationale Supérieure des Mines de Paris, France

4. Measuring the Territorial Knowledge Base in Hungary: Triple Helix Dynamics in a Transition Economy Balázs Lengyel, Hungarian Academy of Sciences, Hungary Loet Leydesdorff, University of Amsterdam, Netherlands
B3 Models of Entrepreneurial University

Room: EA-06-04  Chair: Bernard Leong

1. Lessons Learned from Portuguese Business Incubators: A Model of Entrepreneurial University Based on Empirical Data
   J.P.C. Marques, Coimbra Higher Institute of Accounting and Administration, Portugal

2. The Development Model of Triple Helix and the Entrepreneurial Role in the Executive Education Programs: The UNISUAM's Case, Rio de Janeiro, Brazil
   Branca Terra, Augusto Motta University Center and Rio de Janeiro State University
   Carlos Alberto, Augusto Motta University Center and Salgado de Oliveira University
   Sebastião Josué Votre, Augusto Motta University Center and Gama Filho University
   Benny de Almeida, Augusto Motta University Center
   Arapuan Medeiros da Motta Cruz, Augusto Motta University Center
   Fernando Pereira Tostes, Augusto Motta University Center and Rio de Janeiro State University

3. Private Venture Capital in Universities – A Comparative Case Study Between Brazil and the United States
   Fernando Tostes, Augusto Motta University Center and Rio de Janeiro State University
   Branca Terra, Augusto Motta University Center and Rio de Janeiro State University
   Benny de Almeida, Augusto Motta University Center
   Alberto Figueiredo da Silva, Augusto Motta University Center and Salgado de Oliveira University
   Kátia Eliane Santos Avelar, Augusto Motta University Center

4. Transformation to an Entrepreneurial University: Balancing the Portfolio of Facilitators and Barriers
   Arkalgud Ramaprasad, University of Illinois (Chicago), United States
   Ariel L. La Paz, University of Illinois (Chicago), United States

B4 Managing Triple Helix Relationship and Networks

Room: EA-06-05  Chair: Naubahar Sharif

1. Ideals And Contradictions: The Perceptions of Academic Scientists of University-Industry-Government Relations
   James Dzisah, University of Newcastle upon Tyne, United Kingdom

2. Transferring an entrepreneurship training programme: A Swedish cast study
   Magnus Klofsten, Linköping University, Sweden
   Peter Heydebreck, Linköping University, Sweden
   Dylan Jones-Evans, Linköping University, Sweden

3. Managing Triple Helix Relations: How Knowledge-Based Innovation Networks ‘Work’ in a Regional Context?
   Lucy Lu, Newcastle University, United Kingdom
   Richard Li-Hua, Northumbria University, United Kingdom

4. Organizational Structures in Managing Triple Helix Collaborations
   William Johnson, Bentley College, United States
B5 Role of Triple Helix in National Innovation Systems

Room: EA-06-06  Chair: Phil Cooke

1. Aligning Triple Helix framework with Regional Innovation Systems: insights and challenges from Swedish policy practice
   Linda Gustavsson, Royal Institute of Technology, Sweden
   Staffan Laestadius, Royal Institute of Technology, Sweden
   Cali Nuur, Royal Institute of Technology, Sweden

2. Knowledge Ecologies And Ecosystems? An Empirically Grounded Reflection on Recent Developments in Innovation Systems Theory
   Theo Papaioannou, ESRC Innogen, The Open University
   David Wield, ESRC Innogen, The Open University
   Joanna Chataway, ESRC Innogen, The Open University

   Sally Davenport, Victoria University of Wellington, New Zealand
   David Bibby, Victoria University of Wellington, New Zealand

4. New Forms of Strategic Research Collaboration Between Firms and Universities - Changes in the Institutional Fabric of the German Innovation System
   Knut Koschatzky, Fraunhofer Institute for Systems and Innovation Research, Germany
   Thomas Stahlecker, Fraunhofer Institute for Systems and Innovation Research, Germany

B6 Thematic Workshop – Policy & Organisational Perspectives of Triple Helix

Room: EA-06-07  Chair: Lena Lee

1. Role of the Triple Helix Linkage in Knowledge Economy
   Xu Fanxin, Tsinghua University, China

2. The Triple Helix Innovation Model in China Based on Knowledge Activity System
   Liu Zeyuan, Dalian University of Technology, China
   Yang Zhongkai, Dalian University of Technology, China

