



GLOBELICS
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'Inclusive Growth, Innovation and Technological Change: education, social capital and sustainable development'

Organized by:

The Global Network for the Economics of Learning, Innovation, and Competence Building Systems (Globelics)

UNU-MERIT (Maastricht, The Netherlands)
CRES, UCAD (Dakar, Senegal)

Date: October 6-8, 2009

Place: Dakar, Senegal

Parallel session 1

Wednesday 7.10.09 [10:15-11:45]

Room A: Innovation in agriculture and resource-based sectors: systemic aspects

Chair: John Adeoti

Discussants: John Adeoti; Mika Raunio

System building for better policy alignment in the South: The case of salmon farming industry in Chile

Michiko Iizuka (UNU-MERIT)

Argentine soybean production: The outlier in a weak innovative environment

Gonzalo Bernat (Fundación CREAR, Universidad de Buenos Aires)

Co-authors: Ramiro Federico Albrieu and Eduardo Ariel Corso (CEDES, Universidad de Buenos Aires)

How far can knowledge networks go? A test of their impact on innovation in the agro-food sector

Sara Gorgoni (University of Roma Tre, Department of Economics)

Co-author: Carlo Pietrobelli (CREI and University of Roma Tre)

Strengthening agricultural innovation capacity: Are innovation brokers the answer?

Laurens Klerkx (Communication and Innovation Studies Group, Wageningen University)

Co-authors: Andy Hall (UNU-MERIT) and Cees Leeuwis (Communication and Innovation Studies Group, Wageningen University)

Room B: Education et développement

Chair: Abdoulaye Diagne

Discussants: Abdoulaye Diagne; Loesse J. Ezzo

Estimating the returns to education in Cameroon informal sector

Pierre Joubert Nguetse Tegoum (MINEPAT)

Une analyse empirique de la rentabilité privée de l'éducation au Cameroun: Estimation d'un modèle Tobit de type III structurel

Patrick Marie Nga Ndjobo (FSEG, Université de Yaoundé II)

Co-author: Bernadette Kamgnia Dia (FSEG, Université de Yaoundé II)

Le rôle des enseignements secondaire et supérieur sur la croissance économique au Cameroun:

Une approche comptable

Atala Etienne (FSEG, Université de Yaoundé II)

Education de la mère et la santé de son enfant: Evidence pour le monde rural du Sénégal

Bara Niang (CERDI)

Room C: Explaining growth trajectories

Chair: Raphael Kaplinsky

Discussants: Raphael Kaplinsky; Abdoulaye Seck

A global view of economic growth

Bart Verspagen (Maastricht University and UNU-MERIT)

Industrialisation as an engine of growth in developing countries

Adam Szirmai (UNU-MERIT and Maastricht Graduate School of Governance, Maastricht University)

Patterns of agricultural growth and overall growth of Ugandan economy

Niringiye Aggrey (Department of Economic Policy and Planning, Faculty of Economics and Management, Makerere University)

Trajectories, convergence and divergence in economic development

Pier Paolo Saviotti (INRA GAEL)

Co-author: Lionel Nesta (OFCE DRIC)

Room D: Research networks and knowledge flows

Chair: Jon Mikel Zabala

Discussants: Jon Mikel Zabala; Thomas Pogue

Linking innovation personnel: International networks among scientists

Tim Turpin (University of Western Sydney)

Co-authors: Jane Marceau (University of New South Wales, Sydney), Richard Woolley (University of Western Sydney)

Who collaborates internationally in developing countries? The case of Colombia

Hector Gonzalo Ordonez-Matamoros (Universidad Externado de Colombia)

Co-authors: Susan Cozzens (Georgia Institute of Technology) and Margarita Garcia-Luque

Commercial farmers-researcher linkages and researcher productivity: The Mexican case

René Rivera (Metropolitan Autonomous University)

Co-authors: José Luis Sampédro, Gabriela Dutrénit, Alexandre O. Vera-Cruz (Metropolitan Autonomous University) and Javier Mario Ekboir

Contributions of universities and public research centers to innovation processes in the industry:
The Costa Rican case
Jeffrey Orozco (CINPE-UNA)
Co-author: Keynor Ruiz (CINPE-UNA)

Room E: Firm innovation strategies

Chair: Carlo Pietrobelli

Discussants: Carlo Pietrobelli; Claudia De Fuentes

From isolation to openness: Knowledge flows promoting innovation
Evidence from South Africa's Innovation Survey 2005
Norbert Janz (UNU-MERIT)
Co-author: Michael Kahn (CREST, University of Stellenbosch)

Determinants of industry-academy linkages and their impacts on firm performance: The case of
Korea as a late-comer in knowledge industrialisation
Keun Lee (Economics Department, Seoul National University)

Complementarity between internal R+D and buying knowledge: The case of manufacturing and
innovative plants in Chile
Felipe Zamorano (INTELIS, Department of Economics, Universidad de Chile)

Innovation strategies, process and product innovations and growth: Firm-level evidence from
Brazil
Reinhilde Veugelers (KULeuven & Bruegel)
Co-author: Micheline Goedhuys (UNU-MERIT)

Room F: Innovation policies for development

Chair: Jorge Katz

Discussants: Jorge Katz; Diana Suarez

Below the radar: What does innovation in the Asian driver economies have to offer other low
income economies?
Joanna Chataway (ESRC INNOGEN/Open University)
Co-author: Raphie Kaplinsky (OU)

