

Giovanni Federico

Curriculum vitae

### Personal Information

Nationality: Italian. Married, one child  
Born in Pistoia, December 30th 1954.

### Address

Division of Social Sciences, New York University Abu Dhabi

E-mail [Giovanni.Federico@nyu.edu](mailto:Giovanni.Federico@nyu.edu)

### Education

1976 Laurea Filosofia, University of Pisa 1976  
1976 Diploma Scuola Normale Superiore 1976  
1985 "Perfezionamento" (PhD) in Economic History, Scuola Normale Superiore (Pisa)

### Academic Career

1981-1983 Ricercatore confermato (life fellow), Scuola Normale  
1983-2002 Ricercatore confermato, Università di Pisa  
2002-2010 Professor of Economic History, Department of History and Civilization, European University Institute  
2011-2013 Senior Research Fellow, European University Institute  
2014-2019 Professor of Economic History, Department of Economics, University of Pisa  
2019-present Professor of Economic History, Division of Social Science New York University Abu Dhabi

### Visiting Positions

1989-1990 J. Monnet fellow, European University Institute (Florence)  
1994-1995 Research fellow, Institute for Historical Research (University of London)  
1999-2000 All-UC Economic History Group, distinguished visiting scholar (Department of Economics, UCLA)  
Spring 2018 Visiting professor of Economic History, Division of Social Science NYUAD  
Spring 2019 Visiting professor of Economic History, Division of Social Science NYUAD

### Scientific Activities

#### *Organisation of conferences*

Workshop on A century of European industrial policy (Pisa 1994),  
Summer course of the European Historical Economics Society (Montecatini 1997)  
Workshop on new directions in economic history (Montecatini 1997)  
Session B-10 XII International Economic history conference (Madrid 1998);  
'Recent trends in business history in Italy' (EUI 2004) - jointly with the Associazione ASSI  
[Proceedings published in *Annali di storia dell'impresa* 15-16 (2005) pp.425-649]  
'Market performance and the welfare gains of market integration in history' funded by the European Science Foundation (EUI July 2004)  
Summer Schools on 'Economic growth in the very long run' funded by the RTN project (EUI 2006 and 2007)  
Paying for the Liberal State: The Rise of Public Finance in Nineteenth Century Europe (EUI 2007)  
Historical Economic Geography of Europe – Estimating Regional GDP 1900-2000 at NUTS2 (EUI 2008)  
Terms of trade and economic growth (Session to the XV World Economic History conference, Utrecht 2009)  
Tariffs and growth in history (Madrid May 2010)

Workshop on Gary Becker revisited: the new historical economics of the household (EUI March 2011)  
Growth of trade and modern economic growth (Madrid May 2012)  
Session Trade and the integration of peripheral countries in the world market (XVI World Economic History conference, Stellenbosch 2012)  
10<sup>th</sup> EHES Conference (Pisa Sept 2015)  
Workshop on the Handbook of Historical Economics (New York October 2019)

#### *Editorial Positions*

Editor, *Rivista di Storia Economica* (1996-2018)  
Editor, *European Review of Economic History* (2001-2008)  
Member of the board of *Industrial and Corporate Change* (2000-2008)  
Editor, *Economic history review* (since April 2018)

#### *Professional Activities*

Trustee of the Cliometric Society (2000-2007)  
Trustee of the European Historical Economics Society (2000-2008)  
Member Advisory Board, Maddison Project (2010-present)  
President, European Historical Economics Society (2013-2015)  
Member, Board of the Associazione per la Storia Economica (2015-present)

#### *Grants*

1998 PRIN (Italian Ministry for University) "La formazione del mercato nazionale in Italia dopo l'unificazione monetaria (1861-1914)" (co-ordinator Gianni Toniolo) University of Pisa team leader

2000 PRIN (Italian Ministry for University) "Crescita, benessere e consumo in Italia 1861-2000" (co-ordinator Gianni Toniolo) University of Pisa team leader

2004 Research Training Network proposal, FP6-512439, "Unifying The European Experience: Historical Lessons of Pan-European Development"; Responsible of the EUI node

2009-2013 European Research Council (ERC) Advanced Research grant "Market Integration and the Welfare of Europeans", Principal Investigator

2020-2023 PRIN (Italian Ministry for University) "Lost highway: skills, technology and trade in Italian economic growth, 1815-2018" principal investigator

