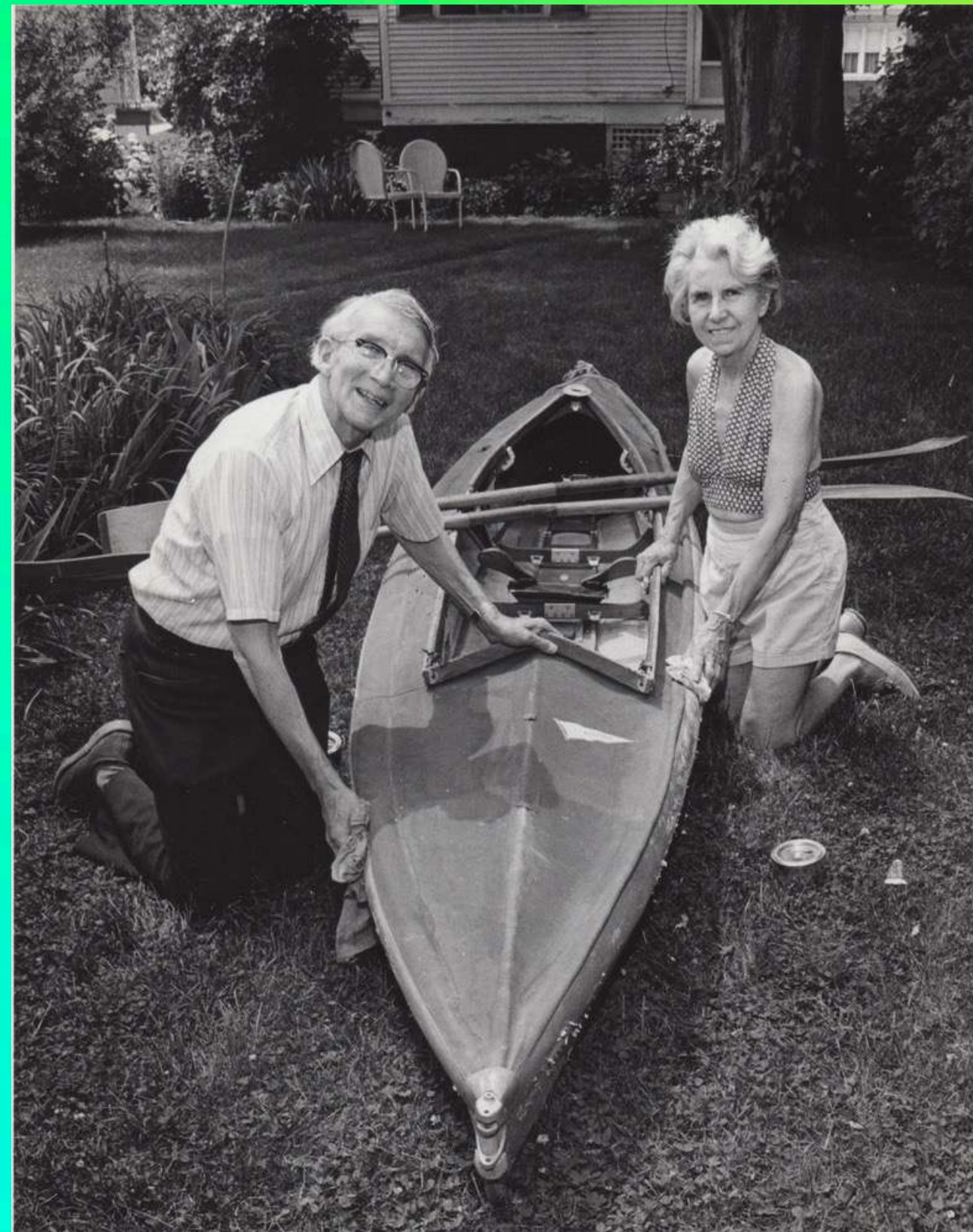


SOME SCENES FROM ERNEST ISING

BY DR THOMAS ISING



Camping on the Danube 1938



Getting ready in Peoria

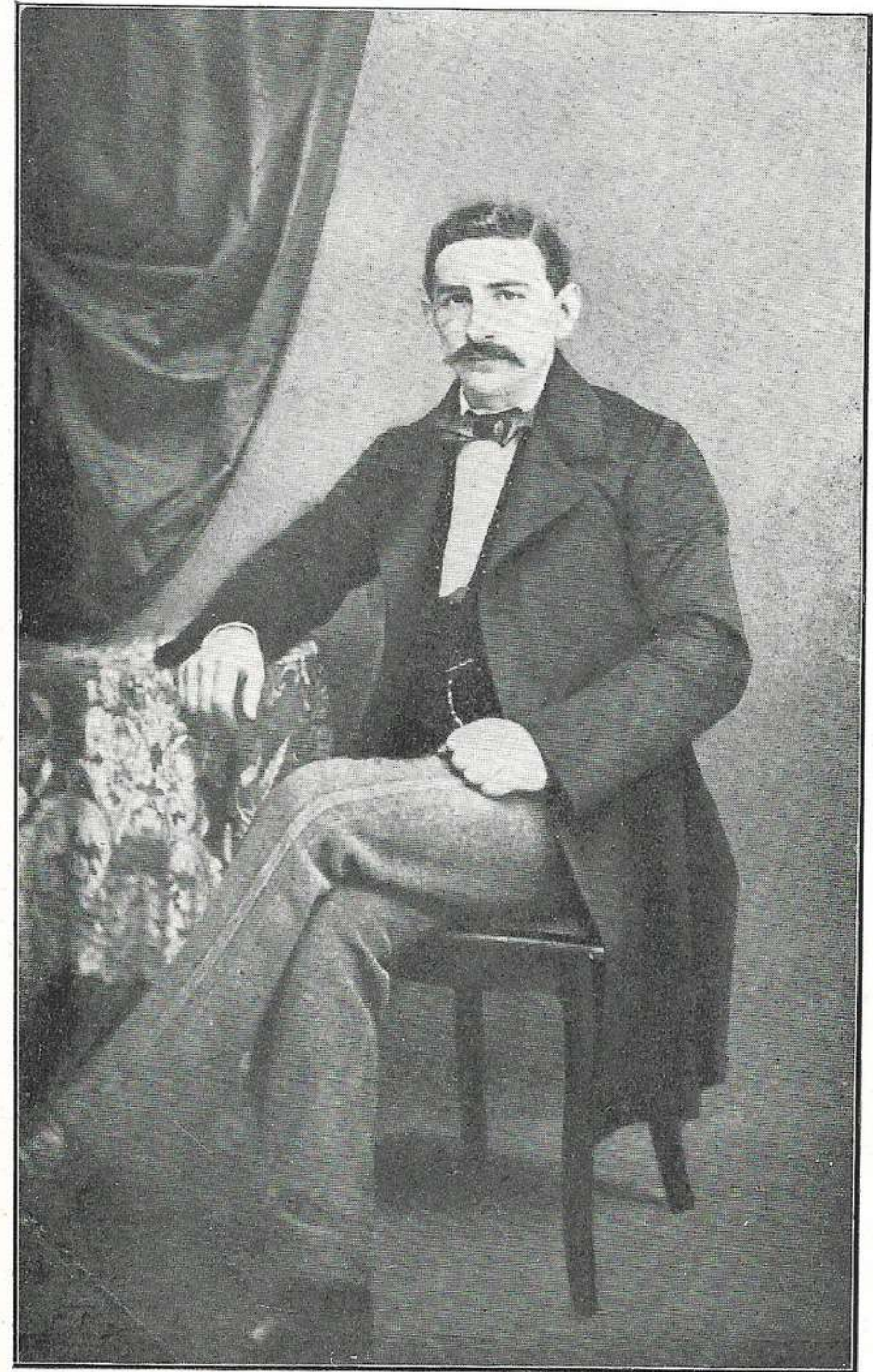


Biking in Luxembourg

The man who started it all
Philipp Freudenberg
1833 to 1919

Phillipp was the brother of my great grandmother
Phillipp made it all happen

Born in Poverty
His father barely made a living
He bought hemp for an uncle from age 15 to 25
In 1858 found relative Bene Lowenstein
who had store in Bochum
Started success - see picture at age 27
He married niece Johanna Lowenstein
opened own store in 1863 in Elberfeld
Hired friend Leo Hirsh and two younger sisters
Married Johanna to Leo and Sophia to Emanuel Loewe
They are my father's grandparents