Innovation policies for development: Towards a systemic experimentation-based approach
Cristina Chaminade (CIRCLE, Lund University)
Co-authors: Bengt-Ake Lundvall (CBS, Aalborg University), Jan Vang-Lauridsen (Copenhagen
Institute of Technology, Aalborg University) and K.J. Joseph (Centre for Development Studies)

Science, technology and innovation policies in global open economies: Reflections from Latin
America and the Caribbean
Annalisa Primi (OECD)
Co-authors: Mario Cimoli (ECLAC-UN, University of Venice) and Joao Carlos Ferraz (BNDES)

Balancing between competitiveness and cohesion in innovation: The case of the regional
innovation policy evolution in Finland
Mika Kautonen (University of Tampere, Finland)

Room G: Innovation and the health care system

Chair: Shyama Ramani

Discussants: Shyama Ramani; Samira Guennif

Using the technologies of laboratory science for social change: An examination of the Nigerian healthcare system

Michael Olusegun Afolabi (Department of Biomedical Sciences, College of Medicine, Ladoke Akintola University of Technology)

Drivers and barriers of innovation dynamics in healthcare: Towards a framework for analyzing innovation in tuberculosis control in India

Nora Engel (UNU-MERIT)

Medical poverty trap and the urban poor in India

Samik Chowdhury (Jawaharlal Nehru University)

The shortage of medical workers in Sub-Saharan Africa and substitution policy

Arnaud Bourgain (Université du Luxembourg, CREA)

Co-authors: Patrice Pieretti and Benteng Zou (Université du Luxembourg)

Room A: Innovation in agriculture, sector studies

Chair: Michiko Iizuka

Discussants: Michiko Iizuka; Pulamte Lalsiemlien

Institutional innovation and inclusive growth: Lessons from the coffee and palm oil sectors in Costa Rica

Jeffrey Orozco (CINPE-UNA)

Technology diffusion dynamics: The case of Chile's forestry industry

Pablo Catalan (Georgia Institute of Technology - Universidad de Concepcion)

Co-author: Suzan Cozzens (Georgia Institute of Technology)

Multinational companies embedded in national innovation systems in developing countries: The case of Norwegian fish farming multinationals in Chile

Magnus Gulbrandsen (NIFU STEP)

Co-authors: Heidi Wiig Aslesen (Norwegian School of Management) and Alessandro Astroza (Ministry of Fishery and Coastal Affairs)

Room B: Education and capacity building

Chair: Charles Edquist

Discussants: Charles Edquist; Ezequel Tacsir

Capacity building for the knowledge economy: The Cuban experience (1959-2009)

Claes Brundenius (Research Policy Institute, Lund University)

Co-authors: Jorge Nuñez and Isarelis Pérez Ones (University of Havana)

Inequality patterns and quality erosion in tertiary education: Is there a way out? (case of Russia)

Irina Soboleva (Institute of Economy, Russian Academy of Sciences)

The dynamics of university behaviour in Chile

Carmen Contreras (Intelis, Department of Economics, University of Chile)

Co-author: Jorge Katz (Intelis, Department of Economics, University of Chile)

The role of the university in protecting and creating value from indigenous knowledge

Sari Scheinberg (Chalmers Industrial Technologies Foundation)

Co-authors: Andreas Norgren (Chalmers Industrial Technologies), Francisco Perera (URACCAN) and Sverker Alänge (Chalmers University of Technology)

Room C: Institutions, trade and growth

Chair: Hippolyte d'Albis

Discussants: Hippolyte d'Albis; Yoseph Getachew

Institutions quality and growth

Fabien Ngendakuriyo (Catholic University of Louvain)

Growth and inequality: Access to advanced education under credit constraint

Bastien Chabé-Ferret (Université Catholique de Louvain)

Export demand elasticities as determinants of growth: Estimates for Mauritius

Alexis Habiaremye (UNU-MERIT)

Co-author: Thomas Zieseemer (Department of Economics, Maastricht University and UNU-MERIT)

Impact of imported intermediate and capital goods on economic growth: A cross country analysis

Veeramani Choorikkadan (Indira Gandhi Institute of Development Research)

Room D: University-industry linkages

Chair: Cristina Chaminade

Discussants: Cristina Chaminade; Sofiane Ghali

Research organizations-industry interactions at three different stages of the linking process: Micro evidence from the perspective of both agents

Gabriela Dutrénit (Universidad Autonoma Metropolitana, University of Ottawa)

Co-author: Claudia de Fuentes (Universidad Autonoma Metropolitana)

What are the factors driving academy-industry linkages in Latecomer Firms? Evidence from Mexico

Arturo Torres (UAM-X)

Co-authors: Noé Becerra, Gabriela Dutrénit and José Luis Sampedro (UAM-X)

Knowledge for development: The contribution of university-firm interaction in South Africa

Glenda Kruss (Human Sciences Research Council)

University-industry R&D collaboration in the automotive, biotechnology and electronic firms in Malaysia

Rajah Rasiah (University of Malaya and UNU-MERIT)

Co-author: Chandran Govindaraju (University Technology Mara)

Room E: Innovation and firm performance

Chair: Pier Paolo Saviotti

Discussants: Pier Paolo Saviotti; Norbert Janz

Technology-related factors as determinants of export potential of Nigerian manufacturing firms

John Adeoti (Economic and Technology Development Department, Nigerian Institute of Social and Economic Research)

Firm productivity and exports: Evidence from Ethiopian manufacturing

Mulu Gebreeyesus (UNU-MERIT)

Co-author: Arne Bigsten (Department of Economics, University of Gothenburg)

Searching for the link between technological capabilities and productivity in firms: How much do the national framework conditions matter?