3. An Emerging Model for the Entrepreneurial University in Mauritius
   Geetanee Napal, University of Mauritius, Mauritius

4. Entrepreneurial Activities in Universities: Towards A Practice-Based Approach
   Manuel Graca, University of Porto & CIPES, Portugal

5. Ethical Issues Hindering the Move Towards Global Convergence in the Developing World
   Geetanee Napal, University of Mauritius, Mauritius

6. A Process Model of the Natural Formation of Technology Clusters in Emerging Economies
   Ganesh N. Prabhu, Indian Institute of Management Bangalore, India

7. Entrepreneurial University: The importance of students and graduates' expectation
   Mohand-Said Oukil, King Fahd University of Petroleum and Minerals, Saudi Arabia

8. The European Roadmap as a Way for Closer Integration in the Field of Research and Innovation: The Central and Eastern European Perspective
   Andrzeja H Jasinski, University of Warsaw, Poland
University-Industry collaboration within the Triple Helix model: The role of universities in creating capabilities for firms
Paul Ryan, Centre for Innovation and Structural Change, National University of Ireland, Galway
Will Geoghegan, Centre for Innovation and Structural Change, National University of Ireland, Galway

Leveraging Current Institutional Programs to Meet Society's Future Needs
Martha E Crosby, University of Hawaii
Laurel A King, Institute for Triple Helix Innovation
C1 University Technology Commercialisation and Spin-offs
Room: EA-06-02  Chair: Vijay Bhandari

1. From Science to License: An Exploratory Analysis of the Value of Academic Patents
   Eleftherios Sapsalis, Université Libre de Bruxelles – Solvay Business School
   Bruno Van Pottelsbergh de La Potterie, Université Libre de Bruxelles – Solvay Business School & European Patent Office

2. Understanding the Relationship Between US Biotechnology Firms and the Public Sector (Academia and Government): Health and Agri-Bio Comparisons
   S. Bagchi-Sen, State University of New York – Buffalo
   Jennifer Scully, U.S. Census Bureau

3. Academia Industry Linkages: Commercialization of Technologies at Indian Institutes of Technology
   Nimesh Chandra, Jawaharlal Nehru University, India
   V V Krishna, Jawaharlal Nehru University, India

4. Analysing Innovation Intermediary Organisations from the Public Management Perspective
   Jari Konttinen, VTT Technical Research Centre of Finland, Finland
   Mika Nieminen, VTT Technical Research Centre of Finland, Finland

C2 Measurement/ Indicators of Triple Helix Linkages and Dynamics
Room: EA-06-03  Chair: Wu Weiping

1. Research Theme Networks to Re-Think the Relationships Between Government, Research and Educational Systems Relevant to Rural Cameroon
   Félix-Marie Affa’a, Laval University, Canada
   Kimiz Dalkir, McGill University, Canada

2. University IP Management Strategies and Implications for Assessing the Economic Impact of Academic Research
   Ben Martin, University of Sussex, United Kingdom
   Martin Meyer, University of Sussex, United Kingdom
   Puay Tang, University of Sussex, United Kingdom

   Pablo D’Este, University of Sussex, United Kingdom
   Markus Perkmann, Loughborough University, United Kingdom

   Egide Karuranga, Virginia State University, United States
   Zhan Su, Université Laval, Canada
   Robert Beauregard, Université Laval, Canada
C3 Organisational and Management Challenges in Triple Helix Nexus

Room: EA-06-04    Chair: Lucy Lu

1. Regional Development as a Process of Coordination and Negotiation
   Annika Rickne, Lund University & IMIT, Sweden
   Jens Laage-Hellman, Chalmers University of Technology & IMIT, Sweden

2. The Regional Importance of Triple Helix Arrangements: A Case Study of an Entrepreneurial University and Three Innovative Cluster Initiatives
   Susan Marton, Karlstad University, Sweden

3. Determining the Norms of Science: From Epistemological Criteria to Local Struggle on Organizational Rules
   Juha Tuunainen, University of Helsinki, Finland
   Tarja Knuuttila, University of Helsinki, Finland