#### *Invited Seminars and Conferences*

##### Participations to Conferences (last ten years)

Economic History Association (Evanston, Ill, September 2010)  
'Istituzioni ed economia' Yearly meeting of the SISE (Trento November 2010)  
Italy's international economic position, 1862-2011 (Perugia December 2010)

2011 Roundtable on Piketty On the long-run evolution of inheritance (Paris School of Economics, January 2011)  
All-UC Group in Economic History and Asia-Pacific Economic and Business History Conference (Berkeley, California February 2011)  
Max Weber Interdisciplinary conference 'Learning from the global crisis' (EUI May 2011)  
'The cliometrics of crisis' 7<sup>th</sup> BETA workshop in Historical economics (Strasbourg May 2011)  
CIREC conference on L'Italia fra due secoli (Bologna June 2011)  
Workshop to honour Cormac O'Grada (Dublin September 2011)  
9<sup>th</sup> conference of the European Historical Economics Society (Dublin, September 2011)  
Conference on Italy and the world (Rome, October 2011)  
Portuguese Economic History Association (Lisbon December 2011)

- 2012  
 Workshop on *History of capitalism* (Madrid November 2012)  
 Workshop on An Agrarian History of Portugal, 1000-2000 (Lisbon April 2013)
- 2013  
 3<sup>rd</sup> Iberometrics conference (Zaragoza May 2013)  
 Workshop in honour of Gunnar Persson (Copenhagen May 2013)  
 6<sup>th</sup> World Clio conference (Hawaii June 2013)  
 9<sup>th</sup> Conference of the European Historical Economics Society (London September 2013)  
 Workshop on 'How was life?' (OCSE Paris December 2013)  
 "Fonti e metodi della storia economica" Yearly conference of the SISE Milan (November 2013)
- 2014  
 '1914-1944. L'Italia nella guerra europea dei trent'anni' ISMIL Firenze (May 2014)  
 Fourth Asian Economic History conference (Istanbul Sept 2014)  
 9<sup>th</sup> New frontiers of African Economic History (London Oct 2014)
- 2015  
 Round Table on Broadberry et al British Economic growth 1270-1870 (British Academy May)  
 II Agriglio conference (Zaragoza May)  
 CEPR Third Economic history symposium (Oslo June)  
 10<sup>th</sup> Conference of the European Historical Economics Society (Pisa September)
- 2016  
 CEPR workshop (NYUAD Abu Dhabi March)  
 AAWWE conference (Bordeaux June)  
 Workshop on structural transformation (Beijing July)  
 RDC course ESTER (Pisa October)  
 FRESH meeting keynote speech (Vienna December)  
 Workshop to commemorate K.G.P. Persson (Copenhagen December)
- 2017  
 OWL meeting, keynote speech (London January)  
 CEPR workshop (NYUAD Abu Dhabi March)  
 III Agriglio conference (Cambridge March)  
 Economic History Society yearly conference (London March)  
 RICardo Workshop (Paris, May)  
 GGDC 25<sup>th</sup> anniversary conference (Groningen June)  
 Final workshop Waterloo project (London June)  
 8<sup>th</sup> world Clio conference (Strasbourg July)  
 Preliminary workshop for Cambridge Economic History of the World (Oxford July)  
 11<sup>th</sup> Conference of the European Historical Economics Society (Tubingen September)  
 EH-Tune conference (Siena October)
- 2018  
 Economic History Society yearly conference (Keele March)  
 XVIII World Economic History Conference (Boston)  
 Final workshop for Cambridge Economic History of the World (Tokyo August)  
 EH-Tune conference (Siena November)
- 2019  
 Economic History Society yearly conference (Belfast March)  
 11 BETA Conference (Strasbourg May)  
 Galatina Summer School (Galatina, August)  
 12<sup>th</sup> Conference of the European Historical Economics Society (Paris September)

## Invited Seminars (last five years)

University Southern Denmark Odense (October 2012), CUNEF Madrid (December 2012), Verona (November 2013), Humboldt University Berlin (January 2014) Carlos III Madrid (March 2014) Siena (Sept 2014), LSE (January 2015) Oxford (January 2015) Trento (May 2015) Paris School of Economics (May 2015) Siena (May 2016) Lund (September 2018) Groningen (May 2019)

