

# CURRICULUM VITAE

(Short CV 2009)

*Family name:* **HERAUD**

*First name:* **Jean-Alain**

*Birth:* November 10th, 1949  
at Ste Livrade (Lot et Garonne), France

*Nationality:* French

*Civil status:* married, 2 children

*Prof. address:* FSEG (Faculty of Economics), 61, avenue de la Forêt-Noire F-67085 Strasbourg Cedex  
Tel: +33 3 68 85 21 44 Fax: +33 3 68 85 20 71  
E-mail: heraud@unistra.fr

*Present position:* Professor of Economics at Université de Strasbourg (UdS), France.  
Director (*Doyen*) of the Faculty of economics, FSEG, UdS.  
Director of BETA-Cereq: Centre for the study of education, skills and employment, within the BETA joint research institute.

*Education and professional experience:*

Master's degree (1973) and PhD (1979) of Economics at Université Louis Pasteur, Strasbourg.  
Professor of Economics (Nancy in 1990, Strasbourg since 1993)  
Head of BETA, a joint research institute University/CNRS from 1991 to 2000.  
Direction of or participation to several research programmes of the EC in areas like: technology foresight and policy evaluation, regional convergence, learning systems  
Other responsibilities for French public administration: evaluation, foresight, planning in the area of science, technology and education (at national and regional levels)

*Language skills:* French (native), English, German (fluent), Japanese (notions).

*Key scientific qualifications:*

Economics of knowledge and innovation;  
Science and technology foresight and policy evaluation;  
Regional development; Strategic management and Industrial organization;  
Education, skills and employment

*Main research activities and scientific expertise (last 10 years)*

- \* Organisation of and contribution to international research programmes financed by the European Union on Technology foresight and policy evaluation (ASTPP), Regional economic/technological convergence in Europe (CONVERGE), Innovation needs of firms at regional level in Europe (RETINE), Professional identities in the different national education and training systems in Europe (FAME), Design and implementation of science and technology policy in the context of the European Research Area (PRIME).
- \* Research contracts for various French institutions: Ministry of Defence (innovation process in military vs civilian industrial sectors); Institut Français de l'Energie (competence management and technological trajectories in energy-related industries, technological development and private/public policies in the main world regions: fuel cells); Academic institutions and regional authorities (local economic impact of universities; evaluation of regional innovation systems); etc.
- \* International expertise: Evaluation of the South African innovation policy (2002); Strategic audit of Fraunhofer Institute ISI (Karlsruhe) in 2004, ERA expert workshop at EC-DG research, Brussels, 2007; etc.

*Courses and lectures at University Louis Pasteur*

Microeconomics  
Strategic management and firms' structure  
Theory of organisations  
National and regional systems of innovation  
Economics of Energy

*Courses and lectures in other countries*

National systems of innovation (University of Freiburg, Germany)  
Industrial organisation (University of Virginia, USA)

*Main Publications (shortened list, last 15 years)*

*Books*

- Maurice BASLE, Daniel DUFOURT, Jean-Alain HÉRAUD, Jacques PERRIN (eds.), *Changement institutionnel et changement technologique – Évaluation, droits de propriété intellectuelle, système national d'innovation*, CNRS Éditions, 1995. (Institutional change and technological change: evaluation, intellectual property rights, national system of innovation)
- Bernard HAUDEVILLE, Jean-Alain HÉRAUD, Marc HUMBERT (eds.), *Technologie et performances économiques*, Economica, 1995. (Technology and economic performances)
- Jean-Alain HÉRAUD, Henri NONN, *Les économies industrielles en France de l'Est: Tissus et réseaux en évolution*, Presses Universitaires de Strasbourg, 1995. (Industrial local economies in Eastern France and Upper-Rhine regions)
- Arman AVADIKYAN, Patrick COHENDET, Jean-Alain HÉRAUD (eds.), *The economic dynamics of fuel cell technologies*, Springer, 2003.

*Articles (in reviews and books)*

- Jean-Alain HERAUD, Francis MUNIER, Kostas NANOPOULOS, "Potentialités et limites d'un exercice de prospective de type Delphi: application d'une méthode de segmentation à l'enquête sur les technologies du futur", *Futuribles*, mars 1997. (Analysis of a technology foresight experience in France)
- Jean-Alain HERAUD, Francis KERN, "Les CORTECHS: innovations, apprentissage en coopération et dynamique organisationnelle", in B. Guilhon et al., *Économie de la connaissance et organisations*, L'Harmattan, Paris, 1997. (Analysis, in terms of economics of knowledge, of a regional procedure aiming at technology diffusion and innovation learning for small firms, in partnership with academic institutions)
- Marie-Claude BELIS-BERGOUIGNAN, Jean-Alain HERAUD, Yannick LUNG, "Public Foresight Exercises at an Intermediate Level: the French national programmes and the experience of Bordeaux", to be published in *International Journal of Technology Management*, (Special Issue on Technology Foresight, 2000).
- Kerstin CUHLS, Jean-Alain HERAUD, "Current Foresight Activities in France, Spain and Italy", *Technological Forecasting and Social Change*, n°60, pp.55-70, 2000.
- Jean-Alain HERAUD, "Evolution of environmental technologies in the long run: comparisons of national perceptions", *Économie et Société*, N°5, 2000. (Article based on the comparison of national foresight experiences in Japan, Germany and France).

