



Battle of Mukden: Japan Russia
War 1905

“As the war ended, the family was deported in the end of 1945. My mother often told us about the terrors of the situation. For her, it was just lucky for all of us to be able to come back to Japan alive, since she witnessed many young mothers with their kid dead in their arms during the deportation, and had to throw the body from the train. “

Takeshi Kodama: April 1943 Mukden
(Japanese Occupied Manchuria)
Father was civil engineer for Manchurian railway
One older brother Hiroyuki
One older sister Reiko

Mukden was part of Manchuria, an area in which there had been much dispute between China, Russia and Japan. It was the site of the Mukden incident which was the pretext for Japan's invasion of northern Manchuria, and resulted in the second world war in Asia. In August of 1945, Russians invaded Manchuria. Fighting was intense and Japanese casualties outnumbered those of the Russians by 10 to 1. Many Japanese settlers committed mass suicide, or were killed by their own army as the Soviet army approached. The Red army sustained this slaughter of both Japanese and Chinese as they captured Mukden.





6 years

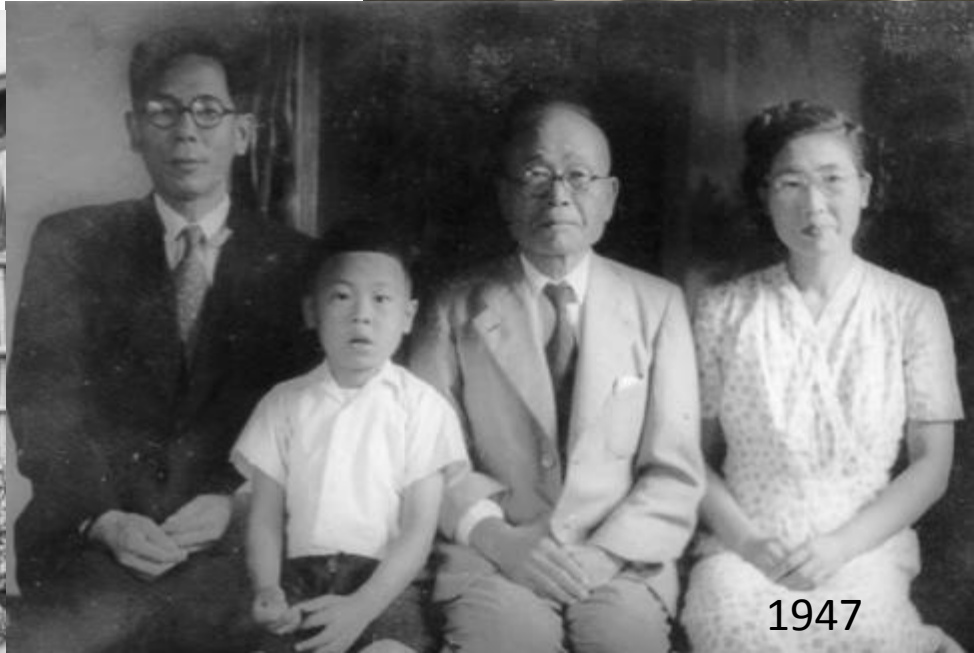
"Back in Japan, my father and grand-father (mother-side) raised a company of civil construction, and after moving from several places in Japan (on arrival, my mother's home, Okayama, a farmer family for few months, next to Yamaguchi - a year or two, then to Sapporo of Hokkaido - 4 years)"



Sapporo



1953



1947



“When I was 9 years old. Sapporo was a nice city where I entered the elementary school. I almost delayed a year, because of sickness, called childhood tuberculosis, maybe due to nutrition deficiency. Fortunately, I could proceed to school without delay, because my brother and sister taught me to read. I read lot of books in bed. In compensation, my eyesight got bad. I was the only kid in the school who wears eye glasses. In that time, I knew from the newspaper that Hideki Yukawa got the Nobel Prize. I was already interested in physics, since my brother taught me to mount a diode radio from a scratch, rolling antenna coils, variable condenser etc. The news definitely determined my future”

“Also at that time, it was rare that we can eat beef (once a half a year or even less). I learned that Brazil is one of the world’s largest producers of beef. I said my mother that I would like to live in Brazil....”

