

## **Doc. Krešimir Žigić, Ph.D.**

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### **Education**

Ph.D. at Centre for Economic Research and Graduate Education (CERGE-EI), 1996.

Faculty of Economics, University of Zagreb, M.A., 1988.

Faculty of Economics, University of Zagreb B.A., 1982.

### **Employment career**

Senior Researcher, Economics Institute of the Czech Academy of Sciences, 2014- (Researcher, Economics Institute of the Czech Academy of Sciences, 1993-2014)

Associate Professor, CERGE, Charles University, Prague, 2012- (Assistant Professor, CERGE, Charles University, Prague, March 1996-2012)

Citigroup Endowment Associate Professor with tenure, CERGE-EI (under US permanent charter), 2007-

ESC tenure granted (Associate Professor of Economics), Prague, 2004

Deputy Director for Graduate Studies, 1997-1999, 2005 -2008 and 2015-2017

### **Selected Teaching Activities**

Co-lecturer (with Prof. Avner Shaked) in Industrial Organisation I and II at CERGE-EI, Fall 1998, Spring 1999, Fall 1999, Spring 2000, Fall 2000, Spring 2001, Fall 2001, Spring 2002, Spring 2003, Fall 2003, Fall 2004, Spring 2005, Fall 2006-2017.

Advanced Game Theory (with Prof. Avner Shaked and Prof. Jakub Steiner), Spring, 2015-2017.

Microtopics (with Prof. Avner Shaked and Prof. Jakub Steiner), Fall, 2018, Spring, 2019.

Co-lecturer (with Prof. Levent Celik) in International Trade I at CERGE-EI, fall 2006, 2007, 2009 and 2013.

Co-lecturer (with Prof. Lubomir Lizal) Economics of Transition and European Economic Integration at CERGE-EI, spring 2004, fall 2004, spring 2005 and 2006.

Statistics, (with Prof. Sergey Slobodyan) CERGE-EI, fall 2003.

Lecturer in Microeconomics (preparatory course) at CERGE-EI, summer 2001, 2016.

Lecturer in Microeconomics I at CERGE-EI, fall 1999, fall 2001, 2002, 2009 and 2010.

## **Selected Publications**

### **Refereed Publications**

“Persistence of Monopoly, Innovation, and R&D Spillovers” (with Eugen Kovač), *Research in Economics*, December 2016, Vol. 70, pp. 714-734.

“Managing Spillovers: an Endogenous Sunk Cost Approach” (with O. Senyuta), *Information Economics and Policy*, June 2016, Vol. 35, pp. 45-54.

“Trade Policy in Markets with Collusion: The Case of North-South R&D Spillovers”, (with Jan Boone), *Research in Economics*, 2015, Vol. 69. No. 2, pp. 224-237.

“International competition in vertically differentiated markets with innovation and imitation: Trade policy versus free trade” (with Eugen Kovač), *Economica*, 2014, Vol. 81. No. 323, pp. 491-521.

“Stackelberg Leadership with Product Differentiation and Endogenous Entry: Some Comparative Static and Limiting Results,” *Journal of Economics*, 2012, Vol. 106, No 3, pp. 221-232.

“Does 'Non-Committed' Government Always Generate Lower Social Welfare than its 'Committed' Counter-Part? Strategic Trade Policy When Consumer Surplus Matters,” *Journal of Comparative Economics*, 2011, Vol.39 (2011), pp. 533-556.

“Competition Policy and Market Leaders” (with I. Maçi), *Economic Modelling*, 2011. Vol. 28 pp. 1042-1049.

“Technological Leadership and Persistence of Monopoly under Endogenous Entry: Static versus Dynamic Analysis” (with Eugen Kovač, and Viatcheslav Vinogradov), *Journal of Economic Dynamics and Control*, 2010, 34 1421–1441.

“Tariffs, Market Conduct, and Government Commitment: Policy Implications for Developing Countries” (with Delia Baghdasaryan), *Economics of Transition*, 2010. Vol. 17 pp. 1-32.

“Free Trade versus Strategic Trade as a Choice between Two "Second-Best" Policies: A Symmetric versus Asymmetric Information Analysis” (with Delia Ionascu), *International Economic Journal*, 2005, Vol. 19. no. 3, pp.1-30.

“Strategic Trade Policy, Intellectual Property Rights Protection, and North-South Trade.” *Journal of Development Economics*, 2000, Vol. 61/1, pp. 27-60.

“Intellectual Property Rights Violations and Spillovers in the North-South Trade.” *European Economic Review*, 1998, Vol. 42, No. 9, pp. 1779-1799.

### **Monograph and Books**

Strategic Interactions and Policy Implications in Markets with Innovative Activity: The Cases of Strategic Trade and Market Leadership, CERGE-EI, 2011.

Theory of Strategic Trade Policy in the North–South Trade - The Optimal Northern and Southern Tariffs in an Inherently Asymmetric Environment, CERGE-EI, 2005.

