

## CURRICULUM VITAE

**Name:** MARIO CIMOLI

**Date and place of birth:** 25.6.1956 - Buenos Aires (Argentina)

**Citizenship:** ITALIAN

**Present job:** Economic officer at ECLAC- UNITED NATIONS, DIVISION OF PRODUCTION, PRODUCTIVITY AND MANAGEMENT, CASILLA 179D, SANTIAGO, CHILE

**Qualifications:** Laurea Degree in Economics, University of Venice; D. Phil. (Doctor of Philosophy), University of Sussex; Professor of Economics, University of Venice.

### Studies and scientific activity

1974 High school certificate, Argentina.

1975 Enrolled in Engineering Faculty in Buenos Aires.

1977 Left university due to the domestic political situation after having completed the first two years of the course.

1978/79 Enrolled at University of Venice - Faculty of Economics, mathematics-statistics specialisation.

1984 November - Granted degree with a thesis entitled: "Commercio internazionale e sottosviluppo: un'analisi critica" (International trade and underdevelopment: a critical analysis) supervisor Prof. Ignazio Musu, receiving the highest mark of 110 summa cum laude.

1985 August/September - awarded Bank of Italy scholarship to take part in the "V International Summer School of Economics" organised by the Centro di Studi Economici Avanzati di Trieste, and directed by Professors J.A. Kregel, P. Garegnani and S. Parrinello.

1985 June - awarded Fondazione Einaudi (Turin) scholarship to attend Sussex University. The scholarship was renewed for the 1986/87 academic year.

1985/87 September - D.Phil. student at Sussex University within the SPRU (Science Policy Research Unit).

1991 May - awarded D.Phil. by Sussex University with a thesis entitled: "Technology, International Trade and Development: A North-South Perspective", supervisors Professors Luc Soete and N. von Tunzelman of SPRU, and Prof. Alasdair Smith.

### Teaching experience

1987/90 Diploma course on problems of economic development and planning - ISVE, Naples.

1987/88 Faculty of Economics of the University of Udine of the annual Mathematical Economics course.

1987/88 Economics of Innovation course at the Scuola Superiore Enrico Mattei.

1988/89 Faculty of Economics of the University of Udine of the annual Mathematical Economics course.

1989/90 Faculty of Economics of the University of Udine of the annual Econometrics course.

1990 Researcher in the Economics course, Department of Economics, University of Venice.

1992 Associate Professor of Economics at the University of Venice.

1994 Visiting Professor of the economics of technological innovations at Maestria en Economia y Gestion del Cambio Tecnológico, Universidad Autonoma Metropolitana; Mexico (February-June).

1996 Profesor Visitante Titular "C". Maestría en Economía y Gestión del Cambio Tecnológico, Universidad Autónoma Metropolitana, Unidad Xochimilco. Módulo II, Tecnología y Economía II, Economía del Cambio Técnico, Winter 1997. Módulo III, Organización Industrial y Cambio Tecnológico, Spring 1997.

### Publications

1. M. Cimoli (2001), "Some Notes on Mexican Economic Reforms and their Implications on the Technological and Organizational Learning Paths", in G. Dutrenit, C. Garrido and G. Valenti (eds) *Sistema Nacional de Innovacion Tecnologica*, UAM, Mexico DF.
2. M. Cimoli, and De la Mothe J. (2001), The Governance of Technology and Development, in J. de la