Family 1969





Judo Team 1960

“After moving to Tokyo, it seemed that the life is getting stabilized somehow. In junior school, I started to learn Judo, under the influence of my math teacher. Reason: I was rather a thin, tall, pale boy with eye-glasses, but played with logical arguments, so I was a perfect target of teasing from classmates. In the end of the junior school, I got the first black belt. I also loved geometry due to this teacher, who I still visit from time to time in Tokyo. “

Later when in college “students are very active politically, and confrontations with police were very often due to the university reformation, Vietnam war, etc. They suspected us often that we are staying late at night in the university building, discussing physics, of life and future, of course, drinking. Once we were in a protest activity near the university rector house against the university reform politics, a young police man, who was in the troops protecting the rector’s building, tried to grab my shoulder from the back in order to take me out of the concentration. As my unconscious reaction as a judo-ka, when I was aware, it was too late; he was rolling on the street. It was a nice Ippon, at least. I ran away from there, of course.”



Fujimoto and Lattes

University Classmates 2012

"I chose Physics in Waseda University. There, a few professors changed my vision of what is real Physics. Prof. M. Namiki, Prof. Y. Fujimoto, Prof. M. Yamada, Prof. S. Hasegawa are some of them. In my time, the research groups for Particle and Fields (Namiki), Cosmic Ray and Ultra high energy phenomena (Fujimoto & Hasegawa) and Theoretical Nuclear Physics (Yamada) had common activities, such as seminars and colloquium. I worked with Prof. M. Yamada, who was the specialist of nuclear many body problem and theory of beta decay. My thesis was on the nuclear mass formula with compressibility (that is, nuclear equation of state) and its application to compact stars. At that time, we heard the notice that pulsars are identified as neutron stars. Fujimoto and Hasegawa had started the famous Brazil-Japan collaboration on high energy cosmic ray physics, and had activities in Brazil and observation in Mt. Chacaltaya, Bolivia."

“ I had many friends in the lab of Fujimoto and Hasagwa, and contrary to the theory group, they are working late even in weekends. So, I visited frequently there, drinking cheap Japanese whisky. Fujimoto and Hasegawa told us about Brazil and Rio de Janeiro, and how nice Brazilian people are, especially nice beautiful ladies, who normally give kisses for daily greetings. We, young Japanese students, especially me, who had no such chance in Japan, all got enchanted by the imagination of being kissed by nice ladies. At that time, a kiss means almost "engaging" in Japan. For me, points for Brazil are getting high”.



And even more of beautiful ladies





“When I was finishing my thesis, I had no idea where to go. There was no post, no post-doc scholarship, at that time. One day, I took a subway to the university, a little late for rush, and I saw Prof. Fujimoto in the same wagon, almost vacant. I asked if he may introduce me somewhere to work. He said, "Well, maybe in US, as post-doc.... or do you like to go to get a job in Rio de Janeiro? Because Prof. Lattes wants a young theorist" and I said immediately, YES. “

“Lattes was one of few real geniuses in physics perception. When I visited for the first time at his home to pay my gratitude to come to Brazil, I and Shibata were arriving from Rio at his home in Campinas. It was evening, since Lattes and Mrs. Lattes invited us for dinner. He opened the door, and said, Ah, you Kodama. So, think of two electrons colliding with relativistic energy....: I was with my travel luggage in my hand, standing outside the house, darkening. And I was a 28 year old Japanese who visited outside of Japan for the first time. It was a shock and took some time to understand what he wanted to say. When I got the idea of physics, I was saved by a gong of Dona Marta, shouting from the kitchen, "Cesare, Dinner time!"....

“He loved teasing me, talking lots of jokes usually about Japanese in foreign country or in Brazilian colony. Most of politically not correct jokes (good ones) and dirty ones I know were from Lattes, (some from Horst, of course). ”



Alfredo Marques

“Prof. Alfredo Marques did everything for me to work comfortably, even permitting to travel abroad to attend conferences and collaborations “

Early collaborators and friends included Kohji Takahashi, Ebs Hilf, Jorgen Randrup, Bill Myers, Ray Nix, Sergio Duarte, Chung Kai Cheong, Ruy Nazareth and Raul Donangelo

“One of my significant works done in that period is that a stable radial kink solution can exist in 3d space, in a scalar field theory coupled to the general relativity. I am proud that this paper is still cited steadily till now, because when it was rejected by a referee in PRD, I sent the article and critics of the referee to J.A. Wheeler. He wrote me a very kind letter, saying it is very interesting solution. I sent back to PRD office, then the next week I received that my paper is accepted for publication.”