### **Selected Chapters in Books**

ŽIGIĆ, Krešimir. "Strategic Trade Policy: How Important is the Informational Constraint? The Case of Optimal Tariff when Technological Innovations Spill Over to the Foreign Competitor", in "Progress in Economics Research", Volume 12, edited by Albert Tavidze, Nova Science Publishers, Inc. 2008.

ŽIGIĆ, Krešimir. "Strategic Trade Policy: How Important is the Informational Constraint? The Case of Optimal Tariff when Technological Innovations Spill Over to the Foreign Competitor", in "Economic Perspectives on Innovation and Invention", edited by Patrick W. Barnes, Nova Science Publishers, Inc. 2006.

ŽIGIĆ, Krešimir, (editor with by P. Zemčík) of “The Czech Republic Accelerated Growth”, 2006/2005, CERGE-EI, 2006.

ŽIGIĆ, Krešimir. "The evolution of foreign trade in the Czech Republic" (with M. Gancarová) in The Czech Republic, 2005/2004, edited by L. Dušek and K. Žigić, CERGE-EI, 2005

ŽIGIĆ, Krešimir. "Strategic Trade Policy, Intellectual Property Rights Protection, and North-South Trade," in The WTO, Intellectual Property Rights and the Knowledge Economy, edited by Keith. E. Maskus, Edward Elgar Publishing Ltd. 2004.

### **Selected working papers**

ŽIGIĆ, Krešimir, STŘELICKÝ, Jiří, and KÚNIN, Michael. Modeling Software Piracy Protection: Monopoly versus Duopoly, CERGE-EI Working Papers No 551. October, 2015.

ŽIGIĆ, Krešimir, STŘELICKÝ, Jiří, and KÚNIN, Michael. How Does Public IPR Protection Affect its Private Counterpart? Copyright and the Firms' Own IPR Protection in a Software Duopoly, CERGE-EI Working Papers No 518. October, 2014.

ŽIGIĆ, Krešimir, STŘELICKÝ, Jiří, and KÚNIN, Michael. The Interaction between Private and Public IPR Protection in a Software Market: a Positive and Normative Analysis, CERGE-EI Working Papers No 490. September, 2013.

STŘELICKÝ, Jiří, and ŽIGIĆ, Krešimir. Software Upgrades under Monopoly, CERGE-EI Working Papers No 478. January, 2013.

SENYUTA Olena and ŽIGIĆ, Krešimir. Managing Spillovers: An Endogenous Sunk Cost Approach, CERGE-EI Working Papers No 472. November, 2012.

ŽIGIĆ, Krešimir. Second-Best Trade Policies, R&D Spillovers and Government's (In)ability to Precommit in an Intra-Industry Trade Framework, CERGE-EI working paper, No. 427, November 2010.

KOVAČ, Eugen, Viatcheslav VINOGRADOV and ŽIGIĆ, Krešimir. Technological Leadership and Persistence of Monopoly under Endogenous Entry: Static versus Dynamic Analysis, CERGE-EI working paper, No 401. December 2009.

IIR MACI and ŽIGIĆ, Krešimir. Competition Policy and Market Leaders, CERGE-EI working paper, No 375. November 2008.

ŽIGIĆ, Krešimir. Stackelberg Leadership with Product Differentiation and Endogenous Entry: Some Comparative Static and Limiting Results, CERGE-EI working paper, No 369. October, 2008.

### **Book reviews**

ŽIGIĆ, Krešimir (2007): Review of the book "Competition, Innovation and Antitrust" by Federico Etro, Springer-Verlag 2007, *European Competition Journal*, Vol. 3, No 2, 2007, pp. 601-603(3).

### **On line publications**

Lidové noviny

Cloud Computing – Engine of Economic Growth (in Czech), June 2012

<http://www.intertic.org/Other%20Languages/ForeignPapers/Lidove.pdf>

International Think-Tank on Innovation and Competition [www.intertic.org](http://www.intertic.org)

1) Never-ending story: Microsoft and EU competition policy, February, 2009.

2) “Competition Policy and Market Leaders”, September, 2007.

( <http://www.intertic.org/Media%20Briefings/zigic2.html>)

3) Market Leaders, Innovation, and R&D Spillovers in a Dynamic Set-up, November, 2005.

(<http://www.intertic.org/Media%20Briefings/zigic.html>)

### **Recent Conference and Seminar Presentations**

“How Does Public IPR Protection Affect its Private Counterpart? Copyright and the Firms' Own IPR Protection in a Software Duopoly”, 10<sup>th</sup> International Conference on Competition and Regulation, CRESSE, Athens University of Economics and Business, Crete, Greece, (Co-authors Kúnin, M. and Štrelický, J.), July,3-5, 2015.

"The Interaction between the Private and the Public IPR Protection in a Software Market: a Positive and Normative Analysis," 8<sup>th</sup> International Conference on Competition and Regulation, CRESSE, Athens University of Economics and Business, Corfu, Greece, (Co-authors Kúnin, M. and Štrelický, J.), July,5-7, 2013.

“Intellectual Property Right Protection and Enforcement in a Software Duopoly”, Ninth international conference "Challenges of Europe: Growth and Competitiveness – Reversing the Trends" , organized by Split Faculty of Economics, Brac, Croatia, May, 26-28, 2011.

