

## CURRICULUM AND BIBLIOGRAPHY

### CURRICULUM OF THE AUTHOR JAIME SANTANA POMARES

#### STUDIES INVESTIGATION AND PROFESSIONAL ACTIVITY

Jaime Santana studied Mercantile Calculus in the School of Industrial Mastery (engineering), Mathematics, Access to Physics in Distance Learning University, Diploma in different disciplines related to Electronics, Radio, Television and Colorimetric, Studies on colour in the optical physiology of the human eye. He specialized in electromagnetic radiations, where he made important discoveries.

In 1953 he created his own enterprise dedicated to manufacturing radio and television receivers in black and white and colour.

His innovative vocation provided him experience and knowledge in matters related to the techniques used in his activity, in accordance with electromagnetic radiations in their capacity to transmit, propagate and receive information using void space as a means of transport.

During 25 years, he has directed the research in the electronics department of his enterprise. He created various electric circuits for the design and manufacturing of radio and television sets, (black and white and colour) and for the audio and visual field.

He created a mechanism for distributing light in ramifications using optic fibres specially worked out for illumination, which were handmade in his own enterprise of electronic products. This system allows the light from just one source, to be distributed to premises and grounds, illuminating simultaneously various separated enclosures thus saving a lot of energy.

Between the years 1968 and 1971, he was coordinator and manager of Spanish Television in the Valencian community. Founder of ANIEL (National Association of Electronic Industry). He was for 16 years member of the Board of Directors of Group One.

Ex spokesperson of the Plenary Session of the Chamber of Commerce, Industry and Navigation of Alicante. Member of FEMPA (Federation of Metal Entrepreneurs of the Alicante Province). Ex member of COEPA (Confederation of Enterprises of the Alicante Province) Board of Directors Executive Committee, Honorary member of the Association of Enterprises dedicated to installing and servicing the Electronic Equipments of the Alicante Province. Honorary Professor & Collaborator of the Alicante University.

Author of the Method Santana. FIRST UNIVERSAL LEXICON FOR COLOURS TO STANDARDIZE COLOUR NOMENCLATURE.

This is an objective language, easy to understand and assimilate. It can be understood in all the countries of the world. He has published nine books on colours and the phenomena derived from its application in real life.

In 1995, the Alicante University and the Corporation for Entrepreneurs invited him to give courses on his Method about the New Objective Language of Colour.

During the years 2001 to 2004, he gave training courses for teachers at CEFIRE (Centre for

Vocational Training for Teachers) organized by the Valencia Community Government (Departments of Culture, Education and Science. General Direction for Educational Innovation and Linguistic Politics).

## 2.- PUBLISHED BOOKS

TABLE FOR MEASURING COLOUR IN AN OBJECTIVE WAY

ISBN: 84-404-7819-4

METHOD SANTANA, CODE FOR COLOUR IN DEGREES

BOOK I

ISBN: 84-604-3684-5 Book I

METHOD SANTANA, CODE FOR COLOUR IN DEGREES

ISBN: 84-604-3682-9 Book II

METHOD SANTANA. EDUCATIONAL COURSE TREATY ON  
COLORIMETRY

ISBN: 84-604-9280-X

METHOD SANTANA. Nomenclature of Colours normalized  
for all languages

ISBN: 84-605-4728-0

METHOD SANTANA. First Universal Lexicon of Colours for all  
languages in the terminology of the Method Santana

ISBN: 84-923014-0-6

Genetics of colour. How to apply the terminology of the  
Method Santana

ISBN: 84-923014-3-0 Book I

ISBN: 84-923014-4-9 Book II

Natural Laws of Colour. How to measure colour

ISBN: 84-923014-5-7

## 3.- PATENTS RELATED TO COLOUR

Generator of Objective Nomenclature for Colours

P N 9801759/4

EUROPEAN PATENT OFFICE

Santana Method First Universal Lexicon for Colour

N 1194.497

EUROPEAN PATENT

Generator of Objective Nomenclature for Colours

99940200.1  
NORTH AMERICAN PATENT

Generator of Objective Nomenclature for Colours  
N 09/762.528  
NORTH AMERICAN TRADEMARK

Santana Method  
N 76/034.232

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COMPUTER PROGRAM Generator of Colours in the  
Terminology of the Method Santana

FRENCH PATENT. N 85 / 18424  
Optic Fibre Lamp

PATENT OF THE CHINESE POPULAR REPUBLIC. N° 86107261.  
Device for transmitting luminous Energy

#### 4.- INTERNATIONAL, NATIONAL AND LOCAL PRIZES

In recognition of his discoveries resulting from the research on light, on the electrostatic energy of matter, on the electromagnetic radiations that give origin to colour and on the optic physiology of the human eye.

He was granted an audience by the King Juan Carlos I in the Royal Palace on November 6th and later in Alicante at the Hotel Meliá.

#### INTERNATIONAL PRIZES:

Oscar of the Ministry of Industry in Belgium (1989)  
Gold Medal in Beijing (China) (1988)  
Gold Medal in Switzerland (1989)  
Oscar of the International Competition in Montreal (Canadá) (October 1989)  
GOLD Diploma at the International Competition for Innovation in Pittsburgh (PA. United States) (1990)  
Decorated for his contribution to progress with the honorary distinction of the Belgian Legion, with number 1030, in Brussels (1989)

In NEW YORK (September 18, 2003 - Foundation Angel Orensanz). Jaime Santana was nominated representative of the scientific world for his new system for future town planning to be implanted in big cities (96 storey high Garden Tower or Torre Jardín) developed by a group of international architects, among which Antonio Ortiz Bordallo. Ceremony of presentation to the authorities for the installation in New York as building of the new culture of international town planning.

