

RAOUF BOUCEKKINE
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Current academic functions

Professor, Aix-Marseille School of Economics (AMSE)
Fellow of the Econometric Society
Honorary Senior Fellow of the Institut Universitaire de France (IUF)
Co-chair, 4th UBIAS Intercontinental Academy on “Intelligence and Artificial Intelligence”
Member of the Advisory Board of the World Pandemic Research Network (WPRN)
Member of the Scientific Council of CREAD (Centre de Recherche en Economie Appliquée au Développement), Algeria
Member of the Scientific Council of IMEA (Moroccan Institute for Advanced Study)
Corresponding member, IRES (UCLouvain), Belgium

Main former academic nominations, charges and responsibilities

Director, Institute for Advanced Study of Aix-Marseille (IMÉRA), 2015-2020
Deputy Coordinator of UBIAS (University-Based Institutes for Advanced Study), 2018-2020
Senior Fellow of the Institut Universitaire de France, 2014-2019
Member of the Scientific Council of IRD (Institute for Research in Development), 2016-2020
President of ASSET (Association of Southern European Economic Theorists), 2017-2019
Vice-President of ASSET (Association of Southern European Economic Theorists), 2015-2017
Research director, Aix-Marseille of Economics, 2011-2015
CORE (Center of Operation Research and Econometrics) research co-director, UCLouvain, 2009-2010.
Director of the Doctoral Program in Economics at UCLouvain, 2000-2005.
Vice-President of the Institut de Recherches Economiques et Sociales (IRES), in charge of research, UCLouvain, 2000-2001.
Deputy chairman of the economics department at Carlos III de Madrid (in charge of teaching), 1997-1998.

Previous academic positions

Full Professor (Professeur ordinaire), IRES and CORE, UCLouvain, 2007-2013.
Tenured Associate Professor, Department of Economics, UCLouvain, 1998-2007
Tenured Associate Professor, Department of Economics, Universidad Carlos III de Madrid, 1997-1998.
Assistant Professor, Department of Economics, Universidad Carlos III de Madrid, 1993-1997.
Part-time chair in economics, department of economics, University of Glasgow, 2007-2010.
Invited Professor, HEC-Paris, 2003-2007.
Invited Professor, Catholic University of Leuven (KUL), 2001-2005.
Invited Professor, Université Louis Pasteur de Strasbourg, 2001-2003.
Research Assistant, CEPREMAP (Paris), 1990-1999

RESEARCH

Research areas: Growth and development, sustainable growth, Institutional change in resource-dependent economies, mathematical methods in economics and demography, operation research, Economic demography and mathematical demography International macroeconomics

Publications

About **115** papers already published, and two co-edited books.

Edited Books

Arezki, R., R. Boucekkine, J. Frankel, M. Laksaci and R. van der Ploeg (Eds.), *Rethinking the Macroeconomics of Resource-Rich Countries*, CEPR Press (London), April 2018.

Boucekkine R., N. Hritonenko and Y. Yatsenko (Eds.), *Optimal Control of Age-structured Populations in Economy, Demography, and the Environment*, Taylor and Francis, september 201