- Laurent GAGNOL, Jean-Alain HERAUD, "Impact économique régional d'un pôle universitaire: application au cas strasbourgeois", *Revue d'Economie Régionale et Urbaine*, n°4, 2001, pp.581-604 (Local economic impact of an academic cluster).
- Antoine BURETH, Jean-Alain HERAUD, "Institutions of Technological Infrastructure (ITI) and the generation and diffusion of knowledge", in K. Koschatzky, M. Kulicke, A. Zenker (eds.), *Innovation networks. Concepts and challenges in the European perspective*, Physica Verlag, Springer, Heidelberg, 2001.
- Arman AVADIKYAN, Fernand AMESSE, Patrick COHENDET, Jean-Alain HERAUD, "The liberalization of the European Gas sector and the strategic positioning of firms: A dynamic approach for corporate competence building", *Energy Studies Review*, 10/2, 2002, pp. 121-138.
- Jean-Alain HERAUD, "Régions et innovation", in P. Mustar, H. Pénan (eds.), *Encyclopédie de l'Innovation*, Economica, Paris, 2003, pp.645-664.
- Emmanuel MULLER, Andrea ZENKER, Jean-Alain HERAUD, "Introducing regions and innovation-related needs in the multi-layer logic of the European Research Area", in J. Edler, S. Kuhlmann, M. Behrens (eds.), *Changing governance of research and technology policy*, Edward Elgar, Cheltenham, UK, 2003, pp.230-254.
- Jean-Alain HERAUD, "Regional innovation systems and European research policy: Convergence or misunderstanding?", *European Planning Studies*, 11/1, 2003, pp. 41-56.
- Jean-Alain HERAUD, Rachel LEVY, « University-industry relationships and regional innovation systems », in *Innovation policy in a knowledge-based economy*, P. Llerena et M. Matt (eds), Springer, Berlin, Heidelberg, 2005, pp.193-219.
- Jalal EL OUARDIGHI, Jean-Alain HERAUD, René KAHN, « Une relecture de la politique régionale européenne et du rôle des collectivités : l'exemple des politiques de recherche et d'innovation », in *Convergence et dynamique d'innovation au sein de l'espace européen*, Henri Capron (ed), De Boeck, Bruxelles, 2006, pp.246-273. (European regional innovation policy and local authorities)
- Jean-Alain HERAUD, Francis MUNIER, Patrick RONDE, « La densité scientifique et technologique des régions, facteurs de la capacité d'innovation des firmes » in A. Rallet, A. Torre (eds.), *Quelles proximités pour innover ?*, L'Harmattan, Paris, janvier 2007, pp. 133-149. (impact of regional scientific and technological density on firms' innovation behaviour)
- Cécile CRESPIY, Jean-Alain HERAUD, Beth PERRY, « Multi-level governance, regions and science in France : between competition and equality », *Regional Studies*, Vol.41.8, November 2007, pp. 1069-1084.
- Jean-Claude GAUDILLIERE, Jean-Alain HERAUD, Philippe LAREDO, Yves SINTOMER, « Sciences, gouvernements, politiques », *Science & Devenir de l'Homme (Cahiers du MURS)*, N°57/58, 3<sup>ème</sup> trimestre 2008, pp. 144-162.
- Emmanuel MULLER, David DOLOREUX, Jean-Alain HERAUD, Arlette JAPPE, Andrea ZENKER, « Regional Innovation Capacities in New Member States: a Typology », *European Integration*, Vol. 30, N°5, December 2008, pp. 653-669.
- Jean-Alain HERAUD, « La gouvernance multi-niveaux de la recherche et de l'innovation dans les régions françaises », in *Recherche et enseignement supérieur face à l'internationalisation*, J-Ph. Leresche, Ph. Laredo et K. Weber (eds), Presses polytechniques et universitaires romandes, Lausanne, 2009, pp.259-280. (Multi-level governance of science and technology in French regions)
- Laurent BACH, Jean-Alain HERAUD, Mireille MATT, « L'évaluation des effets économiques des grands programmes publics de R&D – les apports d'une méthode microéconomique déclarative approfondie », in *L'évaluation des politiques publiques en Europe – cultures et futurs*, A. Fouquet, L. Masson (eds), L'Harmattan, Paris, 2009, pp.337-349. (An evaluation method for assessing the microeconomic impact of large public technological programs).

*Conferences (invited speaker)*

- Jean-Alain HERAUD, "Is there a regional dimension of innovation-oriented knowledge networking?", RESTPOR 2000, Fifth Regional Science and Technology Policy Research Symposium, NISTEP, Kashikojima, Japan, September 5-7<sup>th</sup>, 2000.
- Jean-Alain HERAUD, Arne ISAKSEN, "Learning regions and less favoured regions in the knowledge-based economy: Territorial strategies in the framework of the European Research Area", Toyo University, Tokyo, Japan, 25 September 2003.
- Jean-Alain HERAUD, "Science, technology and innovation policy: new governance schemes in Europe, in France and at regional level", Symposium "Developments and Policies on Advanced Technologies", CAPS, Toyo University, Tokyo, Japan, 24 September 2004.
- Jean-Alain HERAUD, Presentation of the French case in a workshop on international comparisons of innovation policies organized by the German Ministry for Professional Training and Research (BMBF), *Fachgespräch « Vergleich internationaler Innovationspolitiken / -strategien »*, Berlin, 28 November 2008.