

Dear Committee of the RAICYT

I am an American scientist (member of the National Academy of Sciences) who knows about the level of academic excellence at the University of Buenos Aires and the University of Cordoba. This , plus the tradition of Argentina in the mathematical sciences.

Immediately coming to mind is the famous textbook on geometry by Santalo which is beautiful, inspiring and relates geometry to probability .

There is also the world famous school
Of mathematical analysis going back to Calderon .

One student from this school , Luis Caffarelli, was awarded the Abel Prize in 2023 .

My own collaborator in the discovery of the new field ,

“String Topology “(1998),

Maira Chas shared many reports of her undergraduate experiences in Buenos Aires that inspired her to become a mathematician.

During two visits to Argentina one at the University in Buenos Aires and the other at a meeting at the University of Cordoba I was impressed by the internationally high level of the scientists I met there.

I recall experiences in Europe about the various levels of Mathematical Science at an earlier time in the different European countries .

It was very surprising that Spain seemed to be inactive compared to France , Germany and the Netherlands where there was much very good Science . This during the seventies I wondered why and tried to find out why at the time.

Now Spain is doing well but it took years to rebuild after the presumably not supportive Franco epoque.

The high quality for students of the universities in Argentina is related to

the excellence of its professors who are stimulated to research the human condition , its history and our current physical reality with its scientific implications for physics,philosophy and mathematics etc.

This is a precious, long standing and difficult to achieve gift that deserves to be intelligently nourished .

Sincerely ,

Dennis Sullivan
Abel Prize 2022.