## **Teaching**

### *Courses*

European University Institute (2002-2010) Economic History, Social and Economic History, Advanced methods in Economic history (Research seminars for PhD Students)

Pisa (2013-2019) Economic History (BA, Department of Economics), Storia Economica (BA, History Department), Economic growth in History (MA, Department of Economics and SSSUP, joint course with Alessandro Nuvolari)

Siena (2017-2019) Economic History (PhD program, joint course with Michelangelo Vasta)

NYUAD (2019 to present) GEPS (Global Economic, Political and Social Development since 1500) and Core colloquium on Food and Population

### *Supervision*

Supervision of 13 PhD dissertations at the European University Institute (M.Cachero Vineusa, M.Cebrian Villar, K.Demidova, M.Dorofeyuk, A. Elu Teran, J.Lessig J.Kokkinen, J.Kunnas, T. Yarashinskaya, P.Martinelli, A. Vannini, V.Romei and V.Ziegeldorf) and one in Siena (A. Incerpi)

Membership of committees for PhD dissertations in Carlos III (Madrid), Copenhagen, Goteborg, LSE (London), Nottingham, York, Siena and Zaragoza.

## **Publications**

### **a) Books**

*Il filo d'oro. L'industria serica mondiale dalla restaurazione alla grande crisi*, Marsilio Padova, 1994  
English version, abridged

*An economic history of silk industry 1830-1930*, Cambridge, Cambridge University Press, 1997

*The economic development of Italy*, Cambridge University Press, Cambridge, 2001 [with Jon Cohen]  
[Italian translation as *Lo sviluppo economico italiano* Il Mulino, Bologna, 2001]

*Feeding the world: an economic history of world agriculture, 1800-2000*, Princeton, Princeton University Press 2005

[Chinese translation China Agricultural University Press, Beijing 2011]

Italian version, abridged

*Breve Storia dell'agricoltura*, Mulino Bologna 2009

[Spanish translation, *Breve historia economica de la agricultura*, Prensas Universitarias de Zaragoza 2011]

*Il commercio estero italiano 1861-1939*, Laterza: Bari, 2012 [with S. Natoli, Giuseppe Tattara and M.Vasta]

### **b) Edited Books**

*The economic development of Italy since 1870*, E.Elgar, Aldershot, 1994

*European industrial policy. The twentieth century experience*, Oxford University Press, Oxford, 1999  
[With James Foreman-Peck]

*Handbook of historical Economics*, Academic Press, London 2021 [With Alberto Bisin]

### c) Articles in ISI journals

'On the accuracy of foreign trade statistics (1909-35): Morgestern revised', *Explorations in Economic history* 28, 1991 pp.259-273 [with Antonio Tena-Junguito]

'Size and strategy of Italian industrial enterprises (1907-1940): empirical evidence and some conjectures', *Industrial and corporate change*, 3, 1994 pp.491-512. [with Renato Giannetti and Pierangelo Toninelli]  
[Reprinted in G.Dosi-F.Malerba (eds.) *Organization and strategy in the evolution of the enterprise*, Macmillan, Basingstoke and London, pp. 353-377]

'An econometric model of world silk production 1870-1914', *Explorations in economic history*, 33, 1996 pp.250-274

'Italy 1860-1940 : a little known success-story', *Economic history review*, 49, 1996, pp.764-786

'Was Italy a protectionist country?' *European review of economic history*, 2, 1998, pp.73-97 [with Antonio Tena]

'The world economy 0-2000 AD: a review article', *European Review of Economic history*, 6, 2002 pp.111-120

'Heights, calories and welfare: a new perspective on Italian industrialization, 1854-1913' in *Economics and human biology*, 1, 2003, pp.289-308

'Progress, decline, growth. Product and productivity in Italian agriculture 1000-2000', *Economic history review*, 57, 2004, pp. 437-464 [with Paolo Malanima]

'Not guilty? Agriculture in the 1920s and the Great Depression', *Journal of economic history*, 62, 2005, pp. 949-976

'The "real" puzzle of share-cropping: why is it disappearing?', *Continuity and change*, 21, 2006 pp. 261-285

'Market integration and market efficiency. The case of 19<sup>th</sup> century Italy', *Explorations in economic history*, 44, 2007 pp.293-316

