

**CURRICULUM VITAE**  
**SERVET MARTINEZ AGUILERA**

- I was born at Santiago, Chile, March 5, 1952.
- I am Full Professor Universidad de Chile. Departamento de Ingeniería Matemática and Centro de Modelamiento Matemático, Facultad de Ciencias Físicas y Matemáticas.

Degrees

- Mathematical Engineer, Universidad de Chile, 1975.
- Doctorat 3ème cycle en Probabilités, Université de Paris Pierre et Marie Curie, 1979.
- Doctorat d'État en Mathématiques, Université de Paris Pierre et Marie Curie, 1986.

My research areas are:

- Stochastic Processes, Markov Chains, Potential Theory, Statistical Physics;
- Ergodic Theory, Symbolic Dynamics, Cellular Automata;
- Stochastic Modeling: Fragmentation, Genomics, Population dynamics.

The Monographs I have written:

- C. Dellacherie, S. Martinez, J. San Martin. Inverse M-matrices and Ultrametric Matrices. Lecture Notes in Mathematics Vol. 2118, 2014, 236 p.
- P. Collet, S. Martínez and J. San Martín. Quasi-stationary distributions. Markov chains, diffusions and dynamical systems. Collection Probability and its Applications, Springer Verlag, 2013, 280 p.
- E. Goles and S. Martínez. Neural and Automata Networks. Dynamical Behavior and Applications. Kluwer Academics Pub., Mathematics and Its Applications, 1990 (1st. Edition), 1991 (2nd. Edition), 250 p.

Some special lectures I has given:

- Levy Lecture, Bernoulli Society, World Congress on Probability and Statistics, Toronto, July 2016.
- Invited Plenary Lecture, Stochastic Process and Applications, Berlin, July 2009.
- Opening Lecture, 3rd International Congress on Applied Probability, U. Connecticut, May 2006.
- Invited Lecturer, Lunteren Meeting, Lunteren, The Netherlands, November 2006.

I was awarded with

- John Simon Guggenheim Memorial Foundation Fellowship, 2008.
- Légion d'Honneur, French Government, 2007.
- TWAS Award in Mathematics, TWAS, Academy of Sciences for the Developing World, 1999.
- National Prize in Exact Sciences, Chilean Government, 1993.

Scientific societies I have served and some responsibilities:

- President Chilean Academy of Sciences 2004-2009 and full member of the Chilean Academy of Sciences since 1996.
- President UMALCA (Mathematical Union for LatinAmerica and the Caraibes), 2009-2016.
- Fellow TWAS, Academy of Sciences for the Developing World, elected 2005.
- Editor-in-chief ALEA Journal of Probability and Mathematical Statistics, IMPA, 2013-2015.