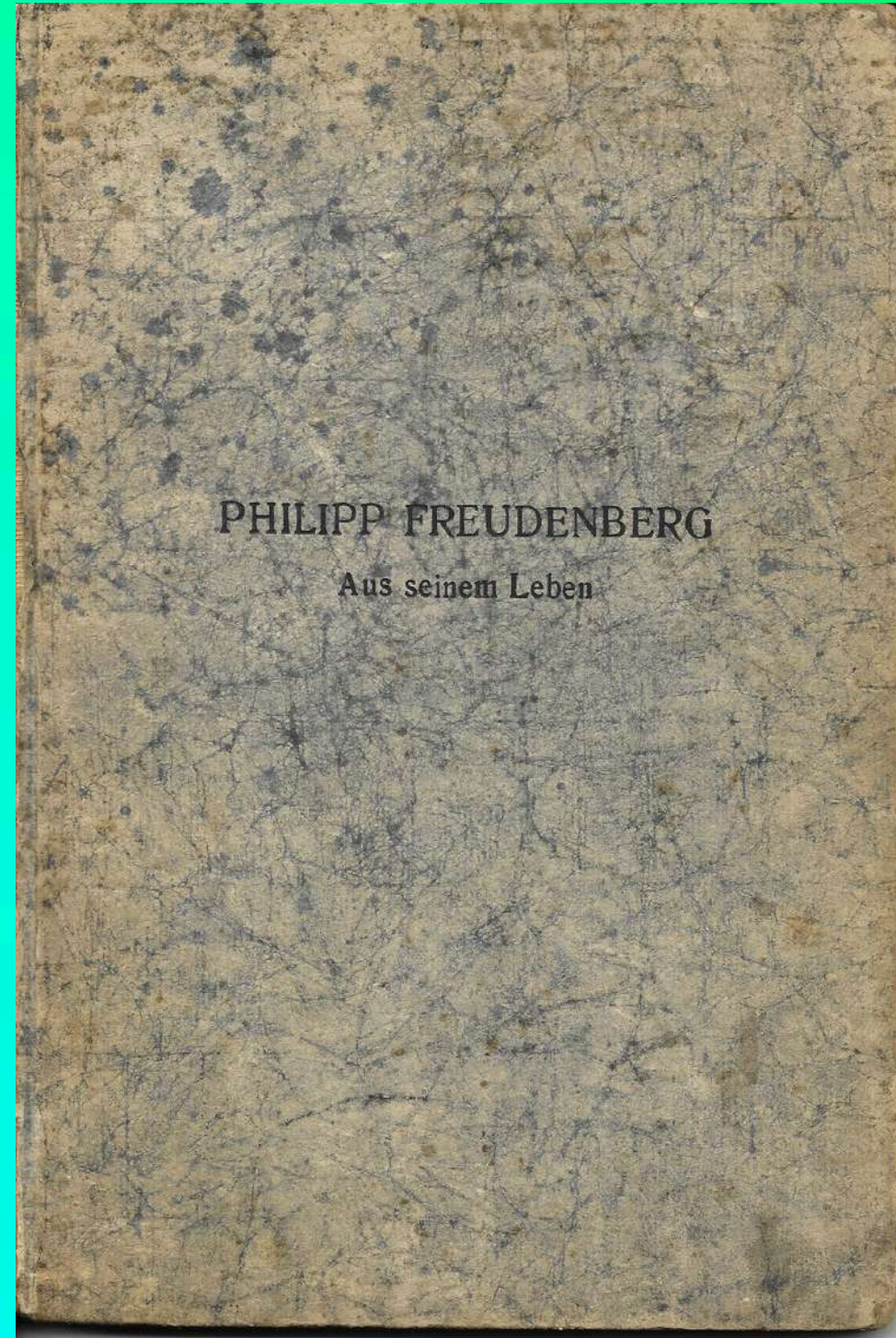
Philipp Freudenberg 1860.

**In 1889 Philipp bought Gerson's in Berlin
Rebuilt it as you can see
He had over 1200 employees
A separate Furniture store nearby**

**His son Heman built a 32 room home
(Sill exists today) which held the largest
Van Gogh collection at the time**

**Store was confiscated by Hitler
Destroyed in War**



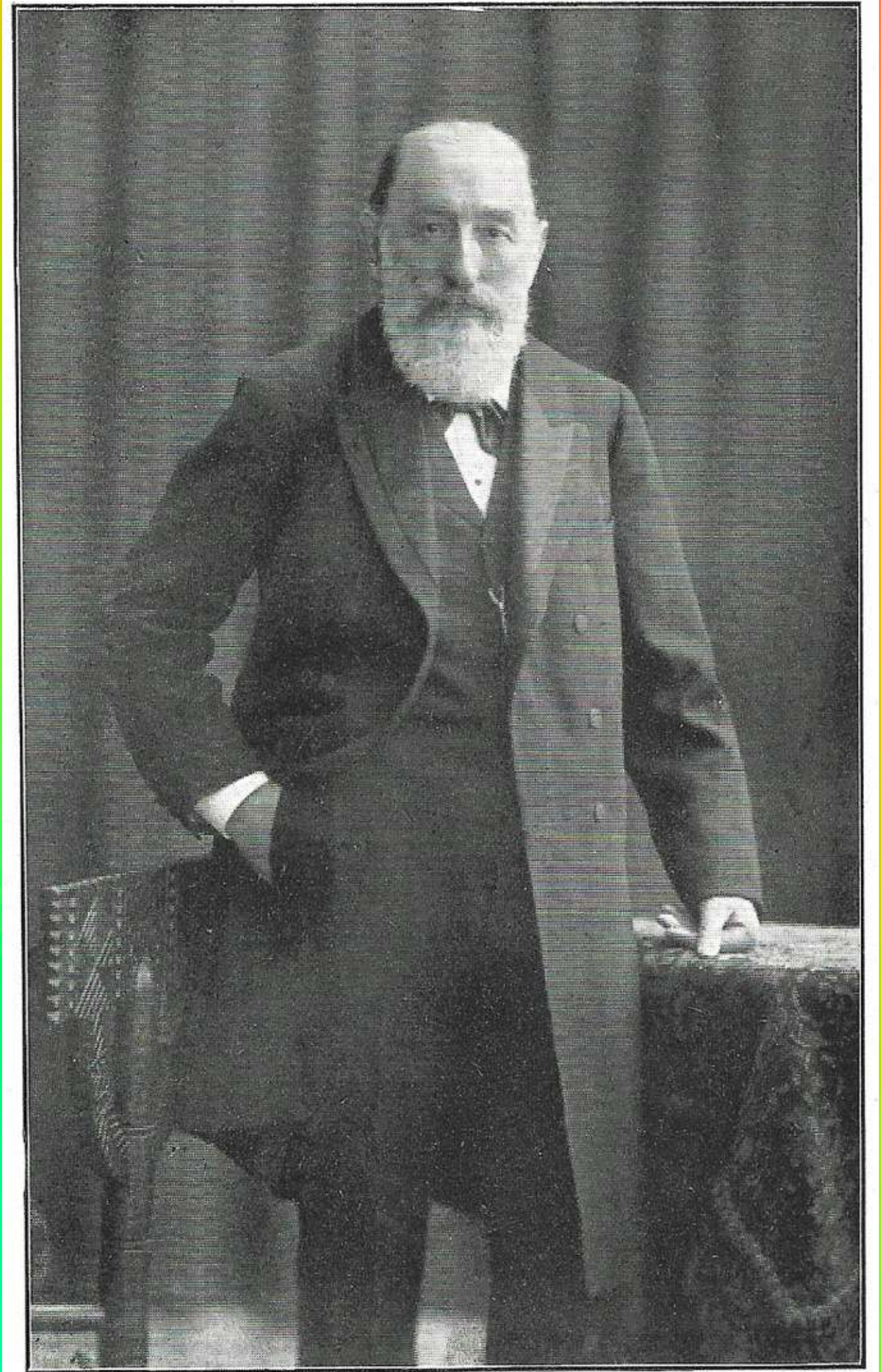


**The book about
Phillipp Freudenberg
Written by his granddaughter
Helene in 1918**



**Pillipp and Jonna Lowenstein wedding pictures
1863**

**Philipp in 1908
A leader in Berlin**



Philipp Freudenberg 1908.