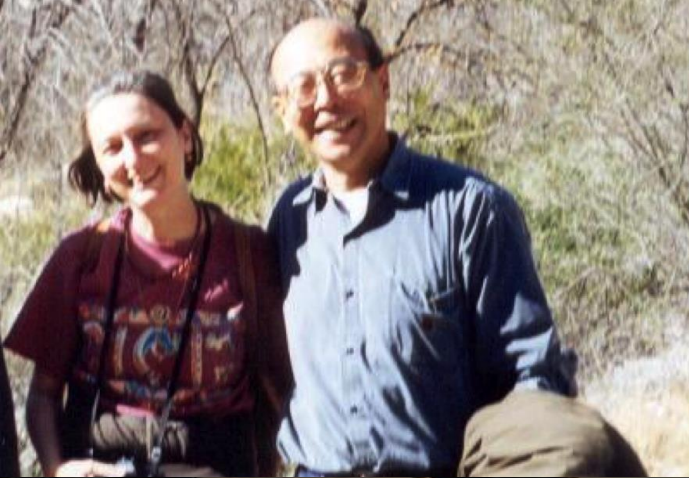


“I married for the first time when I was a 2nd year PhD student, Masako, who is the mother of my first and second daughters, Kaori (born 1971) and Yoko (1975). We lived in URCA nearly for 3 years. In 1974, while I was to visit Darmstadt, Masako took Kaori (at that time, 3 years old) to Tokyo, to spend with her maiden family. Then she noticed that she was pregnant and decided to stay in Tokyo till Yoko born. I was in back in Rio, and they came back to Rio with Kaori (4 years) and Yoko (3 months). However, she passed away soon after her arrival.”

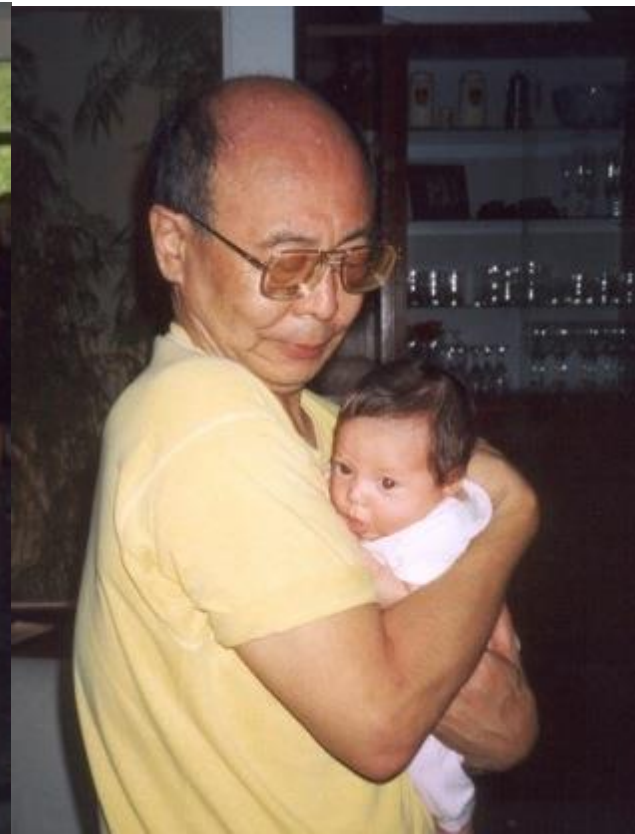
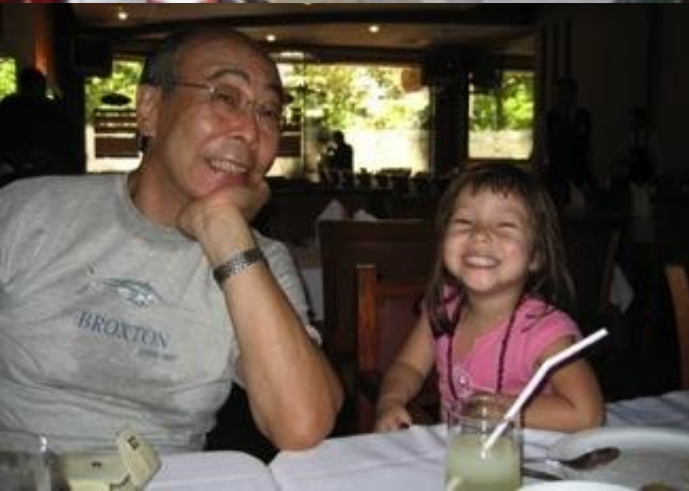
“It was very difficult for me to take care of two little kids, so my brother and my sister in law decided to adopt Yoko as their baby, since they had no kid. So the situation was that I and Kaori in Rio, and Yoko as a daughter of my brother in Tokyo. Yoko grew up thinking that I am her uncle.”