Twenty selected papers published in peer-reviewed journals

1. "Stochastic petropolitics: The dynamics of institutions in resource-dependent economies", (with F. Prieur, V. Vasilakis and B. Zou), *European Economic Review* 31, article 103610, 2021.
2. "Growth and agglomeration in the heterogenous space: A generalized AK approach", (with G. Fabbri, S. Federico and G. Gozzi), *Journal of Economic Geography* 19, 1287-1318, 2019.
3. "Short-run pain, long-run gain: the conditional welfare gains from international financial integration", (with G. Fabbri and P. Pintus), *Economic Theory* 65, 329-360, 2018.
4. "On the timing of political regime changes in resource-dependent economies", (with F. Prieur and K. Puzon), *European Economic Review* 85, 188-207, 2016.
5. "HIV-AIDS and Development: A Reappraisal of the Productivity and Factor Accumulation Effects", (with T. Azomahou and B. Diene) *American Economic Review* 106(5), P & P, 472-477, 2016.
6. "Egalitarianism under population change: Age structure does matter", (with G. Fabbri and F. Gozzi), *Journal of Mathematical Economics* 55, 86-100, 2014
7. "Sustainable growth under physical constraints: optimal R&D, investment and replacement policies", (with N. Hritonenko and Y. Yatsenko), *Journal of Optimization Theory and Applications* 163, 310-331, 2014.
8. "Spatial dynamics and convergence: the spatial AK model", (with C. Camacho and G. Fabbri), *Journal of Economic Theory* 148, 2719-2736, 2013.
9. "Technological vs ecological switch and the environmental Kuznets curve", (with A. Pommeret and F. Prieur), *American Journal of Agricultural Economics* 95, 252-260, 2013.
10. "Is history a blessing or a curse? International borrowing without commitment, leapfrogging and growth reversals", (with P. Pintus), *Journal of Economic Growth* 17, 27-47, 2012
11. "How do epidemics induce behavioral changes?", (with R. Desbordes and H. Latzer), *Journal of Economic Growth* 14, 233-264, 2009.
12. "Bridging the gap between growth theory and economic geography: The spatial Ramsey model, (with B. Zou and C. Camacho), *Macroeconomic Dynamics* 13, 20-45, 2009.
13. "Early Literacy Achievements, Population Density and the Transition to Modern Growth", (with D. de la Croix and D. Peeters), *The Journal of the European Economic Association* 5, 183-226, 2007.

14. "Vintage capital and the dynamics of the AK model", (with O. Licandro, L. Puch and F. del Rio), *Journal of Economic Theory* 120, 39-72, 2005.
15. "Obsolescence and modernization in the growth process", (with F. del Rio and O. Licandro), *Journal of Development Economics* 77, 153-171, 2005.
16. "Human vintage capital, demographic trends and growth", (with D. de la Croix and O. Licandro), *Journal of Economic Theory* 104, 340-375, 2002.
17. "Endogenous Vs exogenously driven fluctuations in vintage capital models", (with F. del Rio and O. Licandro), *Journal of Economic Theory* 88, 161-187, 1999.
18. "Creative destruction, investment volatility and the average age of capital", (with M. Germain, O. Licandro and A. Magnus), *Journal of Economic Growth* 3, 361-384, 1998.
19. "Replacement echoes in the vintage capital growth model", (with M. Germain and O. Licandro), *Journal of Economic Theory* 74, 333-348, 1997.
20. "An alternative methodology for solving nonlinear forward-looking models", *Journal of Economic Dynamics and Control* 19, 711-734, 1995.

Editorial activities

Associate editor of: *J. of Economic Dynamics & Control*, 2015- , *J. of Mathematical Economics*, 2014- , *Macroeconomic Dynamics*, 2010- , *J. of Public Economic Theory*, 2006- , *Annals of Economics and Statistics*, 2010- , and *J. of Demographic Economics*, 2013- .
 Former associate editor of: *Mathematical Social Sciences*, 2007-2018, *Mathematical Population Studies*, 2008- 2010 , and *Investigaciones Economicas*, 2003-2009

Five selected Invited conferences (keynote speaker)

Econometric Society African Meeting, Algiers, June 2017

Institutional dynamics in resource-dependent economies

Annual SURED conference, Banyuls-sur-Mer, June 2016

Institutional dynamics under stochastic environments

Kinshasa (DR Congo), January 2015 *High-level conference on promoting growth in the DRC*

The demographic ingredients of development: the case of Congo

Hang Zhou (China), October 2014 *Annual meeting of the Chinese Society of World Economics (Zhejiang University)* : The growth and welfare implications of financial liberalization

Cap-Town (South-Africa), November 2012 *6th Micro-Evidence on Innovation and Development (MEIDE) conference*: The gift of longevity, age-structure and development: theory and policy implications

Organization and scientific committees of conferences: numerous including the following five

- . Member of the Scientific Committee of the 14th Viennese Workshop on Optimal Control, Dynamic Games and Nonlinear Dynamics, July 2018.
- . Co-chairman of the 2017 Annual ASSET conference in Algiers, October 2017
- . Member of the Scientific Committee of 2012 meetings of the French Economic Association (AFSE)
- . Member of the Scientific Committee of the 15th Annual Conference of APET (Association of Public Economic Theory), Luxembourg, July 2015.

. Member of the Scientific Committee of the 17th Annual Conference of EARE (European Association of Environmental and Resource Economists), Amsterdam, June 2009.