

# Andrea Sommariva

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## Information Systems - IT

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## Curriculum Vitae

Andrea Sommariva is Associate Professor of Practice and director of the multidisciplinary research laboratory on the evolution of the space economy (SEE Lab) at the SDA Bocconi School of Management. He is an international economist specializing in international finance, the markets for oil and raw materials, renewable energy, and development of the space economy. He is a member of the study group "Space Mineral Resources - Challenges and Opportunities" of the International Academy of Astronautics.

He has worked in academia as an associate professor at the University LUISS of Rome, the Catholic University of Milan, the China-Europe Management Institute in Beijing, and SDA Bocconi in Milan. In the past, he served as an economist at the International Monetary Fund, Economic Advisor to the Minister of the Budget in Rome, Chief Economist at Montedison, and Senior Financial Advisor at the European Bank for Reconstruction and Development.

At present, his research interest centers on the development of the space economy, particularly on the effects of space activities on the world economy and the international relations. He has collaborated extensively with Professor Giovanni Bignami, a world known astrophysicist. He has written three books with Professor Bignami: (i) A Scenario for Interstellar Exploration and Its Financing (Springer Briefs in Space Development, 2013); (ii) Oro dagli Asteroidi e Asparagi da Marte: Realtà e Miti dell'Esplorazione dello Spazio (Mondadori Education, 2015); and (iii) The Future of Human Space Exploration (Palgrave MacMillan, 2016). In 2018, he has published a book The Political Economy of the Space Age: How Science and Technology Shape the Evolution of Human Society (Vernon Press, Series in Economic Development).

He collaborates with the journal Astropolitics devoted to the analysis of the economic, political, and military implications of

the use of space. He has written two articles for *Astropolitics*: Motivations behind Interstellar Exploration and Colonization, (March 2014), and Rationale and strategies for asteroids exploration and mining (March 2015).

Andrea Sommariva graduated in economics from Bocconi University in Milan, and studied at the University of Leuven in Belgium and the University of Indiana in the United States.

## Publications

### Books

- The Political Economy of the Space Age: How Science and Technology Shape the Evolution of Human Society, Vernon Press, March 2018
- The future of human space exploration. Palgrave MacMillan, June 2016
- Oro dagli Asteroidi ed Asparagi da Marte. Miti e Realtà dell'Esplorazione dello Spazio. Mondadori Education, March 2015.
- A Scenario for Interstellar Exploration and Its Financing. Springer Briefs in Space Development, April 2013.
- The ECU market. Lexington Books, Lexington Mass, 1987.
- German Macroeconomic History, 1880–1979: A Study of the Effects of Economic Policy on Inflation, Currency, Depreciation and Growth. New York: St. Martin's Press, 1987.

### Articles

- Rationale, strategies, and economics for asteroids exploration and mining, *Astropolitics*, March–April 2015.
- Motivations behind Interstellar Exploration and Colonization, *Astropolitics*, March 2014.
- A Scenario for Interstellar Exploration and its Financing, paper presented to the eighth International Academy of Astronautics' Symposium, Turin July 2013.
- Inflation and Currency Depreciation in Germany, 1920–1923: a dynamic model of exchange rates and prices, *Journal of Money, Credit and Banking*, vol. 27, no. 2, May 1995.
- The financial reforms in Central and Eastern European Countries and in China, *Journal of Banking and Finance*, pp 883–991, vol. 17, issue 5, 1993.
- Banking sector and restructuring in Eastern Europe, *Journal of Banking and Finance*, pp 931–957, vol. 17, issue 5, 1993.
- The German Depression and the Stock Market Crash of the Thirties: the role of Macro policies and of the international Business Cycle, *Journal of Banking and Finance*, vol. 13, no. 4/5, September 1989.
- International Gold Flows in Gold Standard Germany: A Test of the Monetary Approach to the Balance of Payments, 1880–1911, *Journal of Money, Credit and Banking*, vol. 20, n. 1, February 1988.
- The Determinants of the German Official Discount Rate and of Liquidity Ratios during the classical gold standard: 1876–1913, *Economic Papers, Directorate General for Economic and Financial Affairs, EEC*, n. 58, September 1987.