4. Redefining the Entrepreneurial University
   Nigel Culkin, University of Hertfordshire, United Kingdom
   Marianna Dorking, University of Hertfordshire, United Kingdom
   Jenny Jenkin, University of Hertfordshire, United Kingdom

5. Is an Enterprise Framework Necessary for an Entrepreneurial University? A Comparison of Entrepreneurial University Technology Start-Ups in Singapore & Sweden
   Bernard Leong, National University of Singapore & Genome Institute of Singapore
   Ho Yuen Ping, National University of Singapore, Singapore
   Alison Wee, National University of Singapore, Singapore

C4 Managing Triple Helix Relationships and Networks

Room: EA-06-05    Chair: Magnus Klofsten

1. Determinants of Links Between Canadian Health Universities and Government: Health Researchers’ Perspective
   Jalila Jbilou, Université Laval, Canada
   Réjean Landry, Université Laval, Canada
   Nabil Amara, Université Laval, Canada

2. Building Localised Interactions Between Universities And Cities Through University Property Developments
   David R. Charles, Newcastle University, UK
   Paul Benneworth, Newcastle University, UK
   Ali Madanipour, Newcastle University, UK

3. INOVA3 - An Experience in Management of Technology at Brazilian Public Research Institutes
   Marcelo Amaral, Universidade Federal Fluminense – UFF, Brazil
   Carlos César Peiter, Centro de Tecnologia Mineral – CETEM, Brazil

4. Forms of knowledge and Development Pattern of Online Technology Market: An Analysis of China Zhejiang Online Technology Market
   Aifang Guo, Zhejiang Sci-tech University, China
   Jin Chen, Zhejiang University, China
   Yan Mo, Zhejiang Sci-tech University, China
C5 Triple Helix Linkages and Dynamics in Emerging Economics

Room: EA-06-06  Chair: Jose Mello

1. Academic capabilities in developing countries – conceptual remarks and empirical illustrations from Thailand
   Daniel Schiller, University of Hannover, Germany
   Ingo Liefner, University of Giessen, Germany

2. Development of chemical products for diseases: an experience of collaboration projects between state, academic work and the pharmacological industry in Argentina
   Juarros Fernanda, Universidad De Buenos Aires, Argentina
   Navarro, Gustavo, Consejo Latinoamericano de Ciencias Sociales, Argentina

3. University Knowledge Spillovers to Private Firms: A Technology Specific Phenomenon Evidence from Italian Regional Innovation Systems
   Bart Leten, Katholieke Universiteit Leuven, Belgium
   Paolo Landoni, Politecnico di Milano, Italy

4. Where Will all the Researchers go? Scientists as Innovation Personnel as the Basis of Intra-Regional 'Triple Helix' Arrangements in Developing Economies in Asia
   Tim Turpin, University of Western Sydney, Sydney
   Jane Marceau, University of Technology, Sydney
   Richard Woolley, University of Western Sydney, Sydney
   Stepehn Hill, University of Wollongong, Australia

C6 Practitioner Workshop - University Entrepreneurship and Technology Commercialisation

Room: EA-06-07  Chair: Tony Eastham

1. New university instruments for spin-offs global growing. The case of Universitat Autònoma de Barcelona Research Park (UABRP) Entrepreneurship & Innovation Programme
   Sonia González García, Parc de recerca UAB, Spain

2. Triple Helix and Open Innovation: the Intermediary Role of Entrepreneurial University
   Sergio Campodall'Orto, Politecnico di Milano
   Mattia Bianchi, Politecnico di Milano

3. From Start-ups to Joint Ventures
   Tony R Eastham, The Hong Kong University of Science and Technology, Hong Kong
   Matthew M F Yuen, The Hong Kong University of Science and Technology, Hong Kong
   Claudia J Xu, The Hong Kong University of Science and Technology, Hong Kong
   Rocky C S Law, The Hong Kong University of Science and Technology, Hong Kong
   Shirley S W Woo, The Hong Kong University of Science and Technology, Hong Kong

4. The Road Ahead for Higher Education Institutes in Taiwan: A Paradox or Blessing in Disguise?
   Christina Tay, National Chengchi University and Chinese Culture University, Taiwan