'Market power on the colonial frontier? Evidence from São Paulo 1800-1840' *Revista de Historia Economica-Journal of Iberian and Latin American Economic History* 27, 2009, n.1 pp. 17-26 [with Ricardo Paixao]

'Was industrialization an escape from the commodity lottery? Evidence from Italy, 1861-1939' *Explorations in economic history*, 47, 2010, pp. 228-243 [with Michelangelo Vasta]

'When did the European market integrate?' *European Review of Economic History*, 15, 2011, pp. 93-126

'Warfare, Taxation, and Political Change: Evidence from the Italian Risorgimento', *Journal of Economic History*, 71, 2011 pp. 887-914 [With Mark Dincecco and Andrea Vindigni]

'How much do we know about market integration in Europe?' *Economic history review*, 65 2012 pp. 470-497

'The Corn Laws in continental perspective' *European Review of Economic History* 16, 2012 pp. 166-187

"The Cost of Railroad Regulation: The Disintegration of American Agricultural Markets in the Interwar Period" *Economic history review*, 66, 2013. pp. 1017-1038 [with Paul Sharp]

"The ripples of the Industrial revolution: exports, economic growth and regional integration in Italy in the early nineteenth century" *European Review of Economic History* 18, 2014, pp.349-369 [with Antonio Tena-Junguito]

'Early globalizations: the integration of Asia in the world economy, 1800-1938' *Explorations in economic history* 57, 2015, pp. 1-18 [with David Chilosij]

'What do we really know about protection before the Great Depression: evidence from Italy' *Journal of Economic History* 75, 2015, pp.993-1029 [with Michelangelo Vasta]

'A tale of two globalizations: gains from trade and openness 1800-2010' *Review of World Economics* 153, 2017, pp.601-626 [with Antonio Tena-Junguito],

Lewis revisited: tropical polities competing on the world market 1830-1938', *Economic history review* *Economic history review* 70, 2017, pp.1244-1267 [with Antonio Tena-Junguito]

'American divergence. Lost decades and Emancipation collapse in Latin American and the Caribbean 1820-1870' *European Review of Economic History*, 22, 2018 pp.185-209 [with Antonio Tena-Junguito]

'The origins of the Italian regional divide: Evidence from Real Wages, 1861-1913' [with Alessandro Nuvolari and Michelangelo Vasta] *Journal of Economic History* 79, 2019, n.1 pp.63-98

'World trade, 1800-1938: a new synthesis' [with Antonio Tena-Junguito], *Revista de Historia Economica/Journal of Iberian and Latin Economic history* 37, 2019, n.1 pp.1-33

'The long-term evolution of Economic History evidence from the top five field journals (1927-2017)' [With Martina Cioni and Michelangelo Vasta] *Cliometrica* 14, 2020, n.1 pp.1-39

"The race between the snail and the tortoise: skill premium and early industrialization in Italy (1861-1913)" [With Alessandro Nuvolari, Leonardo Ridolfi and Michelangelo Vasta] *Cliometrica* 15,2021, n.1 pp.1-42

'European Goods Market Integration in the Very Long Run: From the Black Death to the First World War' [With Max-Stephan Schulze and Oliver Volckart], *Journal of Economic History*, 81, 2021 n.1 pp.

The effects of market integration during the first globalization: a multi-market approach [with David Chilosij] *European Review of Economic History* 25, 2021 n.1 (March) pp.20-58

'Spreading Clio: a quantitative analysis of the first 25 years of the *European Review of Economic History*' [With Martina Cioni and Michelangelo Vasta] *European Review of Economic History* 25 n.4 pp. 618-664

"Inequality in pre-industrial Europe (1260-1850): new evidence from the labour share" [with Alessandro Nuvolari and Michelangelo Vasta] *Review income and wealth*, forthcoming

'Persistence studies: a new kind of economic history?' [With Martina Cioni and Michelangelo Vasta] *Review of Regional Research*, forthcoming

Is economic history changing its nature? Evidence from top journals [With Martina Cioni and Michelangelo Vasta] *Cliometrica*, forthcoming