Martin Srholec (TIK Centre, University of Oslo)

Co-author: Micheline Goedhuys (UNU-MERIT)

The novelty of innovation and the level of development

Mark Knell (NIFU STEP)

Co-author: Martin Srholec (NIFU STEP)

Room F: Innovation systems and policy learning

Chair: José Cassiolato

Discussants: José Cassiolato; Mario Scerri

Innovation in South African city-regions: Can we explain it?

Jo Lorentzen (Human Sciences Research Council)

Co-authors: Tendeukayi Mugadza (Human Sciences Research Council) and Shirley Robinson (Economic Rise Consulting)

Enhancing technological progress in a market-socialist context: China's national innovation system at the crossroads

Haider Khan (Joseph Korbel School of International Studies)

Co-author: Alberto Gabriele (UNCTAD)

A resource-based strategy for technological dynamism and social inclusion: Desires and realities in Latin America

Alexandre O. Vera-Cruz (UNU-MERIT, Maastricht University and UAM-X)

Co-author: Gabriela Dutrénit (Universidad Autonoma Metropolitana)

Institutions and policy learning supporting economic development

Birgitte Gregersen (Department of Business Studies, Aalborg University)

Co-author: Björn Johnson (Department of Business Studies, Aalborg University)

Room G: Population, health and growth

Chair: Bart Verspagen

Discussants: Bart Verspagen; Fabio Sabatini

Do HIV-AIDS teacher training programs work? Instrumental variables results for the Cameroon

Eric Djimeu Wouabe (CERDI, Université d'Auvergne)

Co-author: Jean-Louis Arcand (The Graduate Institute)

The optimal prevention of epidemics

Hippolyte d'Albis (Toulouse School of Economics and LERNA, Université de Toulouse I)

Co-author: Emmanuelle Augeraud-Véron (LMA, University of La Rochelle)

How do epidemics induce behavioral changes?

Hélène Latzer (UCL)

Co-authors: Raouf Boucekkine (CORE-IRES, UCL) and Rodolphe Desbordes (University of Strathclyde)

The patterns of AIDS' effects on growth and human capital: Evidence from Africa and theory

Falilou Fall (DGTPE - MINEFE)

Co-author: Paul Cahu (DGTPE)

Room A: Sustainability and technology adoption in agriculture

Chair: Mulu Gebreeyesus

Discussants: Mulu Gebreeyesus; Daniel N. Dalohoun

Sustainable and unsustainable agriculture in Ghana and Nigeria: 1960 – 2009

Erik Pallant (Allegheny College)

Co-authors: Meredith Hanlon and Steve Onyeiwu (Allegheny College)

Linkage between indigenous agriculture and sustainable development: Evidence from two hill-communities in Northeast India

Lalsiemlien Pulamte (National Institute of Science, Technology and Development Studies)

Impacts of balanced nutrient management: Systems technologies in the Northern Guinea savanna of Nigeria

Adebayo Akinola (Department of Agricultural Economics, Obafemi Awolowo University)

Co-authors: Arega D. Alene (International Institute of Tropical Agriculture), R. Adeyemo (Department of Agricultural Economics, Obafemi Awolowo University), D. Sanogo, A.S. Olanrewaju, C. Nwoke, G. Nziguheba (International Institute of Tropical Agriculture) and J. Diels (Katholieke Universiteit Leuven)

Analysis of soil moisture conservation techniques with dry season maize crop on hill land at Rubirizi, Rwanda

Narayanan Kannan (Higher Institute of Agriculture and Animal Husbandry)

Co-authors: A.J. Rayar, Mutesa Frank (Higher Institute of Agriculture and Animal Husbandry) and T. Senthivel (Gandhigram Rural University)

Room B: Globalisation and the building of absorptive capacity

Chair: Jo Lorentzen

Discussants: Jo Lorentzen; Isabel Alvarez

Foreign direct investment absorptive capacity theory

Hoang Nguyen (United Nations University, UNU-MERIT)

Co-authors: Geert Duysters (United Nations University, UNU-MERIT), Harald Sander (Cologne University) and James H. Patterson (Indiana University)

Assessing absorptive capacities for sustainability technologies in emerging economies: Experiences with an indicator approach

Rainer Walz (Institute Systems and Innovation Research)

Technology upgrading in China and Vietnam by exporting Japanese high-precision production skills

Yuri Sadoi (Faculty of Economics, Meijo University)

SMEs' absorptive capacities and large firms' knowledge spillovers: Micro evidence from Mexico

Claudia De Fuentes (Universidad Autonoma Metropolitana and University of Ottawa)

Room C: Technical change and productivity growth

Chair: Eddy Szirmai

Discussants: Eddy Szirmai; Lionel Artige

Productivity improvement in Ecowas rice farming: Parametric and non-parametric analysis
Joshua Olusegun Ajetomobi (Ladoke Akintola University of Technology)