5. A learning and lecturing based entrepreneurial university: a case study
   José Alberto Sampaio Aranha, Genesis Institute, Brazil
   Julia Zardo, Genesis Institute, Brazil
   Lygia Magacho, Genesis Institute, Brazil
   Leonardo de Jesus Melo, Genesis Institute, Brazil
   Fabio Silveira, Genesis Institute, Brazil
Parallel Session D (May 17th, 1.30 - 3.30 pm)

D1 University Technology Commercialisation and Spin-offs

Room: EA-06-02             Chair: Masayuki Kondo

1. Collegiate Entrepreneurship - An International Analysis Of Student Nascent Entrepreneur's Key Barriers
   Johann Tobias Manuel, International University Schloss Reichartshausen, Germany
   Halter Frank, University of St. Gallen, Switzerland
   Klandt Heinz, International University Schloss Reichartshausen, Germany
   Henry Koch, International University Schloss Reichartshausen, Germany

2. Role of Individuals in the Creation of Entrepreneurial Universities: Profiling Serial Inventors and Creative Research Milieus
   Devrim Goektepe, Circle-Lund Institute of Technology, Sweden

3. Commercialization of University Research in Sweden – An Exploration of Influencing Factors
   Stsefanin Aliaksandr, Chalmers University of Technology, Sweden

4. University spin-offs creation in Europe: What have we learnt after ten years of experience?
   Philippe Mustar, Ecole nationale supérieure des mines de Paris, France
   Mike Wright, Nottingham University, United Kingdom
   Bart Clarysse, Gent University, Belgium

D2 Measurement/Indicators of Triple Helix Linkages and Dynamics

Room: EA-06-03               Chair: Loet Leydesdorff

1. Market Value of R&D in the Presence of Weak Intellectual Property Protection: The Case of India
   Alka Chadha, National University of Singapore, Singapore
   Raffaele Oriani, Luiss Guido Carli University and University of Bologna, Italy

2. University Research in an 'Innovation Society'
   Cooper H Langford, University of Calgary, Canada
   Richard Hawkins, University of Calgary, Canada
   Kiran S. Sidhu, University of Calgary, Canada

3. Triple Helix Linkages and Dynamics in the University-Based Regional Knowledge Clusters: Case Optoelectronics
   Nina Suvinen, University of Tampere, Finland
   Mika Nieminen, VTT, Finland

4. The impact of legislative framework conditions on the entrepreneurial activities of universities: an empirical assessment
   B. Van Looy, Katholieke Universiteit Leuven, Belgium
   M. Du Plessis, Katholieke Universiteit Leuven, Belgium
   M. Meyer, University of Sussex & Helsinki University of Technology, United Kingdom
   K. Debackere, Katholieke Universiteit Leuven, Belgium
D3 Models of Entrepreneurial University

Room: EA-06-04  Chair: Erik Baark

1. Scientists Are Entrepreneurs So Why Universities Are Not Entrepreneurial?  
   Tsivi Vinig, University of Amsterdam, Netherlands

2. Raising Entrepreneurs: Exploring Students Intentions For Entrepreneurial Education  
   Victoria E. Erosa, Universidad Autonoma de Tamaulipas, Mexico

3. Conceptualising Entrepreneurial University in the Small Transition Country: the Estonian Case  
   Tõnis Mets, University of Tartu, Estonia

3. Multimedia University's experience in fostering and supporting undergraduate student  
technopreneurship programs  
   Teh Pei Lee, Multimedia University, Malaysia

D4 Managing Triple Helix Relationships and Networks

Room: EA-06-05  Chair: Daniel Schiller

1. The Triple Helix and Institutional Change: Reward, Risk and Response in Australian Cooperative Research Centres  
   Sam Garrett-Jones, University of Wollongong, Australia  
   Tim Turpin, University of Western Sydney, Australia

   Thanaphol Virasa, Mahidol University, Thailand

3. Evidence on How Academics Manage their Portfolio of Activities  
   Réjean Landry, Laval University, Canada  
   Malek Saihi, Laval University, Canada  
   Nabil Amara, Laval University, Canada  
   Mathieu Ouimet, Laval University, Canada

