



-----Initiated the collaboration Lisboa-Santiago de Compostela

----Intuitive, very active, open to understand new ideas.

----Promote the Physics, and in particular High Energy Physics in Portugal.

----We follow very closely the evolution of Particle Physics in Portugal and Spain, participating very actively in the formation and growing of groups (entrance of Portugal and Spain at CERN, creation of LIP, creation of IGFAE, CENTRA). Director of Instituto Superior Técnico de Lisboa

---- Very important was the meeting High Energy Physics in 1981 in Gulbenkian Site in Lisboa (Jorge was the main organizer)

---- Jorge and S.Costa were the organizers in Lisboa of the workshop

The Physics of the Quark Gluon Plasma in 1987 ( NA36 found the suppression of  $J/\psi$ , main signal of QGP, participating the experimental group of Lisboa in first line. At the same time in Santiago was shown the nuclear absorption as the main responsible of that suppression)

In 2005 coorganizer in Ericeira of the first meeting of the series Hard Probes, which becomes one of the main meetings of the field.

Publications of Jorge involved members of Lisboa and Santiago

Phys Lett B 10, Eur Phys J C 6, Phys Rev C 5, Journal of Physics G 2,

Phys Rev Lett, Physics Reports, Nucl Phys A, Acta Phys Pol

J Alvarez Muñiz

C.Andres

L.Cunqueiro

E.G.Ferreiro

C.A.Salgado

C.Pajares

P.Brogueira

R.Conceicao

M.C.Espirito Santo

J.G.Milhano

M.Pimenta

Forward-Backward correlations in pp,pA and AA

Geometrical scaling, scaling of pt distributions.

Multiplicities in pp and AA and energy momentum conservation

Critical string percolation and deconfinement

Early thermalization, pt distributions of clusters decays

Consequences of string interactions in cosmic ray showers

He initiates the workshops between IST-Lip and IGFAE ,that each year alternatively take place in Portugal and Spain during more than 15 years.

Important outreach activity.

Excellent Book Introducao a Física (with P.Brogueira, M.Pimenta, Anna Noronha, and Teresa Peña)Ed McGraw Hill. Translated into Spanish

Jorge Dias de Deus was gold medal of Universidade de Santiago de Compostela