An empirical analysis of TFP gains in the agricultural crop-sub-sector of NWFP using
Malmquist Index approach
Adiqa Kausar Kiani (Department of Economics, Federal Urdu University of Arts, Science and
Technology)

Agricultural trade liberalisation, productivity growth and poverty alleviation: A general
equilibrium analysis
Bernard Decaluwe (Laval University)
Co-authors: Nadia Belhaj Hassine and Veronique Robichaud

The evolution and determinants of frontier total factor productivity growth in Tunisia
Sofiane Ghali (FSEGN, University of 7 November)
Co-author: Pierre Mohnen (Maastricht University, UNU-MERIT and CIRANO)

Room D: International knowledge spillovers

Chair: Keun Lee

Discussants: Keun Lee; Anabel Marin

Knowledge flows and technological trajectories in the Mediterranean area: Evidence from patent
citations
Roberto Mavilia (Universidad Complutense de Madrid and KITEs, Bocconi University)
Co-author: Massimiliano Ferrara (Mediterranean University of Reggio Calabria)

Inventing together: Exploring the nature of international knowledge spillovers in Latin America
Fabio Montobbio (KITES, Bocconi University)
Co-author: Valerio Sterzi (KITES, Bocconi University)

International technology diffusion and economic growth: Explaining the spillover benefits to
developing countries
Abdoulaye Seck (Cheikh Anta Diop University)

FDI, domestic investment and economic growth: A theoretical framework
Bhissum Nowbutsing (University of Technology Mauritius)

Room E: Measuring innovation: surveys and indicators

Chair: Philippe Mawoko

Discussants: Philippe Mawoko; Manuel Mira Godinho

Innovation surveys and innovation policy
Pierre Mohnen (University of Maastricht and UNU-MERIT)
Co-author: Jacques Mairesse (CREST/INSEE, University of Maastricht, UNU-MERIT, NBER)

Outputs of innovation systems: A European perspective
Jon Mikel Zabala (CIRCLE, Lund University)
Co-author: Charles Edquist (CIRCLE, Lund University)

The prevalence of user innovation and free innovation transfers: Implications for statistical indicators and innovation policy

Fred Gault (International Development Research Centre)

Co-author: Eric von Hippel (MIT Sloan School of Management)

User intermediation in open innovation: The case of the European living labs

Henry Lopez-Vega (ESADE Business School)

Room F: Innovation systems and policy actors

Chair: Rajah Rasiah

Discussants: Rajah Rasiah; Annalisa Primi

Modeling the growth of emerging technologies in Malaysian research and development system

Chan Yuan Wong (Faculty of Economics and Administration, Universiti Malaya)

Co-authors: Thirucelvam K. and Kurunathan Ratnavelu (Faculty of Economics and Administration, Universiti Malaya)

Formation of tax strategy of innovative development of national economy of Byelorussia: Tax policy as the tool of development of innovative economy

Elena Kireeva (Belarus State Economic University)

Experientially-based executive learning: Early experiences at the National Institute for Educational Planning and Administration, Nigeria

James Banji Fadokun (NIEPA)

What determines production and utilization of research for development? The case of the Moroccan Ministry of Finance

Brahim Mansouri (Marrakech University)

Room G: Social aspects of innovation

Chair: Birgitte Gregersen

Discussants: Birgitte Gregersen; Bo Göransson

Distributive paths and channels of emerging technologies in developing countries: What can we learn from biotechnology and ICTs in Argentina and Costa Rica?

Isabel Bortagaray (University of the Republic Uruguay and Technology Policy and Assessment Center, Georgia Institute of Technology)

Co-author: Susan Cozzens (Ivan Allen College, School of Public Policy and Technology Policy and Assessment Center, Georgia Institute of Technology)

Emerging technologies and inequalities: Beyond the technological transition

Susan Cozzens (Technology Policy and Assessment Center and School of Public Policy, Georgia Institute of Technology)

On firm investment in innovation and corporate social responsibility in the presence of activists

Shyaman Ramani (Department of Economics, Jadavpur University)

Co-author: Vivekananda Mukherjee (Jadavpur University)

Room A: Traditional industries: institutions and welfare

Chair: Isabel Bortagaray

Discussants: Isabel Bortagaray; Nora Engel

On conservation and development: The role of traditional mud brick firms in Southern Yemen
Deepa Mehta (Community and the Built Environment)

Vulnerability of urban informal sector: Street vendors in Yogyakarta, Indonesia
Aloysius Gunadi Brata (Faculty of Economics, Atma Jaya Yogyakarta University)

Innovative health care service solutions via microeconomic intentional community business development
Beth Ann Fiedler (University of Central Florida)

Room B: Learning and capabilities, evidence from Latin America

Chair: Arturo Torres

Discussants: Arturo Torres; Eva Dantas

Learning and the creation of innovation capabilities in Argentina's auto parts industry
Jorge José Motta (Universidad Nacional de Córdoba)

Innovative capabilities in Argentine manufacturing firms: Linking static and dynamic advantages
Anabel Marin (SPRU)
Co-author: Martin Bell (SPRU)

Drivers of technological capabilities in developing countries: An econometric analysis of Argentina, Brazil and Chile
Maria Alejandra Molina (University of Rome III)

