

My warmest
thanks to all of you
{ With some memories



My
graduation
with a broken
arm



My beginning 1974

Since then 48 years have elapsed

- ⌘ What did I learn in the course of this half century and what is my evaluation of my own professional and personal life?
- ⌘ This is the question to be answered

I had many privileges....

- ❑ I could study many interesting topics and problems.
- ❑ I had the enormous luck of meeting marvelous collaborators and students with whom I have very strong ties of friendship.
- ❑ I could enter a scientific community, that of our field of Supergravity and related issues, that is outstandingly similar to a true international family.
- ❑ I had the intense inner pleasure of witnessing the brilliant scientific career of several of my students.
- ❑ I could visit many different countries and I was able to develop the taste for and the appreciation of different cultures and mentalities.

I also made a tremendously large number of mistakes that have caused me a heap of sufferences, yet my mistakes provided the means of **learning a lot and making a large spectrum of experiences.**

One should **never regret** knowledge and deeper insight in the matters both of Science and of Life.

So I am satisfied with my own life and today event with your presence here is the most blatant evidence that I am right so doing.

- ⌘ The first period was my post-doc in Bielefeld. (1976-1977). There I did not do much research but I could study quietly although by myself. Especially Group Theory, Differential Geometry, General Relativity.
- ⌘ The second period was in Caltech 1977-1978 where I had the incredible fortune of being at a time when a large part of the creators of the superworld were either there or crossing by: J. Schwarz, P. Ramond, B. Zumino, S. Ferrara, to mention some of them. This was decisive for my scientific destiny.
- ⌘ The third period started in Torino in 1978-1979 with my meeting with Tullio Regge who had just written a seminal paper with Ne'eman and with Riccardo D'Auria. Trying to understand the basis of Regge-Ne'eman paper, Riccardo and I invented both the concept and the name of rheonomy. Being requested by Tullio to go in his place to the Stony Brook first conference in Supergravity in 1979 was another critical event of my career. There I met with Peter van Nieuwenhuizen and with Leonardo Castellani.

The early three periods of my
half century long career.



Gleb Wataghin



Mario Verde



Tullio Regge

Let us step back for a moment
and look at the historical
background

Il sincrotrone di Torino

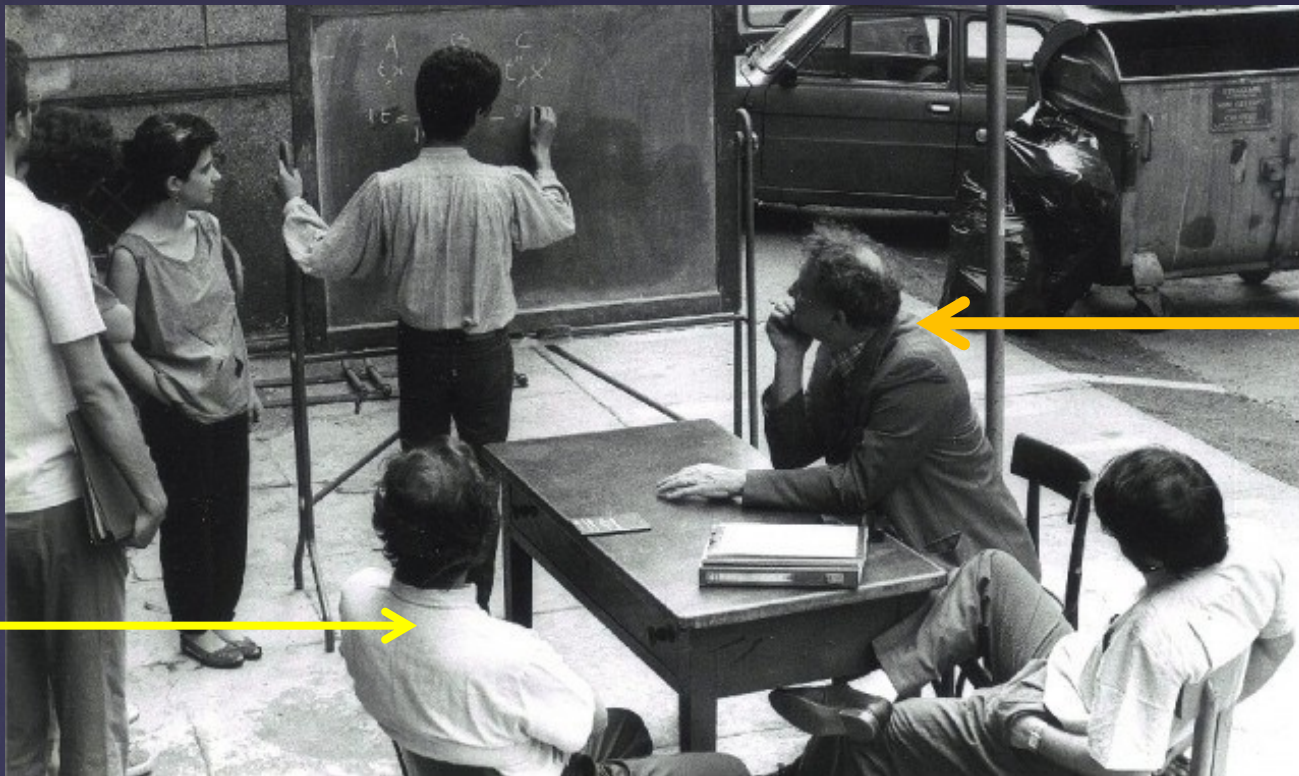
Nel 1959 l'INFN
costruisce un
sincrotrone a
Torino.