**My great grandparents:
Sophia and Emanuel Loewe
Sophia 12-18-1845 to 4-16-1934
Emanuel 6-24-1839 to 7-10-1913**

**Phillipp helped them own
E Loewe Department Store
(Formerly Phillipp Freudenberg)
In Duisberg, Germany**



**E Loewe Department store
(Formerly Phillipp Freudenberg)
In Duisberg, Germany
(On left in picture 1910)**

**My grandmother Thekla said:
“The dinning table held up to 40 employees”**

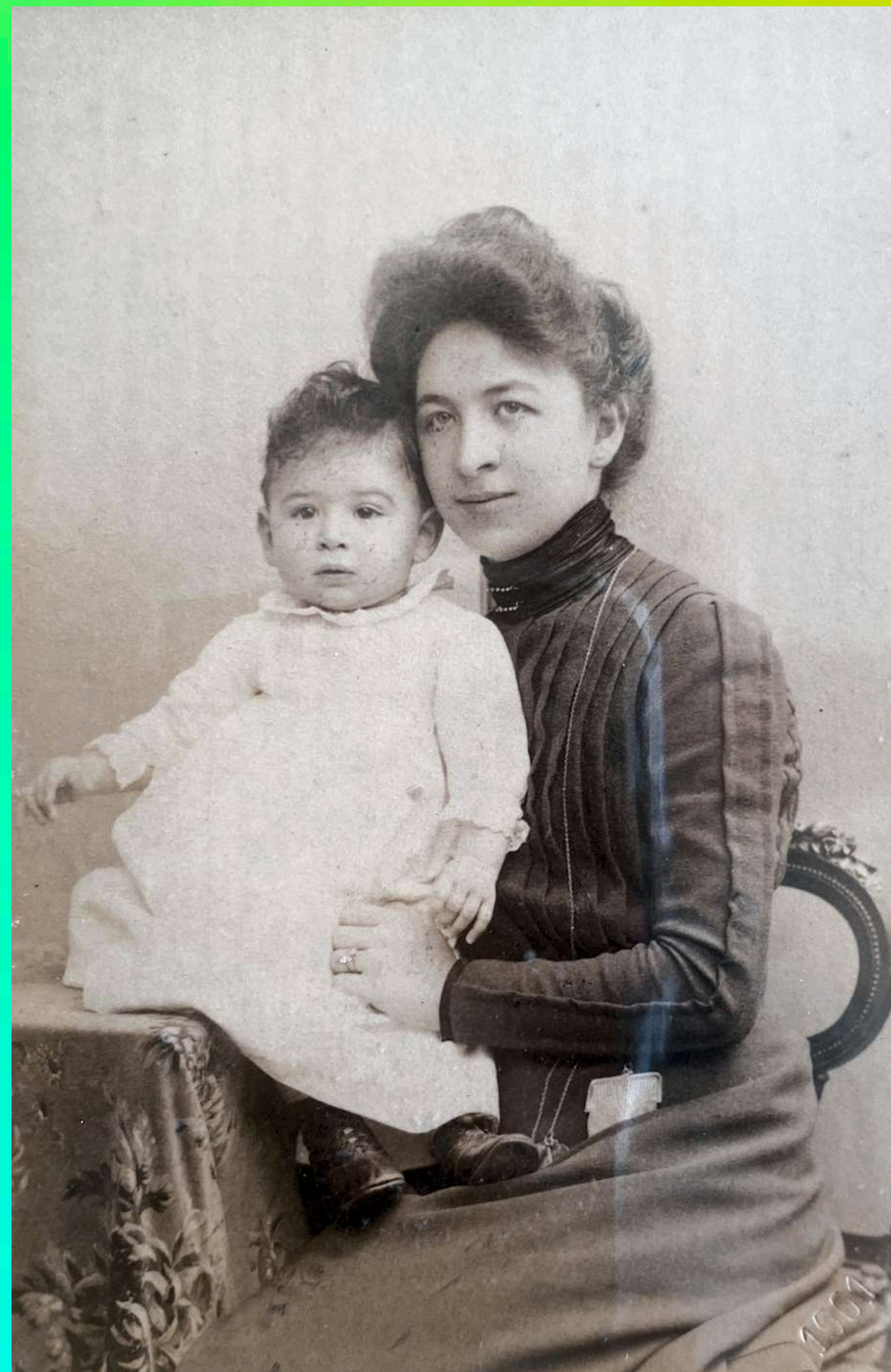
**They had 5 children:
Max, Siegfried, Thekla, Berta, Paul**

**Max and Paul died before the war
Thekla and Berta had moved away
Siegfried took over the store
And with wife Hedwig and son Eric
Were deported and murderd at
Theresienstad**



Thekla and Gustav Ising
Probably met at E Loewe
Married in 1898
Ernst born May 10, 1900
Koln (Cologne) Germany

Thekla Nov 17, 1875 to 1967
Gustav 1864 to 1954



Ernst and mother Thekla



Gustav Ising

**By the time Ernst's sister Lotte was born in 1904
They had moved to 18 Goethe Strasse, Bochum**

Gustav ran a very fashionable ladies clothing store

The Isings hosted many traveling artists

The guest book shows:

Curt Lahs

Milly Steger

Christian Rolhs

Johan Thorn Prikker

Therese Pott

Willi Busch

Oscar Bie

Adolph Busch

Rudolph Serkin

Hermann Busch

Max Reger

Karl Doctor

Gosta Andreason

Paul Hindamith

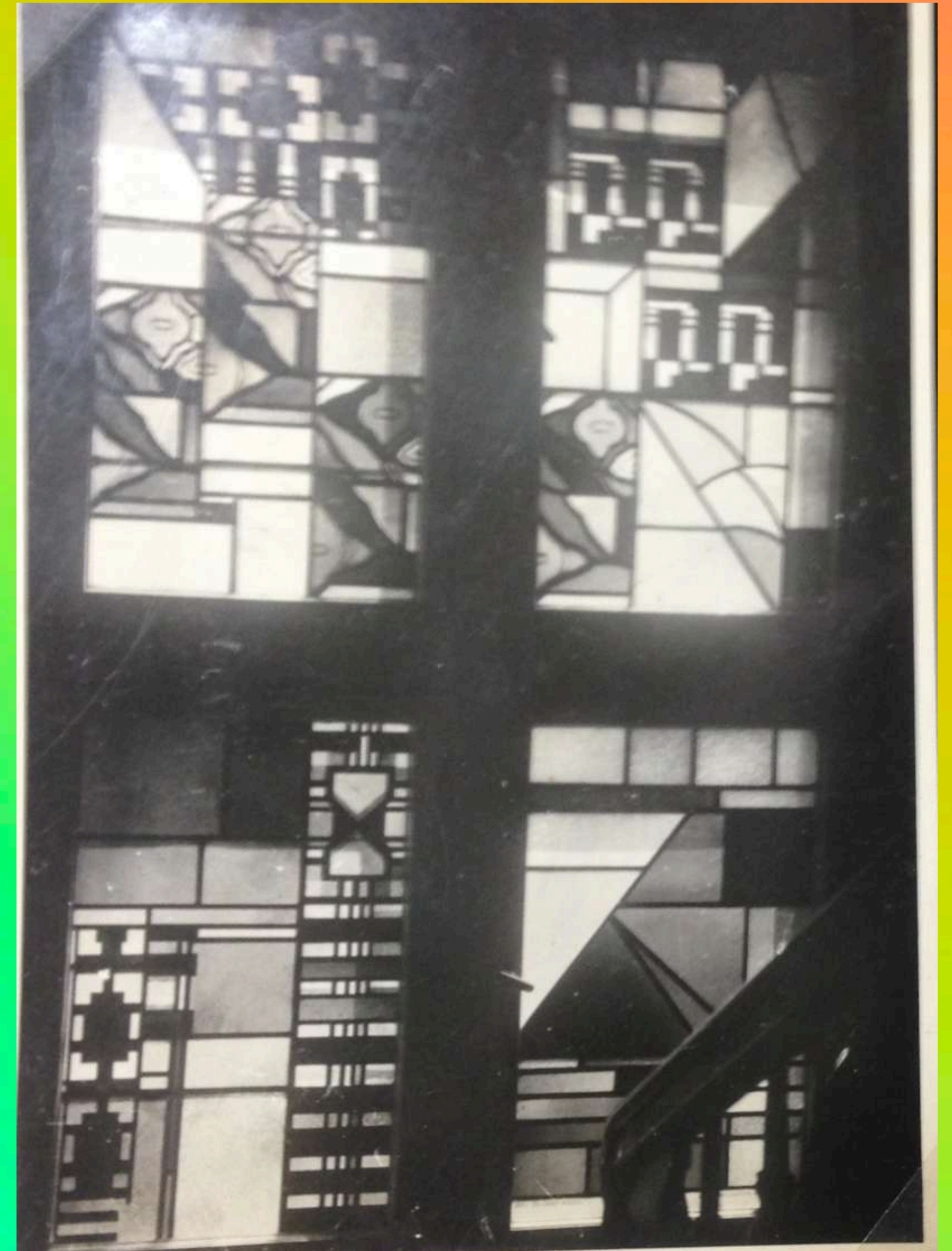
And many more



**18 Goethe Strasse, Bochum 1910
Ernst , Lotte, Thekla**



**18 Goethe Strasse, Bochum
(Destroyed in the war)**



**Johan Thorn-Prikker
Two story stained glass stairwell**



Lotte and Ernst around 1906

**Hienz Wildhagen was my fathers best friend growing up.
They had a stage in the basement where they put on plays**

Willi Busch the actor gave them elocution lessons.