#### **d) Articles in other Journals**

- 'Per una analisi del ruolo dell'agricoltura nello sviluppo economico italiano: note sull'esportazione di prodotti primari (1863-1913)', *Società e Storia*, 1979 pp.379-441
- 'Per una valutazione critica delle statistiche della produzione agricola italiana dopo l'Unità (1860-1913)', *Società e Storia*, 1982 pp. 87-130
- 'Commercio dei cereali e dazio sul grano in Italia (1863-1913). Un' analisi quantitativa', *Nuova Rivista Storica* 58, 1984 pp. 46-108
- 'Azienda contadina e autoconsumo fra antropologia ed econometria: considerazioni metodologiche', *Rivista di storia economica*, n.s. 1, 1984 pp. 78-124
- 'Autoconsumo e mercantilizzazione: spunti per una discussione', *Società e Storia*, 1985 pp. 197-212
- 'Mercantilizzazione e sviluppo economico italiano (1861-1940)', *Rivista di storia economica*, n.s., 3, 1986 pp. 149-186
- 'Contadini e mercato: tattiche di sopravvivenza', *Società e Storia* 1987 pp. 877-913
- 'Per una storia dell'industria serica italiana' *Annali di Storia dell'impresa*, 4, 1988 pp. 112-130
- 'Commercio estero e "periferie". Il caso dei paesi mediterranei', *Meridiana* 1988 pp. 163-196
- 'Pluriattività e offerta di forza-lavoro contadina: un'analisi microeconomica', *Annali dell'Istituto A. Cervi* 11, 1989 pp. 87-100
- 'Il baco e la filanda. Il mercato dei bozzoli in Italia (secoli XIX-XX)', *Meridiana* 1992 pp. 183-222
- 'Una crisi annunciata: la gelsibachicoltura', in A.De Bernardi, P.P. D'Atorre (a cura di), *Il lungo addio. Modernizzazione e declino della società rurale italiana*, *Annali Feltrinelli* 28, 1993 pp. 325-351
- 'Dalle carte Luzzatti: mediazioni di affari e strategie di lungo periodo nel settore serico', *Archivi ed imprese*, 9, 1994 pp. 46-57
- 'Politica industriale, stato e lobbies nello Stato liberale: un settore "perdente", l'industria serica', *Società e storia*, 1995 pp. 45-73
- 'Did trade policy foster Italian industrialisation? Evidences from effective protection rates, 1870-1830', *Research in economic history*, 19, 1999 pp.111-130 [with Antonio Tena]
- 'A social accounting matrix for Italy', 1911, *Rivista di Storia Economica*, n.s., 16, 2000 pp. 3-35 [with K.O'Rourke]
- 'Le nuove stime della produzione agricola italiana, 1860-1910: primi risultati ed implicazioni', *Rivista di Storia economica*, n.s.19, 2003 pp. 359-381
- 'A capital intensive innovation in a capital-scarce world: steam-threshing in 19<sup>th</sup> century Italy', *Advances in agricultural economic history*, 2, 2003 pp. 75-114
- 'The growth of world agricultural production, 1800-1938', *Research in economic history*, 22, 2004, pp.125-181
- 'Seta, agricoltura e sviluppo economico in Italia', *Rivista di Storia Economica*, 21, 2005 pp. 118-148
- 'Ma l'agricoltura meridionale era davvero arretrata?' *Rivista di Politica Economica*, 97, 2007, pp. 317-340
- 'The Holy Grail of Economic History: long-run economic growth and the industrial revolution in Britain' *Rivista di Storia Economica*, n.1 (2016) pp. 119-132

## e) Chapters in Books and Conference Proceedings

'Sviluppo delle esportazioni e distribuzione del reddito: il caso dell'industria marmifera apuana (1896-1914)', in Aa.Vv., *Produzione e mercato del marmo dal passato ad oggi*, Pacini Pisa, 1980 pp.41-63

'La domanda siderurgica negli anni Trenta', in Aa.Vv., *Acciaio per l'industrializzazione*, Einaudi Torino, 1982 pp.370-412

'Sviluppo industriale, mobilità della popolazione e mercato della forza-lavoro in Italia. Una analisi macroeconomica', in Società Italiana di Demografia Storica (S.I.DE.S.), *L'evoluzione demografica dell'Italia nel secolo XIX: continuità e mutamenti (1796-1914)*, CLUEB Bologna 1985, pp. 447-496

