



**LEI & BRICK**

(University of Torino – Collegio Carlo Alberto)

**GREDEG**

(Groupe de Recherche en Droit, Economie, Gestion), Université de Nice Sophia Antipolis & CNRS

**EHESS**

(Ecole des Hautes Etudes en Sciences Sociales)

**IZO**

(Interdisziplinäres Institut für Ostasienstudien), University of Frankfurt & Department of Management and Microeconomics

**International workshop**

**Understanding the emergence of new industries.**

**Between path dependency and path plasticity**

To be held at the University of Torino

Department of Economics & Collegio Carlo Alberto

7<sup>th</sup> and 8<sup>th</sup> October 2010



Thursday 7 <sup>th</sup> October 2010		
<b>11.00</b>	<b>Opening/Welcome Addresses</b>	
<b>11.00-12.00</b>	<b>Keynote (I)</b>	David AUDRETSCH (Indiana University) <i>Scientist University in the emergence of the life science industries</i>
<b>12.00-13.00</b>	<b>Session (1)</b>	<i>Dynamics of Knowledge-Based Industries</i>
		<ol style="list-style-type: none"> <li>1) Brachert and Hornych, “Entrepreneurial opportunity and the formation of photovoltaic clusters in Eastern Germany”</li> <li>2) Krafft, Quatraro and Saviotti, “ Structural Change of Knowledge Base in Knowledge Intensive Sectors: A social network analysis”</li> </ol>
<b>13.00-14.00</b>	<b>Lunch</b>	
<b>14.00-15.30</b>	<b>Session (2)</b>	<i>Path Dependence and Path Plasticity</i>
		<ol style="list-style-type: none"> <li>1) Lechevalier and Storz, “The plastic property of paths. The path-dependent emergence of the personal robot industry in Japan”</li> <li>2) Zeppini and Frenken, “ Technology as an autocatalytic network with recombinant innovation”</li> <li>3) Colombelli and von Tunzelmann, “ The persistence of innovation and path dependence”</li> </ol>
<b>15.30-15.45</b>	<b>Coffee break</b>	
<b>15.45-16.45</b>	<b>Keynote (II)</b>	Kenneth L. SIMONS (Rensselaer Polytechnic Institute) <i>The dynamics of disruptive technological changes</i>
<b>16.54-17.00</b>	<b>Coffee break</b>	
<b>17.00-18.30</b>	<b>Session (3)</b>	<i>Emergence of new industries (I)</i>
		<ol style="list-style-type: none"> <li>1) Nabi and Dornberger; “ Emergence of Industry and Insufficient Institutions –Development of the Pharmaceutical Industry in Bangladesh”</li> <li>2) Neffke et al., “How do regions diversify over time? The importance of industry relatedness in developing new growth paths in regions”</li> <li>3) Lehrer and Banerjee, “ When Product Innovation Follows Process Innovation: The Emergence of ERP Software and PCR DNA Product Segments”</li> </ol>
<b>18.30</b>	<b>Bus back to the Hotel</b>	

Friday 8 <sup>th</sup> October 2010		
9.30-10.30	Keynote (III)	Dominique FORAY (Ecole Polytechnique Federale de Lousanne) <i>On the economics of the emergence of 'toolindustries': a case study on educational tools</i>
10.30-10.45	Coffee Break	
10.45-12.15	Session (4)	<i>Path Dependence and Path Plasticity</i>
		<ol style="list-style-type: none"> <li>1) Samaganova and Strambach, "Path plasticity and territorial knowledge dynamics – The emergence of the German and Russian business software industry"</li> <li>2) De Vaan and Boschma, "The emergence and growth of a 'new' industry: evidence from the video game industry"</li> <li>3) Seri, "Regional structural change and small firms' adaptabilities: Evidence from Italian firm-level data"</li> </ol>
12.15-13.15	Lunch	
13.15-14.45	Session (5)	<i>Emergence of New Industries (II)</i>
		<ol style="list-style-type: none"> <li>1) Kato, "Firm Survival and the Evolution of Market Structure: The Case of the Japanese Motorcycle Industry"</li> <li>2) Mikkola and Uusitalo, "Explaining the new industry emergence with networks a case-study of the laser industry in Finland"</li> <li>3) Anchordoguy, "Entrepreneurship, innovation, and the emergence of new industries in Japan"</li> </ol>
14.45-15.00	Coffee Break	
15.00-16.30	Session (6)	<i>Regulation</i>
		<ol style="list-style-type: none"> <li>1) Pawlicki, "New Industries and location in semiconductors- the role of industry, state and markets. The case of the Taiwanese fables chipdesigner Mediatek"</li> <li>2) Costantini and Crespi, "Public policies for a sustainable energy sector: regulation, diversity and fostering of innovation"</li> <li>3) Maula et al., "The Birth of new industries"</li> </ol>
16.30	End of the Conference	