Heinz spent his life as an actor and theater owner.



Young Ernst



Willi Busch

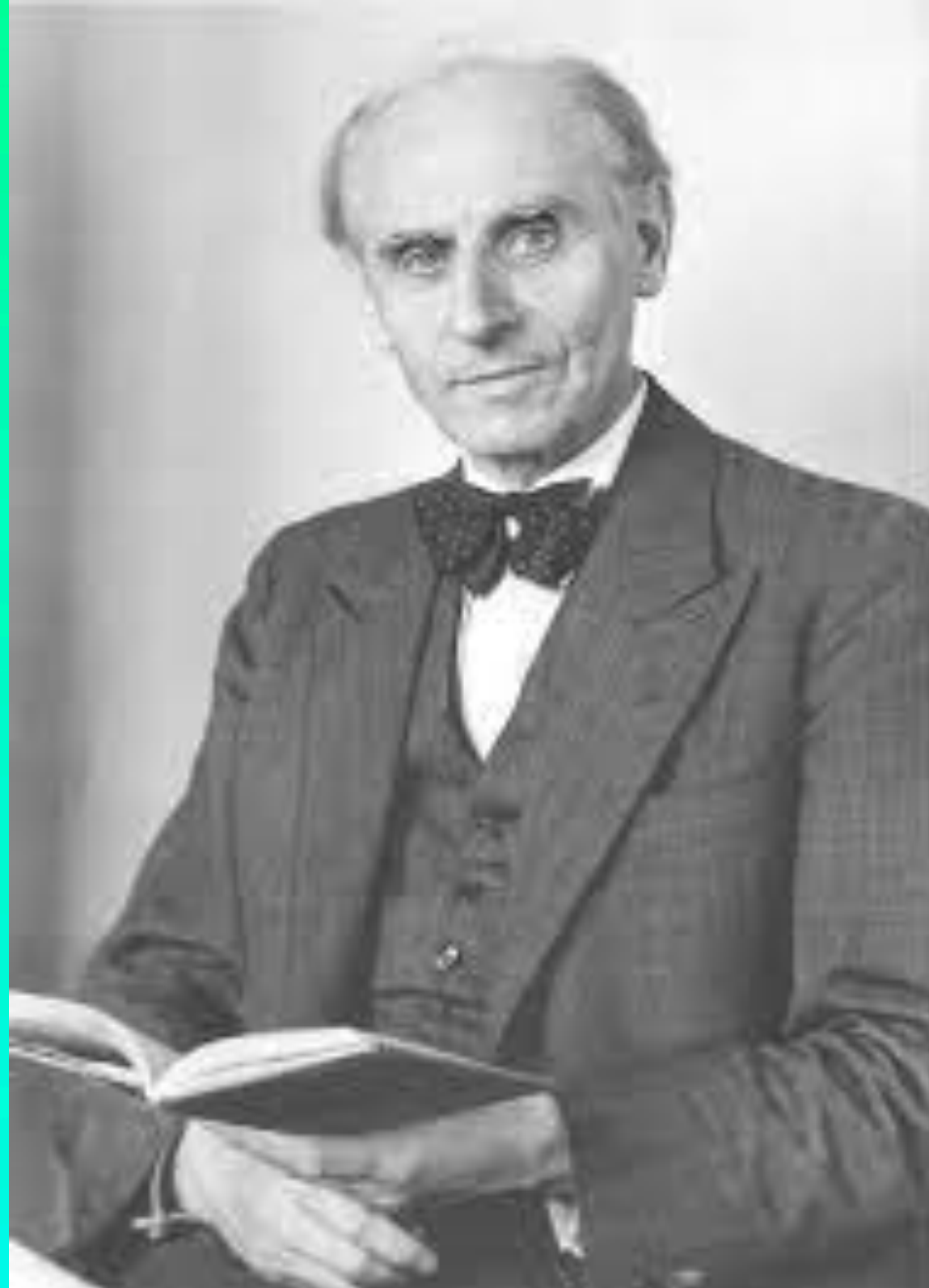


**Visiting Heinz in 1973 in Wuppertal
Beth Bosko, Carol, Heinz and our son Chuck**



**Ernst Ising
as a Young Man**





Advisor Wilhelm Lenz

**Thesis
1924**



Fellow student Wolfgang Pauli

“Beitrag zur Theorie des Ferro- und Paramagnetismus”

University of Hamburg, Germany

Ernst Ising 1924



Lotte's wedding to Hermann Busch. May 17, 1924
Front: Hermann Busch, Lotte, Frieda and Adolf Busch
Back: Gustav, Ernst, Thekla Ising, Wilhelm, Catherina, Willi , Heinrich Busch



Adolf Busch, Goasta Ackerman, Hermann Busch, Karl Doctor

The Busch Quaret quickly became known as the best quartet in Europe



**The Busch brothers
Hermann, Willi, Fritz, Adolf**

**Fritz directed the Dresden Opera and Symphony
From 1922 to 1933 when he has ousted by the Nazi
Then raised the Gyndebourne Opera in England
to its glory starting in 1934**

Marlboro Music School

**founded at Marlboro College in 1951,
Marlboro, Vermont**

**Marcel Moyse, Louis Moyse,
Nathan Chaikin, Rudolph Serin,
Blanche Moyse, Adolph Busch,
Hermann Busch
(Rudolph is Adolph's son in law)**



After finishing his thesis my father worked for GE in Berlin. There hiking with the Pacifist Student Organization on June 6, 1926 he met my mother. Hanna Ehmer had completed her PhD in Economics and was working for her professor. They married on Dec 23, 1930





Clara, Hans and Hanna Ehmer

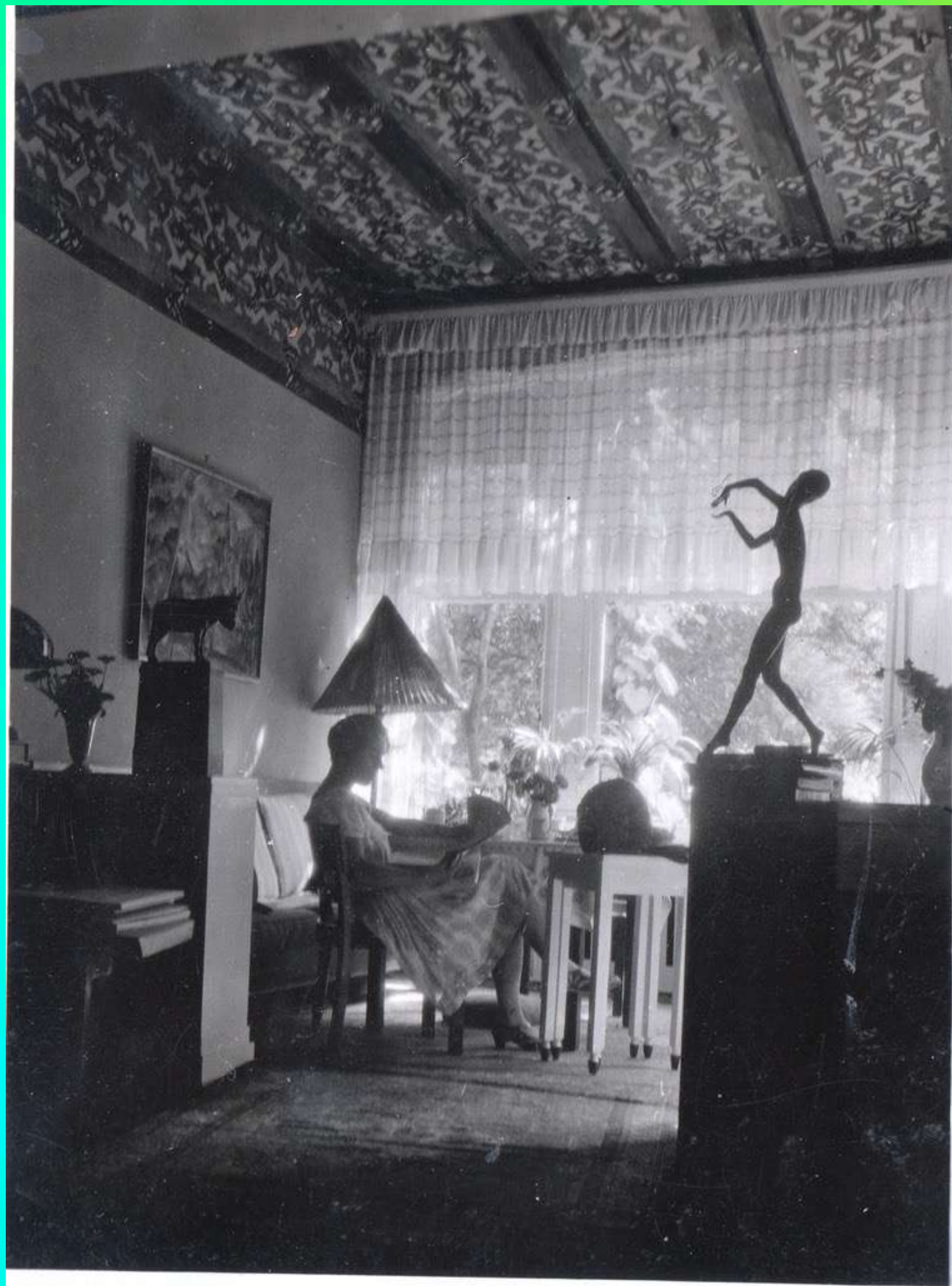
**Hans Jun 24, 1846 to Dec 26, 1916
Clara 1869 to 1953**