Le apparecchiature
sono fornite dalla
Brown Boveri

E' Gleb
Wataghin!



Chi è questo
personaggio
che ride
soddisfatto?



IO
STESSO

Tullio
Regge

Un episodio di molti anni
addietro.....



The SUGRA Adventure begins in Stony Brook 1979



and it continues intensively
there and elsewhere



Athletes and gourmands

In the years from 1980 to 1989

Many things happened. Supergravity was developed extensively in Europe at Stony Brook and in few other locations in the USA.

The ties between Torino and Stony Brook grew very much with extended mutual visits of Peter van Nieuwenhuizen to Torino and of me and Riccardo to SB. Anna Ceresole and Alberto Lerda obtained their PhD in Stony Brook. Exchange of visits, conferences and seminars started to build that Supergravity community I mentioned before which included, Paris, London, Utrecht, Amsterdam, Leuven, Bruxelles, Copenhagen, Berlin, Munich, Hamburg, later also Valencia, Barcelona and Madrid.

Personally in the middle '80s I was at CERN and there I met with Hermann Nicolai who is here today in this room. Anna wrote her first paper with Hermann and me that turned out to be seminal. I was also for extended periods of time in Leuven and Toine Van Proeyen spent a three month term in Torino. All that was very important to strengthen collaboration and friendship ties that continue up to the present time and are vital and precious.

In 1989 I was promoted to full-professorship and I was appointed on a chair at SISSA. I worked in Trieste for six years up to 1996 when I was offered the chair of Relativity by Torino University left vacant by Tullio Regge who had accepted a special chair at Torino Politecnico.

My years in Trieste very much productive and I always remember them with a lot of pleasure. Those years witnessed the construction of the EU financed SUGRA network, coordinated for the first three editions by Toine and for the last one by Dieter Luest.

In those years I met a lot with Luciano Girardello (we all miss him strongly) and with Alberto Zaffaroni who is presently in this room. At SISSA I had other distinguished students, Damiano Anselmi, Marco Billo and last in chronological order Mario Trigiante with whom I still collaborate quite intensively also at the present time.

The Trieste period at SISSA



Sergio Dirac's Medal Ceremony

Trieste & SISSA memories

The Age of the EU networks

{ Once upon a time the EU
Commission financed pure science
and Supergravity

Copenaghen



Utrecht

The years from 1996 to 2001

Once I was back to Torino in 1996 I had an intense period for research and teaching. Those years some post-docs and other Ph.D students worked with me and with Mario Trigiante. We introduced the formalism of the embedding matrix, we developed harmonic analysis in the spirit of the AdS_4 / CFT_3 correspondence and more geometry entered my life.

One of the Ph.D students of that time whom I always remember with a lot of pleasure for his human and professional qualities, Leonardo Gualtieri is here today with us.



Torino 2000





On the Snow



Since 2001 I was more and more involved with both Ukraine and Russia. I learnt the Russian language, I spent a sabbatical year in Kiev, I was a frequent visitor of JINR in Dubna. Ksenya Rulik came to Torino for her Ph.D studies with me and I started collaborating quite regularly with my excellent friend Aleksandr Sorin from JINR.

Scientifically the years from 2001 to 2007 were the years of cosmic billiards and supersymmetric Black Holes

2001: beginning of my
Ukrainian / Russian
adventure



CORFU 2005
L'ETA' dei BIGLIARDI
COSMICI con
KSENYA e MARIO



Supergravity @ 25 in Stony Brook

COSENZA 2005



Ancora Corfù 2005



2009 - 2017

{ Scientific Counselor of the Italian Embassy in
Moscow

**I say vocally what this experience involved
and implied in my life**



Peter Fest @ Stony Brook 2014



DUBNA 2015





Febbraio 2017





Con Nando e Stefano 2018

Since 2020 a new kind of activity in a different and also very much interesting world.

Thanks to my very close and brotherly friend Sauro Additati



Ricordando Luciano