- Mothe (ed), Science, Technology and Governance, Continuum-Pinter Publishers, New York/London.
3. M. Cimoli, (2001), "Liberalisation policies and competitiveness in Mexico: are technological capabilities upgraded or downgraded?", in M. Puchet and L. Punzo (eds) *Mexico beyond NAFTA Perspectives by the European Debates*, Routledge
  4. M. Cimoli, (ed) (2000), *Developing Innovation System: Mexico in the Global Context*, Continuum-Pinter Publishers, New York/London
  5. M. Cimoli, and R. Constantino (2000), "Systems of innovation, knowledge and networks: Latin America and its capability to capture benefits", in A. Piccaluga (ed) *Knowledge Flows in National Systems of Innovation*, Edward Elgar Publishing, London.
  6. M. Cimoli, and M. Della Giusta (2000), "The Nature of Technological Change and its Main Implications on National and Local Systems of Innovation", in P. Batten, D. Martellato (eds), *Innovation and Regional Development*, Kluwer Academic, Boston/Dordrecht/London.
  7. M. Altagracia, Cimoli M. et al (2000) "Technical Trajectories and QWERTY Methodology: An Application for Pharmaceutical Innovations" *Journal of Research in Pharmaceutical Economics*, Vol. 10, Number 1.
  8. M. Cimoli, (2000), "A Note on Networking Activities and Innovation System: The Case of Mexico", *El Mercado de Valores, an update on Mexico's Economy and Finance*, Year VII, English edition, 1/JAN-FEB.
  9. M. Cimoli, (2000), "Creación de Redes y Sistema de Innovación: México en un Contexto Global", *El Mercado de Valores*, Año LX, Edición en español, 1/ENERO.
  10. M. Cimoli, (1999), Mexican innovation system and liberalisation policies: are technological efforts and local networking capabilities inhibited?, Presented at the TRIPLEX HELIX Workshop, Rio de Janeiro June 3-4, 1999
  11. M. Cimoli, F. Cingano and M. Della Giusta (1998), "Modes of industrial development, S&T Policies and competitiveness in Mexico", in S. Lall (eds), *Science and Technology Policies in Developing and Transition Countries: Reform and Technological Co-operation with Europe*, UE, DGXII.
  12. M. Cimoli, (1998) "National System of Innovation: A Note on Technological Asymmetries and Catching-Up Perspective", IIASA, WP, Interim Report, IR-98-030/June.
  13. M. Cimoli, and O. Canuto (1998) "Patterns of specialization, economic growth and the balance –of – payment constant". *Revista de Ciência e Tecnologia Política e Gestão para a Periferia*, Recife, v. 2, n.2, p.1-14." (presented at the XXV Encontro Nacional de Economia da ANPEC, Recife, Brasil, proceedings, 1997).
  14. M. Cimoli, Costantino R. and J. de la Mothe (1998), "Knowledge Flows, Innovation Systems and the Role of Partnerships", presented at 1st Ad-hoc Task Force and Expert Meeting on APEC Ministers Conference on Regional Science and Technological Cooperation, Puerto Vallarta, Mexico
  15. M. Cimoli, (1998), "Methodologies for the Studies of NIS: A Cluster Based Approach for the Mexican Case", presented at the *OECD Workshop on Cluster Analysis and Cluster-Based Policies*, October, Amsterdam, proceedings, 1997.
  16. M. Capdevielle, M. Cimoli and G. Dutrenit (1997), "Specialisation and Technology in Mexico: a Virtual Pattern of Specialisation", IIASA; WP, Interim Report IR-97-016May, 1997 (presented at the workshop on "Transfer of Technology, Trade and Development: The Newly Industrialised Economies in the Global Competition", Ca' Foscari, Venice)
  17. M. Cimoli, and G. Dosi (1996), "Patterns of Development within Different Technological Paradigms", in K. Dopfer, *The Global Dimension of Economic Evolution: Knowledge Variety and Diffusion of Economic Growth and Development*, Physica, Heidelberg
  18. M. Cimoli, and G. Dosi (1995), "Technological Paradigms, Patterns of Learning and Development. An Introductory Roadmap", *Journal of Evolutionary Economics*, Vol. 5, n. 3 (working paper n.83, IIASA, Laxenburg, Austria).
  19. M. Cimoli, (1995), "Tecnologia, Specializzazione e Crescita: Un Approccio Strutturalista", in M. Pugno (ed.), *Commercio Internazionale e Crescita economica*, NIS, Roma
  20. M. Cimoli, (1994), "Specializzazione e Crescita Endogena in un Modello Strutturalista", *Giornale degli Economisti e Annali di Economia*, Vol. LII, n.4-6, Aprile-Gugno.
  21. M. Cimoli, y G. Dosi (1994), "De los Paradigmas Tecnológicos a los Sistemas Nacionales de Producción e Innovación", *Comercio Exterior*, vol.44, n.8.
  22. M. Cimoli, (1994), "Technological Gaps, Specialization and Growth: A Structuralist /Evolutionary View", *working paper n.82*, IIASA, Laxenburg, Austria.
  23. M. Cimoli, (1994), "Look-in and specialisation (Dis) advantages in a structuralist model with endogenous growth", in J. Fagerberg, N. von Tunzelman and B. Verspagen (eds), *The Dynamics of Technology, Trade and Growth*, Edgar Elgar, London