Clara center with her four sisters Anna, Emma, Louise and Mali, Hanna. 1910

Johanna Ehmer Feb 2, 1902 to Feb 2, 2012

**Her 4 aunts were childless so she was THE center of attention
When she married Ernst only one, Mali, came reluctantly**

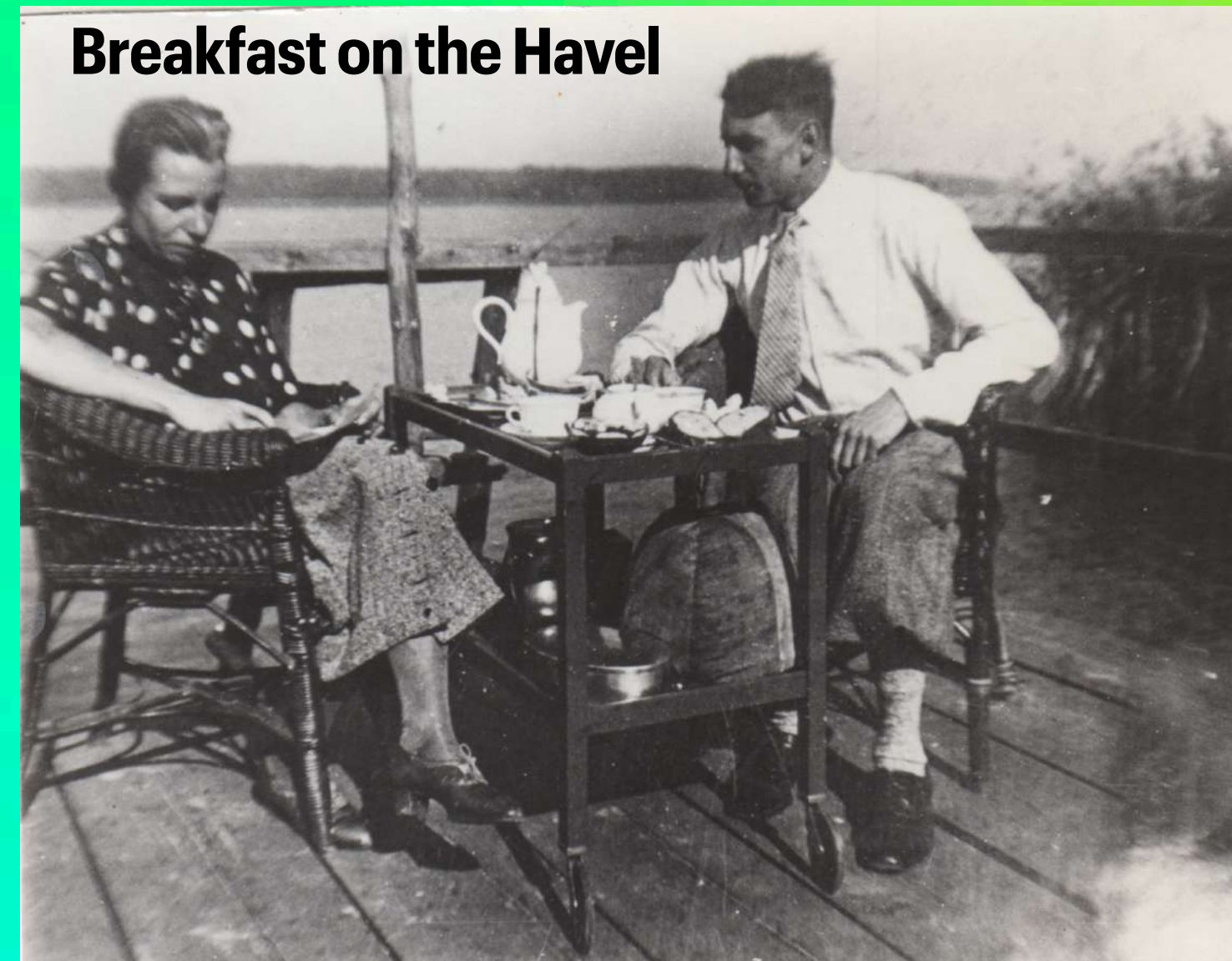


My mother's first visit to his parent home 1926



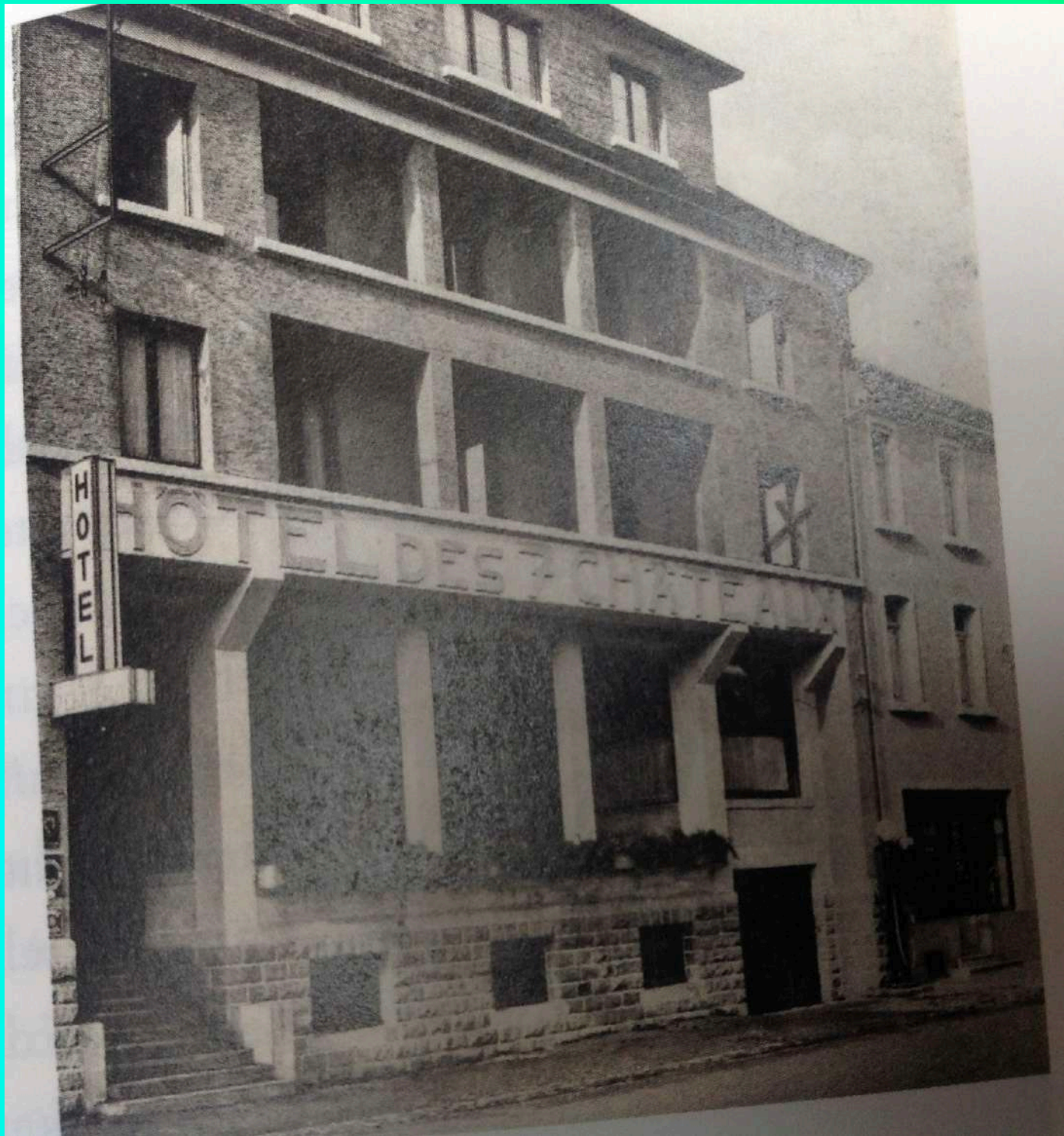
Ernst, Thekla, Hanna, and Clara

**Peace and serenity in Strasbourg, teaching before
my father was fired by the Nazi at the end of March 1933**



**After being dismissed by Hitler and a year of searching Ernst landed at the Judishes Landschulheim in Caputh in 1934
By the time it was destroyed on Kistalnacht on November 10, 1938 he was the headmaster
“He lead us out through the woods just like ‘Sound of Music’”**

