

# Juan Chamero – Professional and Academic CV

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## Identification

Name: *Juan Chamero*

Civil Status: Married, three sons

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## Professional and Academic Profile

AI, Mathematical Modeling and Total Systems Architecture

- Cybernetics and IT in **IBM** as Applied Science Coordinator and Senior SE for the South American Region (8 years);
- Consulting: Founder and President of two of the most prestigious IT Consulting Companies of the Latin American Region (20 years);
- Internet pioneer (1995 ....)

## Experience

### Internet

He was founder and creator of [www.amarillas.com](http://www.amarillas.com) (1995), a Latin American Portal that was sold to Yupi Internet Inc and lately transferred to Microsoft. He also was Co-Director of the B2B Bilingual Vortex Facilitator built on the same domain.

He was founder of **Intag, Intelligent Agents Internet Corp**, a R&D firm that creates **FIRST, Full Information Retrieval System Thesaurus**, a logical mathematic methodology to create **Maps of the Human Knowledge** and “**Semantic Glasses**” to unveil the intelligence of huge Data Reservoirs seeing them as perfectly ordered, and to optimize all types of Websites matchmaking. He was the Principal Architect of three proto **Web Thesauruses** and three **Semantic Seeds** (pre Thesauruses), namely:

### Thesauruses:

- **ICT, Information, Computing and Telecommunications Thesaurus** (2003);
- **The Art Thesaurus** for the Theseus Project of the European Union (2009);
- **Tourism Thesaurus** for a leading country of the South American Region (2011);

### Semantic Seeds:

- **Mathematics** (2009), a joint effort with Dr. Eduardo Ortiz, Emeritus Professor of the Imperial College of London and his team;
- **Corporate Security** (2010), for the opening of the World Congress of Private Security, Madrid, Spain;
- **Pope Francis Avatar** (2014 ...), an Intag AI, Artificial Research to unveil from the Web as `as_is` and update continuously everything in terms of information and knowledge about a leading personality.

## IT – Mathematical Modeling and Operations Research

As a Consultant he has performed more than a hundred of macro and micro Economical Feasibility studies, Portfolio Selection Investment studies and Forecast Simulations. Among them it's worthwhile to mention:

- In the **IBM Advanced Applications Department** once graduated first of its promotion presented a Thesis about **Multivariate Correlation Method** to forecast major American Commodities. At that opportunity the method was successfully tested with world cocoa and coffee markets
- A **Monte Carlo Simulation Model** built to optimize the Nylon cutting procedure for **Dupont de Nemours**. This work deserves several International **IBM Awards**.
- **TOSS, Teleprocessing Online Systems Simulator**, a Monte Carlo Simulation Model to optimize the queuing process of Online Banking that deserves to be considered an IBM product program.
- A **Monte Carlo Savings and Loans Heuristic Model** to study the economical feasibility of that financial activity made for the **Argentine and Brazil governments**.
- A **General Risk Investments Analyzer** using Monte Carlo techniques made as a Facilitator Software Package for the **IBM Advanced Applications Department**.
- A **Heuristic Rain and Drainage “Río de la Plata” Basin Model** made for the **Argentine and Brazil governments** to simulate the effects of the upper Amazon's and River de la Plata's giant basins over dams, coastal lands and urban basin's rivers areas. That work, one of the most important of its class in the world was made with a French-Argentinean consortium. He was the Co-Director and responsible of the Mathematical Model.
- Several **World Model Modules** design, programming and running performed for the **Club of Rome World Model**.
- **Buenos Aires Growing Model** performed for the **Municipality of Buenos Aires**, as a Master Planning of this Metropolis of more than 11 million of inhabitants.

## Studies

### Graduated

- **Electromechanical Engineer**, graduated in **La Plata National University of Argentina** (6 years);
- **Nuclear Physics**, in the **Atomic Energy Commission of Argentina** (2 years);
- **Nuclear Physics, doctorate at Saclays**, France;
- **Advisor Systems Engineering** in the **IBM Advanced Applications Department, NY** (6 months);
- **Senior Systems Engineering** in the **IBM Systems Research Institute of White Plains** (6 months);
- **Scientific Management** in the **IBM Executives School**, Blaricum, Holland (3 months);
- **Mathematical Models**, in Grenoble, France (6 months).

### IT/Internet/Operations Research Skills – Tools:

Expert Systems, Intelligent Agents, IT Ontology, Information Retrieval and data Mining, Web Semantics, Mathematical Modeling, Stochastic Analysis, VAR, Gauss, HTML, Java, C++, XML, XQL, Scientific Databases Administration, SAP packages, Logical Programming, Intranet - Extranet n-tier architectures, Unix, Linux, Windows NT, Algorithmic Languages and Cryptanalysis.

**Languages:** Spanish, English, French, Italian and Portuguese.

**Present Responsibilities:** **CEO** of **Intag, Intelligent Agents Internet Corp** an American R&D specialized in Artificial Intelligence, Web Semantic and Mathematical Models.

## Academic Experience

- **Associate Professor** of *National University of Buenos Aires*;
- **Titular Professor** of *Catholic University of Buenos Aires*;
- **Titular Professor** of *CAECE University of Buenos Aires* where he was its founder and Vice Rector;
- **Titular Professor** of *The University of Belgrano of Buenos Aires*;
- **Invited Professor** in several Research Institutes and Universities of Latin America and Spain, and in the *World Organization of the American States*.

## Publications, mentions

Author of many books and essays related to Web Semantics, Systems Theory, Human Excellence, Religions Compared, Social Networks and Geopolitics. He has been IBM Systems Engineering Award winner in three opportunities.

### Some recent E-books

- [\*Semantic Web\*](#) - The Human Knowledge Map, The Web as seen by Darwin Methodology, document published in PDF and EPUB of 500 and 690 pages respectively
- [\*The Web of the People\*](#), document published in PDF and EPUB of 250 pages.
- [\*Darwin Human Knowledge Maps\*](#), a 75 slides series published by Google books.

### Some Websites and Darwin Links

- [\*Intag.org\*](#), experimental Website that since year 2002 hosts the first Darwin Web Thesaurus. Its use was shared by our Web development Darwin Team working conjunctly with several Latin American universities and associated Labs.
- [\*Juan Chamero Curriculum Vitae\*](#);
- [\*Darwin Blog\*](#), a primer about Darwin in Spanish and English;
- [\*Intag, Intelligent Agents Internet Corp\*](#), Corporative Darwin Support and Rights Proprietary;
- [\*Darwin Ontology\*](#), the first e-book draft as of year 2008 about our ontology and its conjectures. It documents most Darwin conceptual changes along its first 10 years of life (2001 – 2010).
- [\*Aiware\*](#), experimental i-Web, Intelligent Website where Darwin Applications are promoted and tested (updated January 1st 2015). See: Big Data Pills, an experimental Big Data series (27).

**Hobbies:** Zen fitness, and chess

See [\*Zen Fitting\*](#), a Google book about “Excelencia Psicofísica”, a tutorial of 822 pages: three courses of 40 classes each: for “common people”, psychophysical training of elite groups, and people with “terminal diseases”.