24. M. Cimoli, G. Dosi and L. Soete (1993), "Innovation Diffusion Institutional Differences and Patterns of Trade: a North-South Model", in P.A. David, G. Dosi and F. Arcangeli (eds), *Technology Diffusion and Economic Growth. International and National Policy Perspectives*, Vol 3, Oxford University Press (DRC Paper n. 36 - SPRU, University of Sussex).
25. M. Cimoli, (1992), " Exchange Rate and Productive Structure in a Technological Gap Model", *Economic Notes*, n.3.
26. M. Cimoli, and L. Soete (1992), "A Generalized Technology Gap Trade Model", *Economie Appliquée*, n.3.
27. M. Cimoli, and G. Dosi (1992), "Tecnologia y Dessarrollo. Algunas Consideraciones sobre los Recientes Avances en la Economia de Innovaciòn", in M. G. Uranga (ed.), *El Cambio Tecnologico hacia el Nuevo Milenio*, FUHEM, Madrid.
28. M. Cimoli, and R. Perli (1992), *Eserciziario di Economia Politica*, Cafoscarina, Venice.
29. M. Cimoli, (1991), "Innovation, Endogenous Comparative Advantage and Long-Run Growth", *Note di Lavoro n.91.15*, Dipartimento di Scienze Economiche, University of Venice.
30. M. Cimoli, (1990), *Technology, International Trade and Development: A North-South perspective*, D.Phil Thesis, University of Sussex, SPRU.
31. A. Birolo, and M. Cimoli (1990), "Commercio internazionale, mutamento tecnico e transizione nella specializzazione", in M. Amendola (ed.), *Innovazione e Progresso Tecnico*, Il Mulino, Bologna.
32. M. Cimoli, (1990), "Giustizia distributiva, istituzioni e tecnologie nel problema del sottosviluppo", in P. Tiberi (ed.), *Etica ed Economia*, CEDAM, Padova.
33. M. Cimoli, and G. Dosi (1990), "The Characteristics of Technology and the Development Process: Some Introductory Notes", in M. Chatterji (ed), *Technology Transfer in the Developing Countries*, Macmillan Press, New York, London.
34. M. Cimoli, and I. Musu (1989), "Mercato del lavoro e cambiamenti nella struttura produttiva dell'economia italiana", for the C.N.R. publication series.
35. A. Birolo, and M. Cimoli (1989), "Trade and Structural Change as a Sequential Process", presented at the conference "Irreversibilités Dans Les Modes de Croissance: Institutions, Technique et Economie", CEPREMAP, Paris 21-23 June. Published in *Note di Lavoro n.9021*, Dipartimento di Scienze Economiche , University of Venice.
36. M. Cimoli, and I. Musu (ed.) (1989), *Cambiamento strutturale ed asimmetrie nell'economia italiana*, Franco Angeli, Milano.
37. M. Cimoli, (1988), "Industrial Structures, Technical Change and the Modes of Regulation in the Labour Market. The Case of Latin American Countries", *DRC Paper n. 60*, SPRU - University of Sussex.
38. M. Cimoli, and G. Dosi (1988), "Technology and Development, Some Implications of Recent Advances in the Economics of Innovation for the Process of Development", in A. Wad (1988) (ed), *Science, Technology and Development: A Critical Perspectives*, Westview Press, Boulder Colorado-IT Publications, London, (DRC Paper n. 35 - SPRU, University of Sussex).
39. M. Cimoli, (1988), "Technological Gaps and Institutional Asymmetries in a North-South Model with a Continuum of Goods", *Metroeconomica*, Vol. 39, n. 3.
40. M. Cimoli, (1987), "Modelli Nord-Sud: una valutazione critica", *Studi Economici n. 31*.
41. M. Cimoli, (1985), "L'asimmetria nei modelli di scambio internazionale - Economie sviluppate e sottosviluppate", *Nota di Lavoro n. 8509*, Dipartimento di Scienze Economiche, University of Venice.