**After hiding in Berlin, Ernst was Interrogated for 4 hours on January 27, 1939. He was released on the promise to go to the USA
In April they arrived at Hotel des 7 Chateau in Mersch, Luxembourg via Dannie Hineman and the Busch Quartet.
Dannie, who ran GE in Belgium, brought 100 German jewish families though the closed border to fill empty hotels.
The Busch Quartet playing a private concert for him in Brussels asked for his help for us.
My mother and father enjoyed the summer and I was born on Sept 9, 1939 (the second Ising Model?)**



then

Hotel des 7 Chateau in Mersch, Luxembourg



now



**Dannie Hineman of the
Dannie Heinemann
Prize in Astrophysics**



**Life in
Mersch
1939-1947**





Cinquefontain (Funfbrunnen) in northern Luxembourg



Jewish memorial at Cinquefontain

The Nazi's arrived on May 10, 1940, my father's 40th birthday. Soon we had to leave our hotel.

My father mainly found manual work on farms.

In the fall for about 10 months he ran a school in some apartments for jewish kids kicked out of schools in Luxembourg City.

Back to farming.

The Nazi's commandeered Cinquefontain (Funfbrunnen) as their deportation place for the Luxembourg Jews.

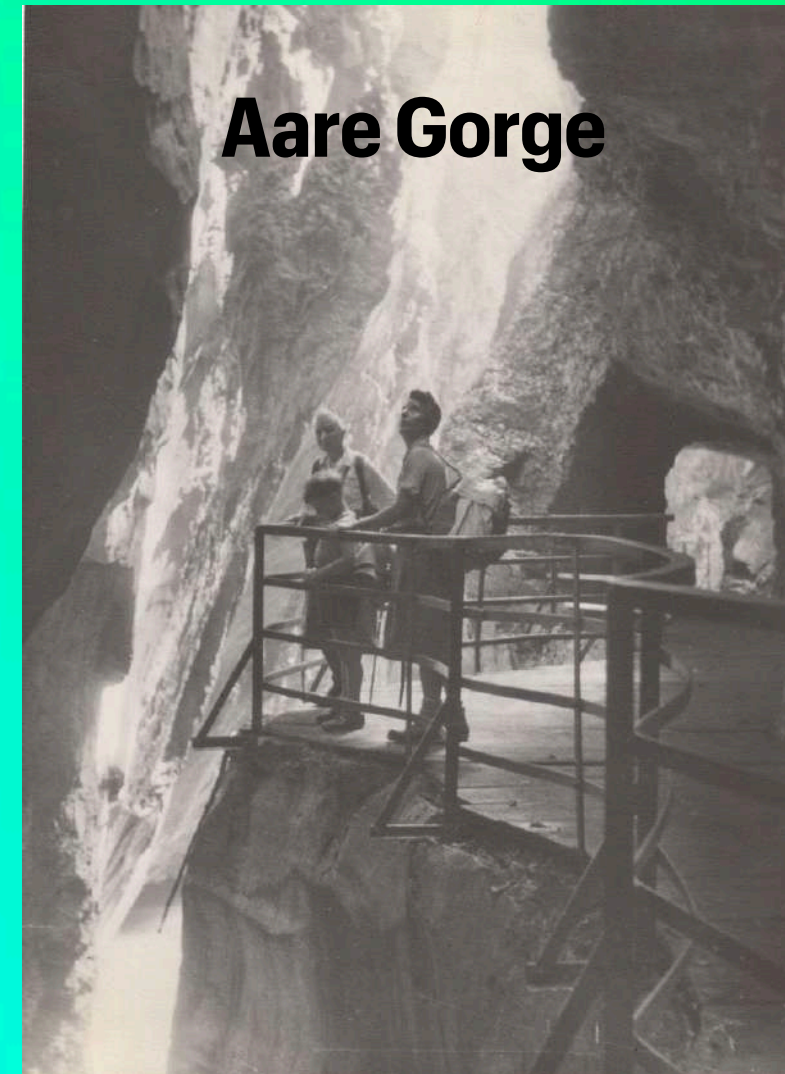
After leaving the sick and injured my father was hired as a caretaker for several months.

Back to farming.

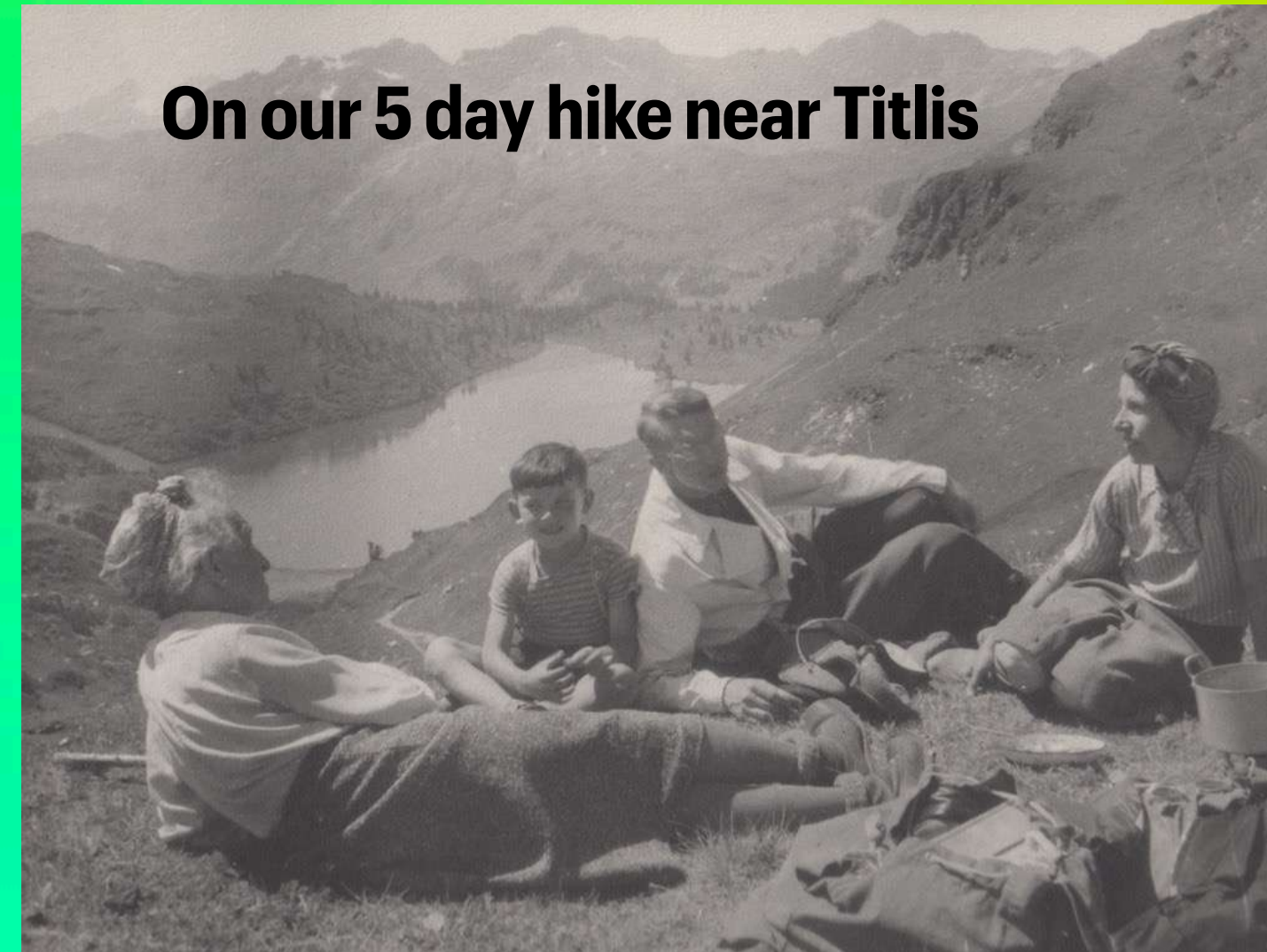
Soon he went daily with 35 other jewish men of mixed marriages to remove tracks from the Maginot line in France.