4. Developing an integrated network between university, industry and public sectors for sustainability and built environment research  
   Noriko Otsuka, Oxford Brookes University, United Kingdom  
   Tim Dixon, Oxford Brookes University, United Kingdom  
   Dr Esra Kurul, Oxford Brookes University, United Kingdom

5. PETRÔPOLIS-TECNÓPOLIS: From The Beginning To Actual Stage (1998-2006)  
   Ana Hofmann, Petrópolis High Technology Park Foundation FUNPAT, Brazil  
   Marcelo Amaral, Fluminense Federal University, Brazil
D5 Policies for Promoting Triple Helix Linkages

Room: EA-06-06  Chair: Knut Koschatzky

1. Regional Development as a Process of Coordination and Negotiation
   Jens Laage-Hellman, Chalmers University of Technology, Sweden
   Annika Rickne, IMIT and Lund University, Sweden

2. How Effective is Government Innovation Support for Firms’ Technological Innovative Performance?
   A Resource-Based View
   Lena Lee, National University of Singapore, Singapore
   Poh-Kam Wong, National University of Singapore, Singapore

3. Intermediary Organisations: Bridges, Catalysts or Noise? An analysis of Agricultural Biotechnology in the Netherlands
   Harro van Lente, University Utrecht, Netherlands
   Basak Candemir, Science Policy Research Unit, UK

4. “Interface Structures”: A Response to the Challenges of Promoting “Triple Helix”
   Jordi Molas-Gallart, Ingenio (CSIC-UPV), Spain
   Ignacio Fernández-de-Lucio, Ingenio (CSIC-UPV), Spain
   Elena Castro-Martínez, Ingenio (CSIC-UPV), Spain

D6 Practitioner Workshop – Triple Helix in Practice

Room: EA-06-07  Chair: Bernard Leong

1. A review of Triple Helix Linkages in Zealand Earthquake Engineering Networks and comparison with the Australian Cooperative Research Centre Model
   Peter Butcher, The Open Polytechnic of New Zealand, New Zealand
   David Thorpe, The University of Southern Queensland, Australia

2. Engaging with business—a model for effective Triple Helix relationship management and business development.
   John Rabling, Deakin University, DeakinPrime

3. Local Innovative Networks for the Strengthening of the Maize Agro-Alimentary Chain in the West Venezuelan Region
   Rodolfo Martínez-Hernández, Fundación para la Investigación Agrícola Danac, Venezuela
   Concetta Esposito de Díaz, Universidad Centroccidental Lisandro Alvarado, Venezuela
   Eunice Romero, La Universidad del Zulia, Venezuela
   Maria Teresa Admade, La Universidad del Zulia, Venezuela
   Venancio Barrientos, Fundación para la Investigación Agrícola Danac, Venezuela
   Atilio Higuera, La Universidad del Zulia, Venezuela

4. Structuring Spin Offs in Weak Entrepreneurial Environment - A Case from Sri Lanka
   Dilani Nadeeja Wickramarachchi, National Science Foundation, Sri Lanka
   R.M.W. Amaradasa, National Science Foundation, Sri Lanka

5. Triple Helix Transition in Ethiopia: Changing role of the University (To be Confirmed)
   Abdurahman Ame, Ethiopian Triple Helix Association
Parallel Session E (May 18th, 8.30 - 10.30 am)

E1 Proposed Session to be confirmed

E2 Measurement/ Indicators of Triple Helix Linkages and Dynamics

Room: EA-06-03  Chair: Loet Leydesdorff

1. In Search of a Magic Formula: Metrics for Third-Mission Activities in Universities
   Martin Meyer, KU Leuven, United Kingdom
   Koenraad Debackere, KU Leuven, United Kingdom

2. Diversity Measures and Network Centralities as Indicators of Interdisciplinarity: Case Studies in
   Bionanoscience
   Ismael Rafols, University of Sussex, United Kingdom
   Martin Meyer, University of Sussex, United Kingdom

3. Collaboration between academia and industry and the technological performance of European
   regions: the case of biotechnology.
   Catherine Leoccq, Katholieke Universiteit Leuven, Belgium
   Bart Van Looy, Katholieke Universiteit Leuven, Belgium

4. Application of Text Mining Methods on Science and Technology Linkage: Exploration of the
   Feasibility and Relevancy of Using Text Mining Techniques to Detect Relations Between Patents
   and Publications
   Tom Magerman, Research Division INCENTIM, Belgium