"Endogenous Sunk Cost Model with Spillovers," the forth INTERTIC conference on Competition in High-Tech in Milan, Italy, October 11-12 organized by INTERTIC University of Bicocca, Milan, Italy. (Co-author O. Senyuta), October, 2010.

"Technological Leadership and Persistence of Monopoly under Endogenous Entry: Static versus Dynamic Analysis,” the third INTERTIC conference on Competition Policy and Property Rights in Milan, Italy, September 15-16 organized by INTERTIC University of Bicocca, Milan, Italy. (Co-authors E. Kovac and V. Vinogradov.), September, 2009.

"Intellectual Property Right Protection in Software Market” the third INTERTIC conference on Competition Policy and Property Rights in Milan, Italy, September 15-16 organized by INTERTIC University of Bicocca, Milan, Italy. (Co-author J.Štrelický), September, 2009.

"Competition Policy and Market Leaders," the second INTERTIC conference on Endogenous Market Structures and Industrial Policy in Milan, Italy, June 5-6 organized by INTERTIC University of Bicocca, Milan, Italy. (Co-author MACI, I.), June, 2008.

"Trade Policy, Market Leaders and Endogenous Competition Intensity," Conference on Innovation and Competition in the New Economy, International Think-tank on Innovation and Competition (INTERTIC), University of Milan, Milan, Italy. (Co-authors BOONE, J. and IONASCU, D.) May, 2007

## **Research Projects and Other Professional Activities**

### **Research orientation**

International Trade, Industrial Organization, Applied Microeconomics

### **Participation in research projects**

“Effects of globalization and foreign direct investment on innovations and efficiency of domestic firms”, GACR, 15-24642S, member, 2015-2018.

“Managing R&D spillovers and IPR violation in oligopolistic markets: some theoretical and empirical considerations”, GACR, P402-12-0961, coordinator, 2012-2014.

“EU Food Industry Dynamics and Methodological Advances”, SIXTH FRAMEWORK PROGRAMME PRIORITY 8.1. B.1.1. Sustainable Management of Europe’s Natural Resources, Partner, 2007-2009.

“Vertically Differentiated Markets with Innovation and Imitation: Impact of Trade Policy and Trade Liberalizations,” GDN research grant competition for 2005, coordinator

“The Impact of Tariff Protection on FDI in Developing and Transition Countries: Is the Tariff Jumping Argument Working for These Countries?”, GDN research grant, 2003, coordinator

“Some Recent Topics and Controversies in the Theory of Strategic Trade Policy,” GDN research grant, 2002, coordinator

“On Technological Spillovers between Eastern and Western Europe: Qualitative and Quantitative Analysis ACE Phare Research Grant, P96-6092-R, coordinator, 1997-1999

“Firms, workers, and managers in transition: a microeconomic study of organizational restructuring in Central and Eastern Europe.” ACE Phare Research Grant, P96-6053-R, member, 1997-1999

### **Awards, Fellowships, Memberships and Research Stays**

The book “Strategic Interactions and Policy Implications in Markets with Innovative Activity: The Cases of Strategic Trade and Market Leadership” classified in the group of excellent monographs in the Charles University competition for excellent monograph for the year 2013 <http://www.cuni.cz/UK-34.html>.

City Group Endowment Professor 2007-

Česká Spořitelna Chair, 2004- 2006

Philip Morris Professor of Economics, 2002 – 2003

Visiting professor at the Dauphine Universite, Paris, France, May, 2002.

Visiting professor at the Dauphine Universite, Paris, France, April- May, 2000.

CEPR affiliate, 1999 –2005

### **Other activities:**

#### **Refereeing**

*Agricultural Economics, American Economic Journal: Microeconomics, Economic development and Cultural Change, Economic Inquiry, Economic Journal, European Economic Review, International Economic Review, International Economic Journal, International Journal of Industrial Organization, Journal of Comparative Economics, Journal of Development Economics, Journal of Economic Dynamics and Control, Journal of International Economics, Scandinavian Journal of Economics, Research in Economics, Southern Economic Journal and Structural Change and Economic Dynamics.*

#### **Service**

Vice Chair of Nadace Board of Directors, NADACE, CERGE-EI, 2011-2018

Member of the Assembly of the Czech Academy of Sciences, 2010-2015

Vice president of Intertic, the first international academic Think-Tank on innovation and competition, 2005-2009

Deputy Director for Graduate Studies, September 2005-2008, and 2015-2017

Member of the Council for international affairs of the Czech Academy of Sciences, May, 2005-

Member of the Council (“oborova rada”) of the grant agency of the Academy of Art and Sciences of Czech Republic, May, 2003-2005

Member of the advisory board (on behalf of CERGE-EI) for the common GDN Austrian government group of projects dealing with the Southeast Europe long run development, 2001-2002

Member of the panel P402 – Economic sciences, macroeconomics, microeconomics, econometrics, quantitative methods in economics” of The Czech Science Foundation (GACR), 2013-2017