On September 10, 1944 the Americans arrived.

The 12 years of Hitler was over
The Americans needed a translator the girls needed to learn English
We missed the Battle of the Bulge by only 10 miles. The paperwork to America had to start again.
Thekla and Gustav had made it to Switzerland before the war. Lotte and Hermann were in New York
In April 1946 for our first vacation we spent a month in Basel and Switzerland.



Aare Gorge



On our 5 day hike near Titlis



Lunch



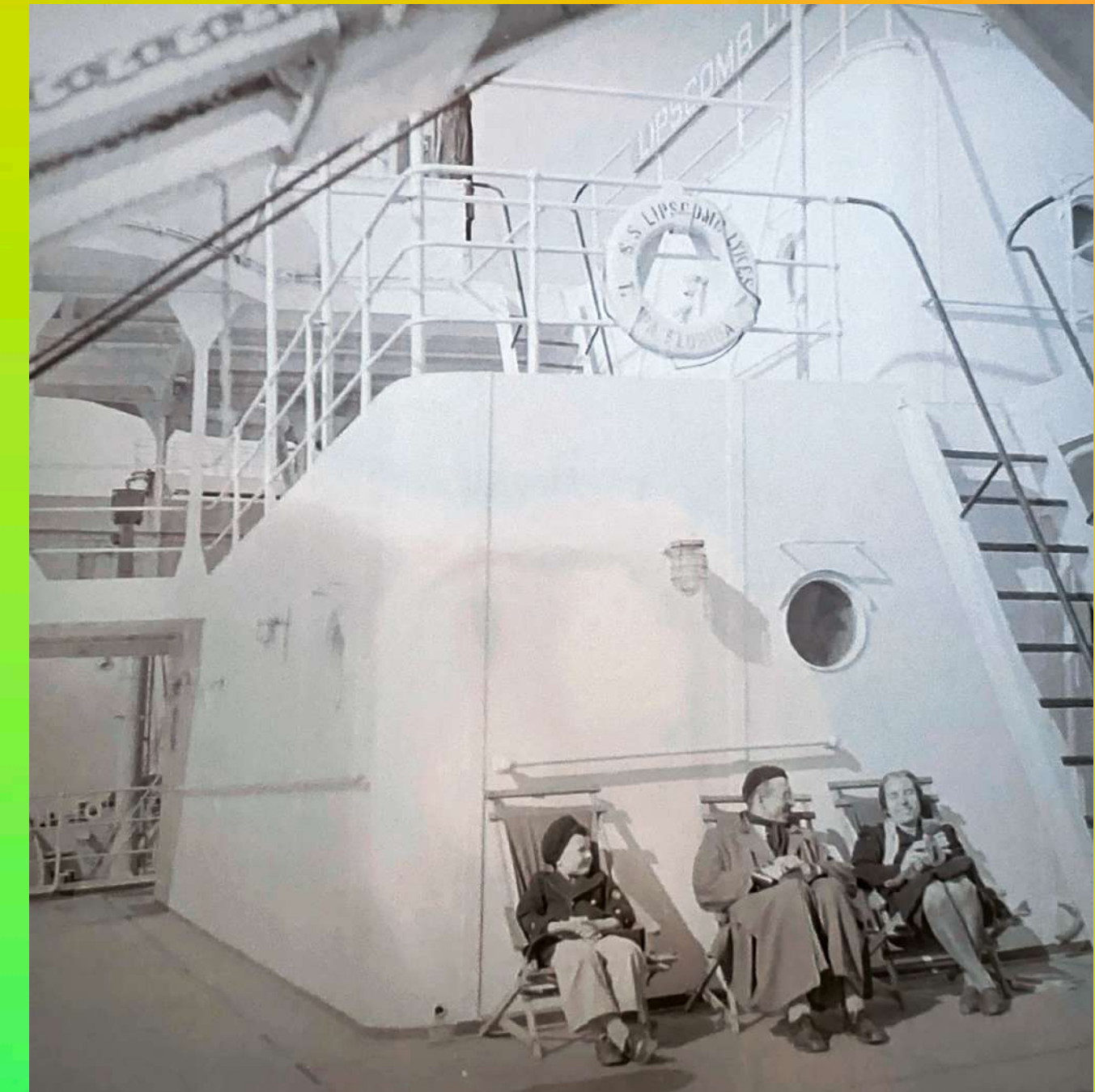
Ernst, Thekla, Tom, Hanna, Gustav, Lotte



Three generations



**Thekla
In Greece
1961**



**Finally in April 1947 we boarded the freighter
Libscomb Likes in Rotterdam for Hoboken, NJ
arriving on April 12
Lotte met us and took us to their apartmen in NYC.**

My father soon went to the physics convention to get his first teaching job in 9 years.

“Are you the Ising of the Ising Model”

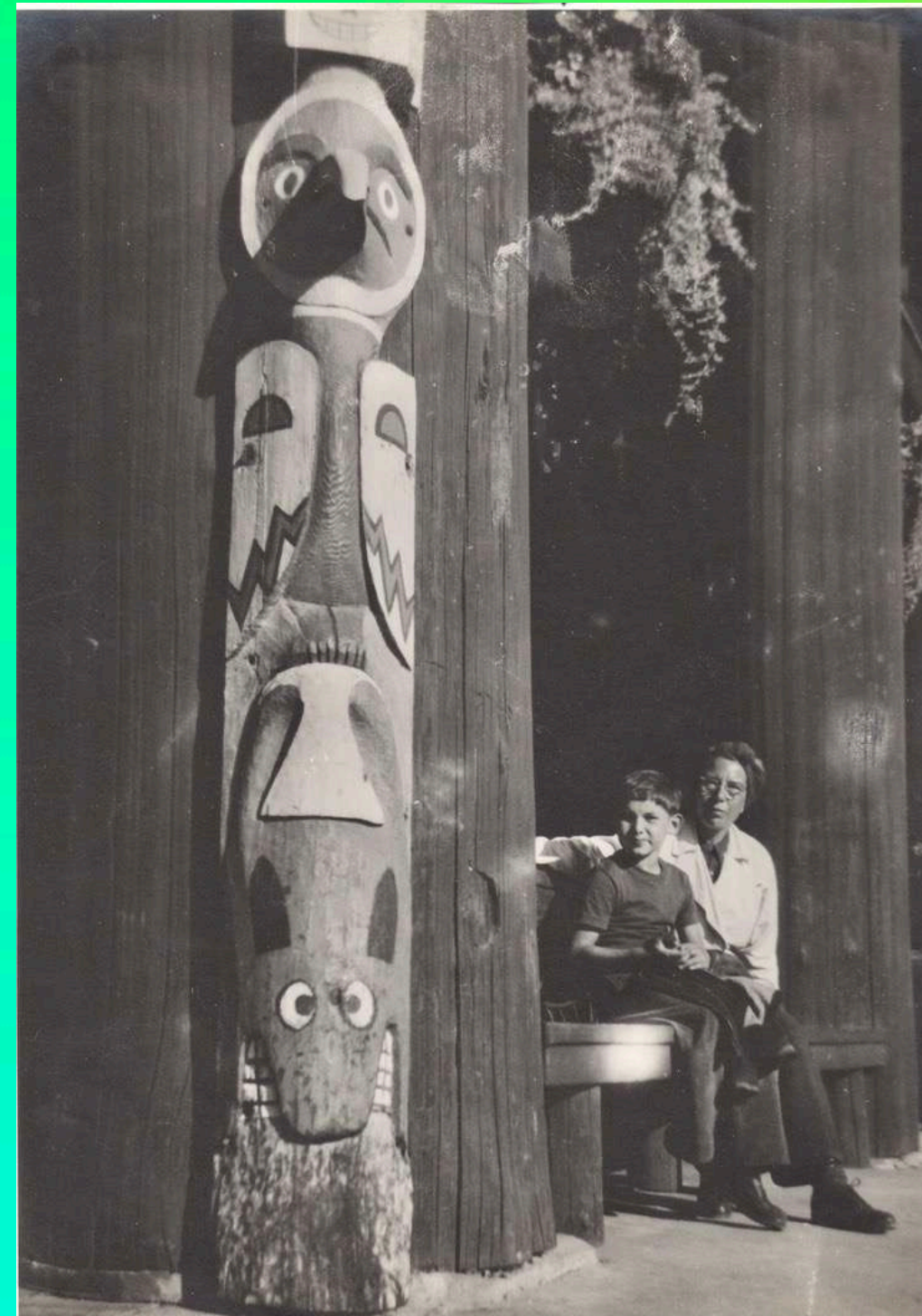
Minot State Teachers College in North Dakota offered employment.