Room C: Growth and environment

Chair: Rainer Walz

Discussants: Rainer Walz; Sotamenou Joel

Stochastic environmental effects, demographic variation and economic growth
Tapas Mishra (University of Wales and IIASA)
Co-author: Théophile T. Azomahou (UNU-MERIT and Maastricht University)

Trends in rainfall and economic growth in Africa: A neglected cause of the African growth tragedy
Luisito Bertinelli (CREA, University of Luxembourg)
Co-authors: Salvador Barrios (European Commission, Directorate General Joint Research Centre, Institute for Prospective Technological Studies) and Eric Strobl (Ecole Polytechnique Paris)

Stuck in the jam: CO₂ emissions, growth and technical change in Mexico
Francisco Aguayo (El Colegio de México and UNU-MERIT)

Room E: Indicators and measurement

Chair: Glenda Kruss

Discussants: Glenda Kruss; Carmen Contreras

Increasing or decreasing returns to GDP per capita in the Human Development Index (HDI)?
Saha Jean Claude (Faculty of Economics, University of Ngaoundere)

Automated generation of metadata for studying and teaching about Africa from an Africancentric perspective: Opportunities, barriers and signs of hope
Abdul Karim Bangura (Howard University)

Open model of innovation: How Belarus responds to the world trends of development
Nina Bohdan (Banking and Finance Faculty, Belarus State Economic University)

Room F: The development of innovation systems

Chair: Alexandre O. Vera-Cruz

Discussants: Alexandre O. Vera-Cruz; Astrid Szogs

Innovation stickiness: Loyalty, culture and innovation effectiveness
Carin Holroyd (University of Waterloo)

Early development of a Southern African system of innovation
Thomas Pogue (Institute for Economic Research on Innovation, Faculty of Economic Sciences, Tshwane University of Technology)

Modes of innovation and the evolution of the South African national system of innovation
Mario Scerri (IERI)

Room G: Microfinance et développement

Chair: Ake N'gbo

Discussants: Ake N'gbo; Christian Ebeke

Les déterminants de la viabilité financière
Maty Sene (Audenci, Université de Nantes)

La microfinance au Congo Brazzaville: Sa contribution dans le financement de l'économie et les faiblesses de son cadre juridique et institutionnel
Wolf Ulrich Akiana Mfere (CERAPE)

Un cas marocain de finance informelle innovante: La pseudo-hypothèque immobilière et la rationalité individuelle à Marrakech
Brahim Mansouri (Marrakech University)
Co-author: Mustapha Ziky (Marrakech University)

Room A: Innovation and technology adoption in agriculture

Chair: Laurens Klerkx

Discussants: Laurens Klerkx; Magnus Gulbrandsen

New agricultural technology promotion and self-organizing systems of innovation: The case of NERICA in Guinea and Benin

Daniel N. Dalohoun (West Africa Rural Innovations Policy Studies Hub, United Nations University MERIT/INRA and University of Ghana)

Co-authors: Andy Hall (United Nations University, UNU-MERIT and Learning Innovation Knowledge group) and Paul Van Mele (WARDA and Learning & Innovation Systems)

Technological constraint and farmers' vulnerability in selected developing countries (Nigeria and Vietnam)

John O. Adeoti (Economic and Technology Development Department, Nigerian Institute of Social and Economic Research)

Determinants of re-cycling and use of domestic waste in urban swamp areas of Yaounde in Cameroon

Sotamenou Joel (University of Yaounde II)

Soil and water conservation innovations to address food security in Africa: Role of knowledge management systems in improving adoption

Amon Kabuli (World Association for Soil and Water Conservation, Bunda College of Agriculture)

Room B: Globalisation, IP and innovation in biotech and pharmaceuticals

Chair: Padmashree Gehl Sampath

Discussant: Padmashree Gehl Sampath; Marion Motari

South-South parallel import and cost reducing innovation in the pharmaceutical industry: An alternative approach

Alireza Naghavi (University of Bologna)

Co-author: Andrea Mantovani (University of Bologna)

Changed patent policy and biopharma innovation in India by foreign investment and technology transfer

Rakhi Rashmi (University of Nice)

Food safety regulations and trade effects: The case of Indian seafood industry with special reference to Kerala, South India

Jayasekhar Somasekharan (Center for Development Studies)

From TRIPS to TRIPS Plus provisions

Patents protection and public health promotion in developing countries: Raising the stakes for drugs accessibility

Samira Guennif (CEPN, Université Paris 13)

Room C: ICT applications

Chair: Björn Johnson

Discussants: Björn Johnson; Erika Kraemer-Mbula

Using e-clustering to reinvigorate the Mano River Union
Abdul Karim Bangura (Howard University)

Leveraging social capital for achieving inclusive growth through grassroots entrepreneurial innovation: Learnings from Information and Communication Technologies (ICTs) and indigenous community enterprises in Central India
Yogesh Jadhav (Institute of Professional Education and Research)

Educational uses of short messaging service by students in Nigerian universities
Williams E. Nwagwu (Africa Regional Centre for Information Science, University of Ibadan)

The microentrepreneurialism-internet utilisation nexus in Harare: Lessons from small business operators at Newlands Shopping Centre
Innocent Chirisa (University of Zimbabwe)
Co-author: Wendy W. Mandaza (Department of Rural & Urban Planning, University of Zimbabwe)

