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Cycle de conférences de Charles Edquist sur les politiques de l'innovation

6 mars, 20 mars, 3 avril 2012 de 16h30 à 18h00
CNAM, Paris

Charles Edquist donnera trois Conférences sur les politiques d'innovation. Ces conférences sont conçues de façon à intéresser un large public, parmi les membres de l'IFRIS et au-delà. Charles Edquist, spécialiste de l'analyse des systèmes d'innovation, discutera des politiques d'innovation en faisant référence à la fois aux STS et aux études de l'innovation.

The History and Design of Innovation Policy

6 mars 2012 - CNAM 2 rue Conté, 75003 PARIS. Accès 37 - 1er étage - Salle des conseils (37.1.49)

Discutant : **Philippe Larédo**, Université Paris-Est, University of Manchester

This seminar focuses upon the design of innovation policy through diagnostic analysis; it provides a framework for identification of systemic problems (or failures) in innovation systems. 'Activities' in innovation systems are the determinants of the development and diffusion of innovations. Examples are R&D, provision of organizations and institutions, financing of innovations, incubation, etc. These activities are partly performed by private organizations and partly by public organizations, the latter performing tasks that constitute innovation policy. To design innovation policy, the problems (failures) in the systems must be identified, which necessitates being able to measure and explain innovation intensities.

Public Procurement for Innovation as Mission-oriented Innovation Policy

20 mars 2012 - CNAM 2 rue Conté, 75003 PARIS. Accès 35 - Amphi G. Planté (35.1.1)

Discutant : **Benjamin Coriat**, CEPN, Université Paris 13

This seminar focuses on public procurement for innovation as a very powerful demand-side innovation policy instrument to be exploited in the mitigation of grand global challenges (climate, energy, health, etc). The paper intends to provide some clarification on what should be regarded (and what should not) as innovation procurement. We define what we mean by public procurement for innovation and categorize it according to three dimensions: (i) the user of the purchased good; (ii) the character of the procurement process; and (iii) the cooperative or non-cooperative nature of the process. In addition, we illustrate which are the main stages in innovation procurement processes and exemplify them with six cases. These six cases evidence the potential of public procurement for innovation which can contribute to satisfying unsatisfied human needs and to solving societal problems.

The Knowledge basis of the Innovation Process

3 Avril 2012 - CNAM 2 rue Conté, 75003 PARIS. Accès 37 - 1er étage - Salle des conseils (37.1.49)

Discutant : **Pascal Petit**, CEPN, Université Paris 13

This seminar will focus upon the important links between research, learning/education and innovation in public policies. Research and Development (R&D) and competence building are two important inputs to the innovation process. R&D increases the stock of available knowledge. Basic R&D, dominantly resulting in radical innovation, has traditionally been an activity partly financed and carried out by public agencies. Much of applied R&D, mainly resulting in incremental innovation, is financed and performed by firms. The relations between firms, universities and public research agencies are important mechanisms in innovation systems. Competence building is a matter of transferring existing knowledge among individuals and organizations in the systems. Both formal learning (schooling) and informal learning (taking place in firms and in networks) are important processes in innovation systems, but – as opposed to R&D – highly neglected in innovation research. The knowledge basis of the innovation process also includes knowledge about innovation processes and about the operation of innovation systems as such.



Charles Edquist is the Holder of the Ruben Rausing Chair in Innovation Research at CIRCLE, Lund University, Sweden. During October 2011 - April 2012, he is a guest professor at Institut Francilien Recherche Innovation Société (IFRIS), Paris. He has published around 15 books and numerous articles on innovation processes, innovation systems and innovation policy. This includes his 1997 book entitled “Systems of Innovation: Technologies, Institutions and Organizations” and “Small Country Innovation Systems: Globalization, Change and Policy in Asia and Europe” (2008), as well as various publications on innovation policy. The

impact of his research is indicated by the fact the he is among 50 (or so) most cited innovation researchers in the world. He was one of the founders of CIRCLE (Centre for Innovation, Research and Competence in the Learning Economy) in 2004 - www.circle.lu.se - as well as its director during the first seven years, when the research staff increased from zero to 40 persons. Currently he works mainly on issues related to innovation policy as a writer and an advisor.

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SELECTED REFERENCES

Edquist, C. 'Design of innovation policy through diagnostic analysis: Identification of systemic problems (or failures)'. *Industrial and Corporate Change*, 20 (6) 2011 , pp 1 – 29. (Background for the Conférence on March 6, 2012.)

Edquist, C. and J. M. Zabala Iturriagoitia. 'Public procurement for Innovation (PPI) as Mission-oriented Innovation Policy', Planned for special section in *Research Policy* 2012 on innovation policies to mitigate grand global challenges. (Basis for the Conférence on March 20, 2012.)

Chaminade, C. & **Edquist, C.** (2010). 'Rationales for public policy intervention in the innovation process: A systems of innovation approach', in Kuhlman, S., Shapira, P, Smits, R., *Innovation Policy – Theory and Practice. An International Handbook.* Edward Elgar.

Edquist, C. and Hommen, L. (ed.) 'Small Economy Innovation Systems: Comparing Globalisation, Change and Policy in Asia and Europe', Edward Elgar Publishing 2008, 600 pp. (Also published in Chinese 2011.)

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Edquist, C., Hommen, L. and Tsipouri, L. (eds.). *Public Technology Procurement and Innovation*, Kluwer Academic Publishers, Boston/Dordrecht/London, 2000, 311 pp. (includes six co-authored chapters).

Edquist, C. (ed.) *Systems of Innovation: Technologies, Institutions and Organizations*, London (Pinter Publishers/Cassell Academic), 1997, 432 pp.

For more information click 'staff' and then 'Charles Edquist' at: www.circle.lu.se



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