E3 University Technology Commercialisation and Spin-offs

Room: EA-06-04  Chair: Hang Chang-Chieh

1. Exploring sectoral patterns of knowledge transfer from university to industrial firms in the
   Netherlands
   Isabel Maria Bodas Freitas, Technical University of Eindhoven, Netherlands
   Rudi Bekkers, Technische Universiteit Eindhoven, Netherlands

2. The complex relationship between an entrepreneurial university and its technology transfer office
   Magnus Gulbrandsen, NIFU STEP, Norway

3. Academic Entrepreneurship: Designing an University Context that Fosters the Creation of Spinoffs
   Elico van Burg, Eindhoven University of Technology, The Netherlands
   Isabelle M.M.J Reymen, Eindhoven University of Technology, Netherlands
   A. Georges L. Romme, Eindhoven University of Technology, Netherlands
   Victor A. Gilsing, Eindhoven University of Technology, Netherlands

4. Understanding Academic Inventors: The Case of the National University of Singapore
   Annette Singh, National University of Singapore, Singapore
   Wong Poh Kam, National University of Singapore, Singapore
   Ho Yuen Ping, National University of Singapore, Singapore

5. An Analysis of Academic-based Technology Commercialization and Academic Routines: The
   Perspective of Academic Patent Inventors
   Yuan-Chieh Chang, National Tsing Hua University, Taiwan
   Phil Y. Yang, Central Taiwan University of Science and Technology, Taiwan
E4 Managing Triple Helix Relationships and Networks

Room: EA-06-05  Chair: Thanapol Virasa

1. Regional Innovation: An Approach through the University-Industry Cooperation  
   Adela Garcia-Aracil, Ingenio (CSIC-UPV), Spain  

2. The Role of Informal Network that Inspire a Soul: Case Study of Iwate Network System  
   Michi Fukushima, Tohoku University, Japan  

3. Are Small Knowledge-Intensive Firms Being Squeezed in the Quest for Research Commercialisation and Is It Changing the Need for Governance Mechanisms?  
   Kenneth Husted, University of Auckland Business School  
   Brian Karlson, University of Auckland Business School  

4. And yet it moves! – An analysis of Triple Helix interactions between small firms and knowledge institutions in Northern Netherlands  
   Liana Marina Ranga, Newcastle University Business School  

E5 Policies for Triple Helix in the Context of Globalisation

Room: EA-06-06  Chair: Girma Zawdie

1. Global Research at the Service of Regional Innovation  
   Olli Vuola, Georgia Tech School of Public Policy, United States  

2. Against ‘Placeless Foodscapes’: Agro-Food Contests in Global Contexts  
   Phil Cooke, Cardiff University, UK  

3. Policies for Energizing R&D Accumulation and Innovation Diffusion: An Intermediary Model of Integrating Industry-University Collaborations  
   Wenhsiang Lai, Feng Chia University, Taiwan  
   Chien-Tzu Tsai, Feng Chia University, Taiwan  

4. Policy Emulation, Regional Convergence and Institutional Diversification of Entrepreneurial States and Universities  
   Fumi Kitagawa, National Institute for Educational Policy Research, Japan  

E6 Economic Impact and Role of Universities and Public Research Institutes

Room: EA-06-07  Chair: Erkko Autio

1. Capacity Building for University-Industry Linkages in Developing Countries: The Case of the Thai Higher Education Development Project  
   Daniel Schiller, University of Hannover, Germany  
   Peter Brimble, Asia Policy Research, Bangkok  

2. Between research and innovation: critical factors of innovation process based on scientific knowledge by means of two cases study in the Brasilian university context  
   Dany Flávio Tonelli, Universidade Federal de Lavras, Brazil  
   André Luiz Zambalde, Universidade Federal de Lavras, Brazil  

3. Universities: A mediating hub for bridging (regional) local-global inter-dependent linkages  
   Swayan Chaudhuri, Newcastle University, United Kingdom  

4. Can patent donations contribute to economic development: Track record before and after a change in the tax code  
   Harm-Jan Steenhuis, Eastern Washington University, USA  
   Denis O. Gray, North Carolina State University, USA