Nominated for the NOBEL PRIZE of Physics in 1988. Presented by the National Association

for Innovation, with the support of the Alicante Deputation, Chamber of Commerce, Industry and Navigation of Alicante, Confederation of Entrepreneurs of the Alicante Province. Irrigation Community of the Levante region, (40.000 members) and 17 national and international Academic Institutions, members of the declaration of Social Interest at the request of the Cultural, Literary, Scientific Athenaeum of Alicante, approved at the Board Meeting of December 18. 2002.

#### NATIONAL PRIZES:

GOLD medal awarded by the international committee of INVENTALIA in Madrid (1987)  
Prize Villa de Madrid (1987)

The Spanish Council of Ministers at the meeting of April 26, 2002, decorate Jaime Santana with the Gold Medal of Merit for his research in the field of Physics and for his development of the First Universal Lexicon of colours.

His Majesty Juan Carlos I, King of Spain, awards by Royal Decree, the title of EXCELLENT SIR to Jaime Santana Pomares.

GOLD MEDAL of the Chamber of Commerce, Industry and Navigation of Alicante awarded at the plenary meeting of November 2003 for his work.

GOLD MEDAL of the Federation of Metal Entrepreneurs of the Alicante Province (FEMPA) October 2002, in recognition of his work during the 25 years of the Federation.

Nominated for the Gold Medal of Work on May 23, 2000 by the Sub-delegation of the Alicante Government at the request of the National Association for Innovation in Madrid, Association for Innovation Narcis Monturiol of Catalonia, the Mass Media Association of Alicante (Valencian Community). The Alicante City Council, academicians and political people of all ideologies. Senators for the Alicante province, entrepreneurial organizations of the Alicante and Valencia province (total 53) supporters, plus 49 individual supporters from people with posts of responsibility of various sectors of the economy, the education and enterprises of general interest. There are altogether 102 people who give their support to the work of Jaime Santana on the nomenclature of colour and his work related to light and colour.

#### LOCAL PRIZES:

Special prize for investigation in 1989, awarded by the Alicante "Chamber of Commerce, Industry and Navigation" (Valencian Community)

Prize "Genuine Professionals" awarded by public vote -Radio program "Cadena Ser" Alicante  
Prize "Creativity and Marketing Alicante"

"Honorary Ambassador of Alicante" awarded by the Alicante County Council by request of the "Concellería of Tourism" (1986)

Prize "Important", by the Alicante Daily Newspaper "Información" (May 1989)

His work has been declared of "Social Interest" by the Scientific, Literary and Cultural Athenaeum of Alicante, with the support of the National Association for Innovation - Madrid, and the Association Narcis Monturiol - Barcelona, as well as the support of sixteen official institutions of social interest.

NOMINATIONS: "CITIZEN OF THE WORLD" Credential nº 156787 awarded at the World Assembly of the Peoples

#### 5.- SOME OF THE CONFERENCES

Scientific, Literary and Cultural Athenaeum - Alicante  
University of Valencia  
University of Santiago de Caballeros in Santo Domingo  
Competition EUREKA in Brussels  
School of Engineers - Madrid Spain  
Technical College of Oviedo  
Technical College of San Juan, Alicante  
Technical College of San Vicente, Alicante  
Technical College of Elche, Alicante  
Technical College of Alicante  
Technical College of Gandía, Valencia  
Institute AIDO, Valencia  
Official Chamber of Commerce, Industry and Navigation of Alicante  
University of Barcelona  
Distance Learning University Madrid  
Technical College of Pontevedra  
Montreal International Competition, Canada  
University of Beijing, China  
Alicante Casino  
Buenos Aires and  
Ciudad de Cordoba, Argentina  
Communicating Science in the XXI century, Granada  
Chamber of Commerce of Denia, Alicante

#### 6.- Some of the interviews and appearances in the media

##### APPEARANCES IN TELEVISIÓN ESPAÑA

TVE First channel  
TVE Second channel  
Valencian TV Channel 9  
Antena 3, Barcelona  
TV Gallega  
Canal 37 TV Alicante  
OTHER COUNTRIES  
TV Italy (RAI)  
TV France  
TV Germany  
TV Belgium  
TV Switzerland  
TV China  
TV Canada  
TV Argentina  
As well as 55 appearances talking on topics related

to light and colour

b) APPEARANCES IN CONTROLLED PRESS

A B C	5 TIMES
EL PAÍS	4 TIMES
LA VANGUARDIA (BARCELONA)	3 TIMES
LAS PROVINCIAS (VALENCIA)	7 TIMES
DIARIO LEVANTE	5 TIMES
LA VERDAD (MURCIA)	11 TIMES
DIARIO INFORMACIÓN (Alicante)	41 TIMES
DIARIO DE PONTEVEDRA	2 TIMES
YA (MADRID)	4 TIMES
EL ALCÁZAR DE TOLEDO	2 TIMES
DIARIO 16	5 TIMES
ÉPOCA MAGAZINE	2 TIMES
LA RAZÓN	3 TIMES (AVANCE
EMPRESARIAL, AND TECNOLOGIAS XXI)	

As well as other articles in the international press

c) APPEARANCES ON RADIO PROGRAMS (120 TIMES)

Radio Nacional, Cadena SER, COPE, Radio Madrid, Radio Barcelona, Radio Valencia, Radio Alicante, Radio Popular, Radio Elche, Radio Murcia, Radio Bilbao, Radio Zaragoza, Radio San Sebastián, and others as well as in Brussels, France, Germany, Geneva, Beijing, Montreal Canada, Buenos Aires and Cordoba Argentina.