Room D: Migration, innovation et marché du travail

Chair: Pierre Mohnen

Discussants: Pierre Mohnen ; Maty Sene

L'émigration internationale en Afrique Subsaharienne
Honoré Mimche (IFORD)
Co-author: Idrissou Mounpe Chare (Université de Yaoundé I)

L'impact des transferts des migrants sur la prévalence du travail des enfants
Christian Ebeke (CERDI, Université d'Auvergne)

Les effets de l'ouverture et de l'innovation stratégique sur le marché de travail dans les secteurs de l'industrie tunisienne
Chokri Terzi (Faculté des Sciences Economiques et de Gestion de Tunis)

Room E: Innovation and diffusion of ICT

Chair: K.J. Joseph

Discussant: K.J. Joseph; João Resende

Development of a measure for technological capability in the information and communications technology industry in Nigeria
Helen Aderemi (National Centre for Technology Management)
Co-authors: T.O. Oyebisi and A.A. Adeniyi (Technology Planning and Development Unit, Faculty of Technology, Obafemi Awolowo University)

Innovation activity in the Indian software industry
Sujit Bhattacharya (Jawaharlal Nehru University and NISTADS)
Co-author: Kashmiri Lal (National Institute of Science Technology and Development Studies)

Investments in ICT-capital and productivity of SMEs: Empirical evidence from Cameroon
Christophe Kana Kenfack (University of Yaounde II)

Co-authors: Nketcha Nana Pierre Valere (University of Laval) and Christophe Peguy Choub Faha (University of Yaounde II)

Linkages between level of educational attainment and technology diffusion in developing countries

Kumar Naresh (National Institute of Science Technology & Development Studies)

Co-author: Shailaja Rego (NMIMS University)

Room F: Industrial catching-up

Chair: Mammo Muchie

Breaking in and moving up, the experience of ten dynamic locations

Rajah Rasiah (University of Malaya, Faculty of Economics and Administration)

Industrial growth and catch-up in China

Eddy Szirmai (United Nations University, UNU-MERIT)

Room G: Gender aspects, innovation and development

Chair: Bastien Chabé-Ferret

Discussant: Bastien Chabé-Ferret; Tolulope Olayemi Oyekale

Pro-male gender gap-bias in school enrolment: Systematic or selection among the weak?

Michel Tenikue (CRED, University of Namur)

Gender, economic performance and intra-household resources allocation: Evidence from Senegal, West Africa

Aifa Fatimata Ndoye Niane (Development Economics Group, Wageningen University)

Intra-household decision making: Bargaining over expenditures in rural households in Senegal

Fatimata Dia Sow (Economic of Consumer and Household Group, Wageningen University)

Co-authors: Antonides Gerrit (ECH) and Niehof Anke (Sociology of Consumer and Household)

Development of gender-specific technologies: Evidence from China, Poland and Sweden

Bo Göransson (Research Policy Institute, Lund University)

Co-author: Max Rolfstam (Research Policy Institute, Lund University)

Room A: Innovation for sustainable energy

Chair: Allan Dahl Andersen

Discussants: Allan Dahl Andersen; Francisco Aguayo

Towards reforming Africa's wood fuel for enhancing food productivity and environmental protection

Sabo Bako (Ahmadu Bello University)

Perspectives for the biodiesel production and the Brazilian family farmers in the semi-arid region
Junior Garcia (University of Campinas)

Co-author: Ademar Romeiro (University of Campinas - Unicamp)

The evolution of the knowledge accumulation function in the formation of the Brazilian biofuels innovation system

Eva Dantas (German Development Institute)

Co-author: Paulo Figueiredo (Getulio Vargas Foundation)

The emergence of fuel cell technology and challenges to latecomer countries: Insights from Singapore and Malaysia

Zeeda Fatimah Mohamad (University of Malaya)

Room B: Innovation systems in bio-technology and pharmaceuticals

Chair: Helena Lastres

Discussants: Helena Lastres; Joanna Chataway

Great expectations: The state of biotechnology research and development in South Africa
Michael Gastrow (Human Sciences Research Council)

The South African biomedical research paradox: Can academic patenting and licensing foster biopharmaceutical innovation?

Marion Motari (UNU-MERIT)

Institutional changes and their impacts on the Brazilian pharmaceutical industry: Is there an innovation system on the way?

Eduardo Urias (State University of Campinas)

Co-author: Joao Furtado (Politechnic School of São Paulo State University)

Africa's green and gene revolutions: Innovation in agriculture, biotechnology and food security
Padmashree Gehl Sampath (IQsensato and UNU-MERIT)

Co-author: Banji Oyelaran-Oyeyinka

Room C: Structure du marché et innovation; Les TICs, études de cas

Chair: Mbaye Diene

Discussants: Mbaye Diene ; Edith Togba

R&D, inégalités et imperfections du marché du capital

Loesse J. Esso (EUREQua-CES, Maison des Sciences Economiques, Université Paris 1-Panthéon-Sorbonne)

Les firmes innovatrices en concurrence duopolistique: L'approche statique
Babacar Ndiaye (GREDEG)

La mode vestimentaire féminine à Brazzaville dans le contexte de la révolution des TIC: Entre innovation et imitation entrepreneuriales
Nadège Bibila (CERAPE)

Incidence des technologies de l'information et de communication sur les performances des micro-entreprises et des PME à Brazzaville
Prisca Rolande Miyouna (CERAPE)

