

Juan Chamero



Identification

Name: *Juan Chamero*

Civil Status: Married, three sons

Email Addresses: Institutional: juan.chamero@intag.org; Abroad: jach_spain@jach_spain.es

Profile: Mathematical Modeling and Total Systems Architecture

- Scientific: **Atomic Energy Commission of Argentina** (5 years)
- Technical: Operations Research, 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 (17 years).

Experience

Internet: Founder and creator of www.amarillas.com 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. Founder of **Intag, Intelligent Agents Internet Corp**, a R&D firm that creates **FIRST, Full Information Retrieval System Thesaurus**, a logical mathematic methodology to a) create **Maps of the Human Knowledge, "Semantic Glasses"**, b) to unveil the intelligence of huge Data Reservoirs and to see them as perfectly ordered, and c) to optimize all types of Websites matchmaking.

IT - 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 cocoa and coffee.

A **Monte Carlo Simulation Model** built to optimize the Nylon cutting procedure for **Dupont de Nemours**. This work deserves 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**.

Great Buenos Aires Growing Model performed for the **Municipality of Buenos Aires**, as a Master Planning “futuribili” backup 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**, graduated 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. .

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

- **Titular Professor** of **National University of Buenos Aires, 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 Systems Theory, Human Excellence, Religions Compared, and Geopolitics.
- . He has been IBM Systems Engineering Award winner in three opportunities.

Hobbies: Zen fitness, and chess