Kaori, Yoko and Mother

A second marriage produced a wonderful third daughter, Ana Carolina



“Now, Kaori is married with a French guy, Georges, and has two daughters, Alice and Yuki. Yoko is not married yet and lives in Tokyo, but she now knows that I am her father and we often visit each other. Ana Carolina married with an American guy, Douglas, and lives in Oak Park, with a daughter Elise and a son, Samuel. Also we visit each other. On my birthday 2013, all of them came to my home. Daniela has been by my side in many of those happy moments...”





“I met Daniela in 1991, in the aircraft going to Brasilia for a meeting of Graduate School Council at the Ministry of Education. We did not talk much during the meeting, but we got return flight together and took the adjacent seats.... A week later, Constantino Tsallis, my good friend, invited me to his birthday party at his home. At that time, we are bachelors, and he used to go out for drinking and dancing with his many girlfriends, and often called me to join. He said, if you wish, take your girlfriend with you. I had no girlfriend, but I remembered Daniela. But I had no contact of her. So, I asked my common friend, astronomer, to invite her to Constantino’s home party. It was all-night party with Greek foods and drinks with Brazilian music. In the early morning, Daniela was sleeping sitting on the floor against the wall and so me, too.”



“Later, I learned that Daniela’s father is a celebrity in Italy, the commandant of Partisan, code name Bill, who captured Mussolini at Lake Como, Italy. There are very exciting “James Bond –like” spy stories after the capture of Mussolini. He wrote a several books on this. I loved him a lot. He was a real Samurai.”



Last year, Daniela and me (actually Daniela's present) celebrated our 20th year of getting together in Bateau Mouches, Seine, Paris with champagne and wine.

“In the end of 70’s, I became acquainted with Yogihiro Hama, who first invited me several times as a member of jury of thesis defense of his students in Univ. São Paulo. I was also interested in high energy multiparticle production process, because of Centauro events, we started to discuss physics with him. At the same time, the Berkeley Bevalac had started to produce a heavy ion beam, I was interested to see what will be the relativistic effects on a bound state such as a nucleus. Walecka’s relativistic mean field theory was also becoming a mode in nuclear structure theory. This period, we started to see the effects of relativity, starting with intranuclear cascade calculations. Working with Y.Hama in USP, I also acquainted with Maria Carolina Nemes in 80’s who taught me that if you do physics, you should publish your work, which should have international visibilities and not do it only as a hobby. Yogihiro and Carolina are the real best friends of mine. “





RANP-95



PASI-2001

HANP- 1988



“We decided to start the series of international workshop, “Relativistic Aspects of Nuclear Physics - RANP”, which I could get support from the national science foundation, CNPq and also the proper CBPF. I should mention that helps and warm encouragements of Grazyna Odyniec, Cheuck-Yin Wong and Herbert Ströbelle are deeply acknowledged. In addition to this, Erasmo Ferreira already started the series of school on Hadron Physics, in early 1980.”