Room D: The role of developing countries in FDI and M&As

Chair: Mark Knell

Discussants: Mark Knell; Watu Wamae

Outward foreign direct investment from emerging economies: Trends, drivers and firm-driven home government policies

Peter Gammeltoft (Copenhagen Business School)

Co-author: Rajah Rasiah (Faculty of Economics and Administration, University of Malaya)

South Africa as regional pole of innovation and development in Sub-Saharan Africa

Erika Kraemer-Mbula (Institute for Economic Research on Innovation and University of Oxford)

Co-author: Mammo Muchie (Institute for Economics Research on Innovation)

M&A attractiveness in the developing world

Tashmia Ismail (Gordon Institute of Business Science)

Co-author: Helena Barnard (GIBS)

FDI entry modes and host country differences

Isabel Alvarez (Universidad Complutense de Madrid)

Co-author: Raquel Marin (UEM)

Room E: Human resources and innovation in firms

Chair: Andrea Morrison

Discussants: Andrea Morrison; Ming Feng Tang

Human resource management and learning based on in-house R&D efforts in a developing country context

Fernando Santiago (UNU-MERIT)

Co-author: Ludovico Alcorta (ONUDI)

Workforce age and technology adoption in small and medium-sized service firms

Jenny Meyer (ZEW Centre for European Economic Research)

Building technological-innovation-based strategic capabilities in a textile company in China: A dynamic resource-based-view

Ju Liu (School of Economics and Management, University of Electronic Science and Technology of China)

Co-authors: Angathevar Baskaran (Business School, Middlesex University) and Shiming Li (School of Economics and Management, University of Electronic Science and Technology of China)

The quality of enterprise human capital: Empirical evidence based on enterprise survey in China
Wang Min (Renmin University of China)

Co-authors: Xiaoling Lu (School of Statistics, Renmin University of China) and Yanyun Zhao (School of Statistics, Renmin University of China and Center for Applied Statistics of Renmin, University of China)

Room F: Innovation policy tools

Chair: Erkki Kaukonen

Discussants: Erkki Kaukonen; Elif Bascavusoglu-Moreau

Incubators as tool for entrepreneurship promotion in developing countries

I. Semih Akcomak (Department of Economics and UNU-MERIT, Maastricht University and CPB Netherlands Bureau for Economic Policy Analysis)

Building systems of innovation in less developed countries: The role of intermediate organizations

Astrid Szogs (Lund University)

Co-authors: Andrew Cummings (FUNDE) and Cristina Chaminade (Lund University)

National technology transfer centers: An efficient policy instrument to capitalize university research findings?

Ming Feng Tang (School of Business Administration, Southwestern University of Finance & Economics and BETA, Université Louis Pasteur)

Co-author: Mireille Matt (BETA, Louis Pasteur University)

Building the digital TV standard: The Brazilian experience

Taynah Souza (Inmetro)

Co-author: Rodolfo Saboia Lima de Souza (Inmetro)

Room G: Pro-poor innovation

Chair: Claes Brundenius

Discussants: Claes Brundenius; Niringiye Aggrey

Taking innovation to the poor: Lessons from sanitation activists in India

Shuan SadreGhazi (UNU-MERIT)

Co-authors: Shyama Ramani (INRA & UNU-MERIT) and Geert Duysters (UNU-MERIT)

Innovation to fight hunger: The case of Plumpy'Nut

José Guimón (Department of Economic Structure and Development Economics, Autonomous University of Madrid)

Co-authors: Pablo Guimón (El País Semanal)

Biorights as a pro-poor economic paradigm for sustainable environmental development in global South

Dipayan Dey (South Asian Forum for Environment)

Room A: Energie, systèmes d'innovation

Chair: Luisito Bertilleni

Discussants: Luisito Bertilleni; Babacar Ndiaye

Convergence des émissions par tête de dioxyde de carbone: Le rôle du capital humain
Somlanare Romuald Kinda (CERDI)

Energie et pauvreté: Une analyse de l'accessibilité des ménages urbains aux combustibles propres en Côte d'Ivoire
Wadjamsse Beaudelaire Djezou (Université de Cocody)

Globalisation - Innovation: Pays développés - PVD et formes d'inégalités
Chokri Terzi (Faculté des Sciences Economique et de Gestion de Tunis)

Construction des systèmes d'innovation en phase de décollage dans les pays Africains: Essai d'analyse à partir des centres techniques industriels au Maghreb
Abdelkader Djeflat (MAGHTECH/CLERSE/USTL)

Room B: Social capital and entrepreneurship

Chair: Banji Oyelaran-Oyeyinka

Discussants: Banji Oyelaran-Oyeyinka; Semih Ackomak

The fragility of social capital
Fabio Sabatini (University of Siena, Faculty of Political Science and Department of Economics)
Co-authors: Angelo Antoci (Dipartimento di Economia Impresa e Regolamentazione, Università di Sassari) and Mauro Sodini (Dipartimento di Statistica e Matematica Applicata all'Economia, Università di Pisa)

Innovation and social capital in the small-medium enterprises: A case of bamboo handicraft in Indonesia
Aloysius Gunadi Brata (Faculty of Economics, Atma Jaya Yogyakarta University)