'Una prima stima dell'autoconsumo sulla base dei bilanci familiari, 1850-1914', in Aa. Vv. *Mercati e consumi. Organizzazione e qualificazione del commercio in Italia dal XII al XX secolo* (Atti del I° Convegno di storia del commercio in Italia, Reggio Emilia-Modena 6-9- VI 1984) Bologna, 1986 pp. 751-769

'Italy' in G.Toniolo and R.Sylla (eds.) *Patterns of European industrialization: rethinking Gerschenkron's hypothesis* Routledge and Kegan Paul, London, 1991 pp. 197-217 [with Gianni Toniolo]

'Household budgets as a source for the study of rural economy: commercialization and peasants' behaviour (Italy 1860-1940)' in T. Pierenkemper (ed) *Zür Ökonomik des privaten haushalt*, Campus Verlag Dusseldorf, 1991, pp.182-197

'Il Valore Aggiunto dell'agricoltura', in G.Rey (a cura di), *I conti economici dell'Italia. 3 Una stima del valore aggiunto per rami di attività per il 1911*, Collana storica della Banca d'Italia. Serie Statistiche vol. I tomo 2, Bari Laterza, 1992 pp. 3-103

'El comercio exterior de los paisos mediterraneos en el siglo XIX' in L.Prados de la Escosura-V.Zamagni (eds) *El desarrollo económico de la Europa del Sur: España e Italia en perspectiva histórica*, Alianza Editorial, Madrid, 1992 pp.269-292

'La storiografia sullo sviluppo economico italiano negli ultimi venti anni' in *La storiografia sull'Italia contemporanea. Atti del convegno di studi in memoria di Giorgio Candeloro* (Pisa 9-10 novembre 1989), Pisa Giardini, 1992 pp. 209-240 [traduzione spagnola in "Revista de historia economica" X n.1 (1992)]

'La tessitura italiana ed il mercato mondiale', in I.Granata-A.Scalpelli (a cura di), *Setaioli e contadini. Movimento operaio e industrializzazione a Como dall'Unità al fascismo*, Milano F. Angeli, 1992, pp.27-62

(a cura di) *Storia dell'agricoltura italiana in età contemporanea*, vol. 3°, Padova Marsilio, 1992, pp. 189-222

'The world silk trade: a long period overview', in Aa.Vv. *La seta in Europa secc. XIII-XX*, [Atti della XXIV settimana di studi dell'Istituto Datini], Firenze, Le Monnier 1992 pp.683-698 [with Luciano Cafagna]

'Introduction' in Giovanni Federico (ed) *The economic development of Italy since 1870*, E.Elgar, Aldershot, 1994 pp. XI-XLIII

'Agricoltura e sviluppo (1820-1950): verso una reinterpretazione?' in P.L. Ciocca (a cura di) *Il progresso economico dell'Italia*, Bologna Il Mulino, 1994 pp.81-107

'Introduction' in G.Federico, J.Ljungberg, K.G. Persson and L.Schon (eds) *Integration of commodity markets in history*, Proceedings of the B4 session of the XII International economic history congress, Madrid August 1998 [with J.Ljungberg, K.G. Persson e L.Schon]



'Italy's late and unprofitable forays into Empire', in P.O'Brien-L.Prados de la Escosura (eds.), *The costs and benefits of European imperialism from the conquest of Ceuta, 1415, to the treaty of Lusaka, 1974*, Special issue of the *Revista de Historia economica*, 16, 1998: 377-402

'Harmful or irrelevant? Italian industrial policy, 1945-1973' in T.Kikkawa –T.Hikino (eds) *Policies for competitiveness*, Oxford University Press, Oxford, 1999 pp.309-335

'Industrial policies in Europe: introduction' in Giovanni Federico and James Foreman-Peck (ed) *European industrial policy. The twentieth century experience*, Oxford University Press, Oxford, 1999 pp.1-16

'Italy: stalling and surpassing', in Giovanni Federico and James Foreman-Peck (ed) *European industrial policy. The twentieth century experience*, Oxford University Press, Oxford, 1999 pp.124-151 [with Renato Giannetti]

[Italian version published in F. Amatori, D. Bigazzi, R. Giannetti and L. Segreto, eds., *Storia d'Italia Einaudi Annali 15 L'industria*, Torino 2005 pp. 1127-1162]

'European industrial policies: an overview', in Giovanni Federico and James Foreman-Peck (ed) *European industrial policy. The twentieth century experience*, Oxford University Press, Oxford, 1999 pp.124-151 pp.426-460 [with James Foreman-Peck]