And over time a very strong
community of Brazilian
physics has developed,
perhaps the youngest of its
size in the world





Spherio at Nantes



Spherio Team

The Spherio collaboration is world renown for its development of event by event hydrodynamics. This led to understanding of the ridge, and higher order flow coefficients, which are proving essential for our understanding of the Quark Gluon Plasma as it appears in heavy ion collisions



Jean Paul Blaizot, Alice McLerran and Edward Shuryak
at 60'th Birthday Celebration of
Jean Pual Blaizot and Larry McLerran

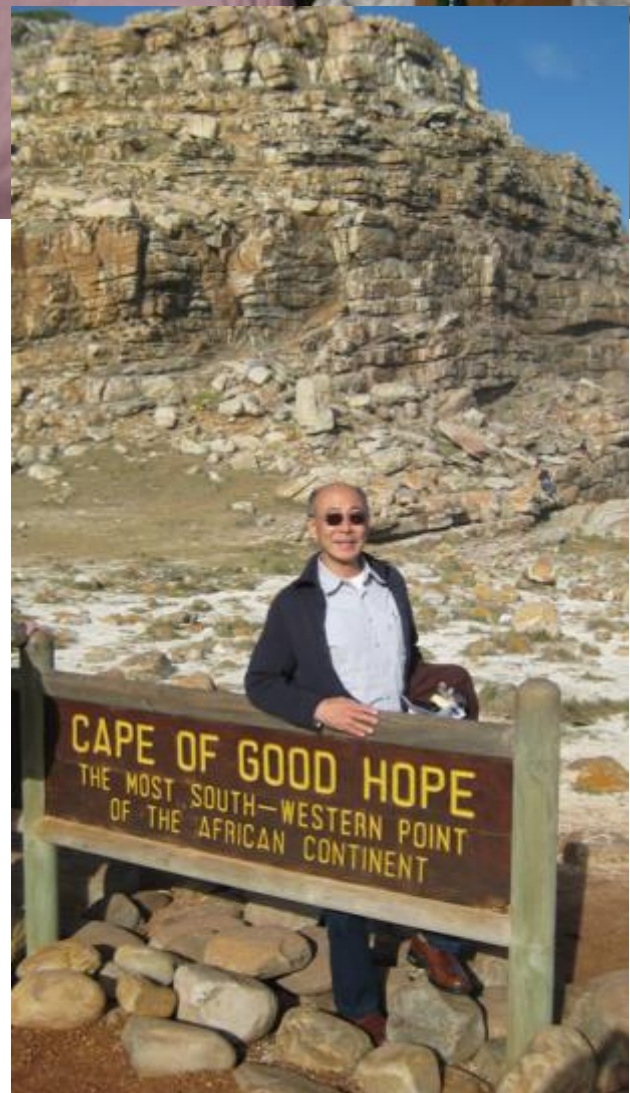
Calcutta 2005

Anglo-French-Brazilian
Connections





South Africa-Brazil
Capetown 2010





A Man of
Action

A
Talking
Dog?

A Man
in
Black?





You must carefully observe the enemy



You must seek out and reveal his weaknesses



You must infiltrate his institutions



Some are not who they appear to be



“For his generous support of US
Science, and informative
discussion of Brazilian physicists,
Takeshi Kodama has been
awarded an expense paid
vacation in Guantanamo, Cuba”





And time for
contemplation,
at the end of
the day,

Or maybe
before the
night begins?





There is still time for the good life!



Yin



Yang

In Chinese philosophy, the concept of yin-yang (simplified Chinese: 阴阳; traditional Chinese: 陰陽; pinyin: yīnyáng), which is often called "yin and yang", is used to describe how seemingly opposite or contrary forces are interconnected and interdependent in the natural world; and, how they give rise to each other as they interrelate to one another. Many natural dualities (such as light and dark, high and low, hot and cold, fire and water, life and death, and so on) are thought of as physical manifestations of the yin-yang concept.

Wikipedia

Youth and Age by: Anacreon (570-488 B.C.)

translated by Thomas Stanley

When I see the young men play,
Young methinks I am as they;
And my aged thoughts laid by,
To the dance with joy I fly:
Come, a flowery chaplet lend me;

Youth and mirthful thoughts attend me:

Age be gone, we'll dance among
Those that young are, and be young:
Bring some wine, boy, fill about;
You shall see the old man's stout;
Who can laugh and tipple too,
And be mad as well as you



Happy Birthday Kodama-san!