The interplay of human and social capital in entrepreneurship in developing countries: The case of Uganda
Adam Szirmai (UNU-MERIT and Maastricht Graduate School of Governance, Maastricht University)
Co-authors: Gerrit Rooks (Eindhoven University of Technology and Makerere University Business School) and Arthur Sserwanga (Makerere University Business School)

Social capability deficits and productivity behaviour of African entrepreneurs: Evidence from Lesotho garment producers
Abdelrasaq Na-Allah (Institute for Economics Research on Innovation)
Co-author: Mammo Muchie (Institute for Economics Research on Innovation)

Room C: Microfinance

Chair: Aifa Fatimata Ndoye Niane

Discussants: Aifa Fatimata Ndoye Niane; Fatimata Dia Sow

A lesson of success in microfinance in Africa: The experience of ACSI in Ethiopia
Esayas Bekele Geleta (Department of Sociology, National University College Cork)

Microfinance, social capital and households access to credit: Evidence from Côte d'Ivoire
Edith Togba (University of Cocody)

Credit constraints under interaction of supply rationing and demand depression: Evidence from rural households in China
Yu Cheng (Institute of Policy and Management and Chinese Academy of Science)

Micro credit, empowerment and diversion of loan use
Jameela Vadakarasseril Anandan (University of Kerala)

Room D: FDI, spillovers and innovation

Chair: Peter Gammeltoft

Discussants: Peter Gammeltoft; Fabio Montobbio

MNEs and export spillovers: An analysis of Indian manufacturing industries
Sasidharan Subash (Madras School of Economics)
Co-author: Chiara Franco (University of Bologna, Department of Economics)

Structural transformation of Portuguese exports and the role of foreign direct investment: Some descriptive analysis for the period 1990-2005
Ricardo Mamede (ISCTE)
Co-author: Miguel Lebre de Freitas (UA, GEE, NIPE)

Foreign direct investment and innovation: Some evidence in a few European regions
Lionel Artige (HEC-ULg - Département d'Economie)
Co-author: Rosella Nicolini (Instituto de Análisis Económico and CSIC, Universitat Autònoma de Barcelona)

FDI and the national innovation system: Evidence from emerging economies in Central and Eastern Europe
Björn Jindra (Halle Institute for Economic Research Knowledge and Innovation)
Co-author: Jutta Günther (Halle Institute for Economic Research) and Johannes Stephan (Halle Institute for Economic Research)

Room E: Eco-innovation and innovative performance of firms

Chair: Jeffrey Orozco

Discussants: Jeffrey Orozco; Zeeda Fatimah Mohamad

Eco-innovation and financial performance in Africa: Evidence from the pulp and paper industry
Joseph Adelegan (Global Network for Environment and Economic Development Research)
Co-author: Bo Carlsson (Research Policy Institute), E. Mandel DeWindt and Sheri Perelli (Case Western Reserve University, Weatherhead School of Management)

Environmental innovation and the competitive performance of Brazilian firms
Maria Gabriela Podcameni (RedeSist, Economics Institute, Federal University of Rio de Janeiro)
Co-authors: Maria Clara Couto Soares and José Eduardo Cassiolato (RedeSist, Economics Institute, Federal University of Rio de Janeiro)

Entrepreneurship and national system of innovation: What is missing in Turkey?
Elif Bascavusoglu-Moreau (Imperial College Business School)

Opening the black box of design: The importance of innovation processes within clothing sector
Diego Silva Failde (General Sarmiento National University)
Co-authors: Paulina Becerra (Research Center for Industrial Design of Complex Products and FADU, University of Buenos Aires) and Gabriel Yoguel (Institute of Industry, General Sarmiento National University)

Room F: Innovation research for development

Chair: Gabriela Dutrénit

Discussants: Gabriela Dutrénit; Fernando Santiago

Researching innovation in low-income countries: The state of the art
Jo Lorentzen (Human Sciences Research Council)
Co-authors: Rahma Mohamed, Feri Gwata, Glenda Kruss, Michael Gastrow and Il-haam Petersen (Human Sciences Research Council)

Bridging innovation system research and development studies: Challenges and research opportunities
Bengt-Åke Lundvall (Aalborg University)
Co-authors: Jan Vang (Copenhagen Institute of Technology, Aalborg University), K.J. Joseph (Centre for Development Studies) and Cristina Chaminade (Circle, Lund University)

Enhancing the role of knowledge and innovation for development
Watu Wamae (The Open University)

The copying paradox: Why converging policies but diverging capacities development in Eastern European Innovation Systems?
Erkki Karo (Tallinn University of Technology)
Co-author: Rainer Kattel (Tallinn University of Technology)

Room G: Poverty dimensions

Chair: Bernard Decaluwe

Discussants: Bernard Decaluwe; Alexis Habiyaremye

Fuzzy set approach to multidimensional poverty decomposition in rural Nigeria
Tolulope Olayemi Oyekale (Dept. of Agric Economics, University of Ibadan)
Co-authors: F.Y. Okunmadewa, B.T Omonona and O.A. Oni (Department of Agricultural Economics, University of Ibadan)

Access to information: The dilemma for rural community development in Africa
Manir Abdullahi Kamba (Bayero University Kano)

Does social capital determine poverty? Evidence from Cameroon household survey
Tabi Atemnkeng Johannes (University of Dschang, Faculty of Economics and Management)

Poverty trap and public capital
Yoseph Getachew (United Nation University, UNU-MERIT)