'Much ado about nothing? The Italian trade policy in the 19<sup>th</sup> century' in J.Williamson-S.Pamuk (eds) *The Mediterranean response to globalisation before 1950*, Routledge London, 2000 pp.269-296 [with K.O'Rourke]

'Una stima del valore aggiunto in agricoltura', in G.M. Rey (a cura di), *I conti economici dell'Italia. 3.2 Il valore aggiunto per il 1891, 1938 e 1951*, Bari Laterza, 2000 pp.3-112

'The silk industry: a historical perspective' in Andrea Boltho, Alessandro Vercelli and Hiroshi Yoshikawa (eds.) *Comparing economic systems : Italy and Japan*, Palgrave, Basingstoke and New York, 2001 pp.221-240 [with Kanij Ishii]

'Protezione e sviluppo economico italiano. Molto rumore per nulla?' In L.Cafagna e N. Crepax (a cura di) *Cattaneo e le forme dello sviluppo nell'Italia contemporanea*, Mulino, Bologna, 2001 pp.243-281

'L'agricoltura italiana: successo o fallimento?' In Pierluigi Ciocca e Gianni Toniolo (a cura di) *Storia economica d'Italia 3 Industrie, mercati istituzioni.1 Le strutture dell'economia*, Laterza Bari 2003 pp.71-98

'La struttura industriale (1911-1996)' in Renato Giannetti-Michelangelo Vasta (a cura di) *L'impresa italiana nel Novecento* Bologna:Il Mulino 2003 pp.41-88 [English edition *Evolution of Italian enterprises in the 20th century* Physica Verlag. Heidelberg 2006 pp.15-47]

'Le strategie delle imprese dall'Unità al 1973' in Renato Giannetti-Michelangelo Vasta (a cura di) *L'impresa italiana nel Novecento* Bologna:Mulino 2003 pp.299-370 [with Pierangelo Toninelli] [English edition *Evolution of Italian enterprises in the 20th century* Physica Verlag. Heidelberg 2006 pp.191-237]

'Protection and Italian economic development: much ado about nothing?' in Jean-Pierre Dormois and Pedro Lains (editors), *Classical trade protectionism 1815-1914*, Routledge: London and New York, 2009 pp. 193-218

'Market integration and convergence in the world wheat market, 1800-2000' in Tim Hatton, Kevin O'Rourke, Alan M. Taylor (eds) *The new comparative economic history: essays in honour of J.Williamson*, Cambridge (Mass.) MIT Press, 2007 pp.87-114 [with Gunnar Persson]

'Italy 1861-1940' in Pedro Lains and Vincente Pinilla (eds) *Agriculture and Economic Development in Europe since 1870*, Routledge: London and New York, 2009 pp.234-254

'Was the CAP the worst agricultural policy of the 20<sup>th</sup> century?' In Kiran Patel (ed.) *Fertile Ground for Europe? The History of European Integration and the Common Agricultural Policy since 1945*, Baden-Baden Nomos 2009 pp. 257-271

'Always on the brink: Italy, 1861-1914' in J.L Cardoso and P.Lains (eds) *Paying for the Liberal State: The Rise of Public Finance in Nineteenth Century Europe*, Cambridge: Cambridge University Press, 2009 pp.186-213

'Sectoral developments 1870-1914' in Stephen Broadberry and Kevin O'Rourke (eds) *The Cambridge Economic History of Modern Europe vol. II: 1870 to the present*, Cambridge: Cambridge University Press, 2010 pp.59-83 [with Stephen Broadberry and Alexandr Klein]

'Italian agriculture 1861-1940: a regional perspective' in M.Olsson and P.Svensson (eds) *Production and productivity in European agriculture* Turnhout: Brepols, 2011 pp.285-307

'Natura non fecit saltus: the 1930s as the discontinuity in the history of European agriculture' in Brassley Paul, Yves Yves Segers and Leen van Molle (eds.) *War, agriculture and food: rural Europe from the 1930s to the 1950s*, London and New York: Routledge 2012 pp.15-32

'Comparative advantages: a long run perspective' in G.Toniolo (ed.) *Handbook of Italian economic history*, New York and Oxford: Oxford University Press, 2013 pp. 327-350 [with Nikolaus Wolf]

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