**It was the first year at an American college teaching in English
Bradley University , Peoria, IL offered a permanent location in 1948.**

Normalcy, roots and a beautiful country and world to explore.



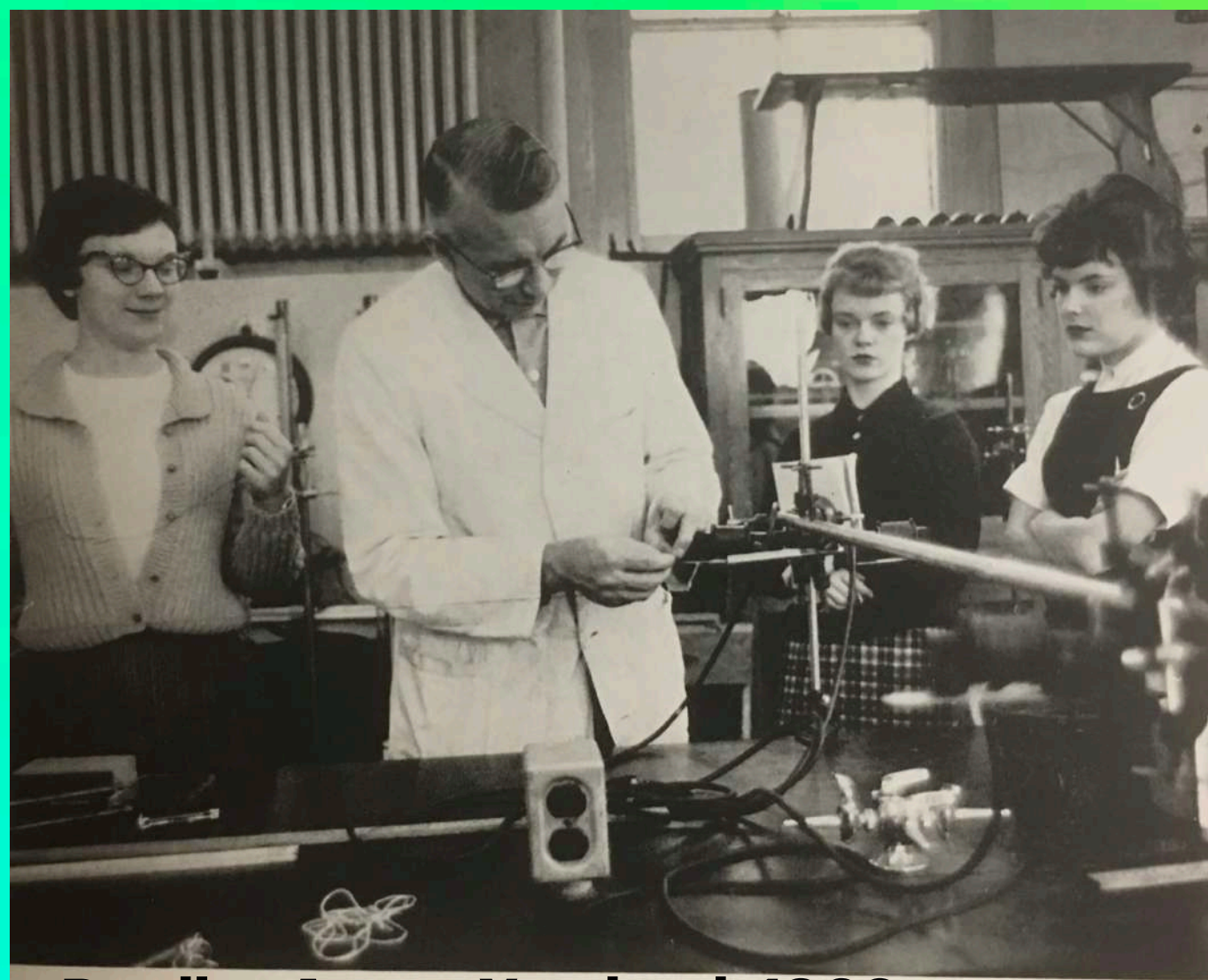
Hallet's Peak, Colorado 1949



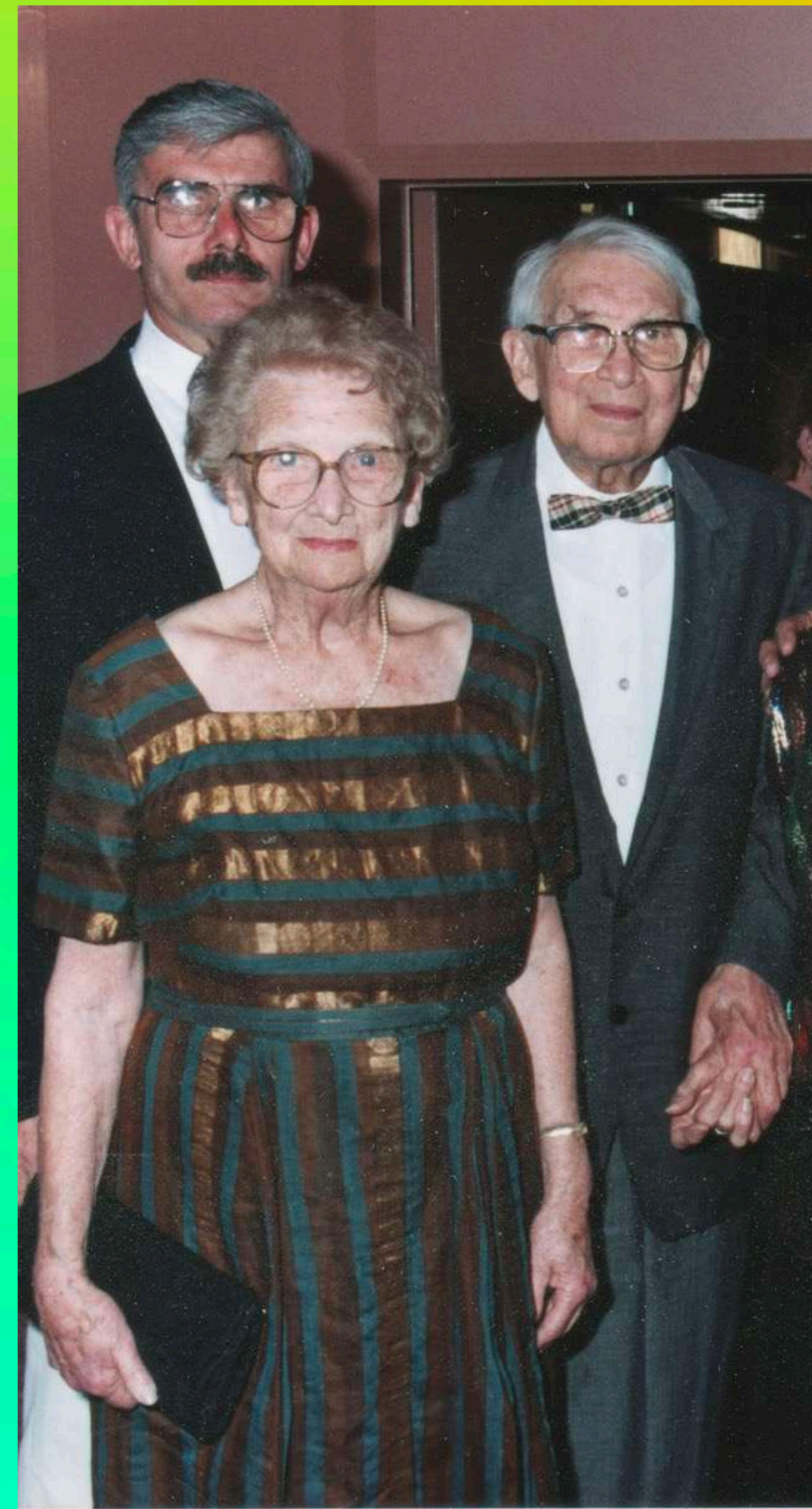
Glacier National Park 1948



Lake Geneva, Wisconsin



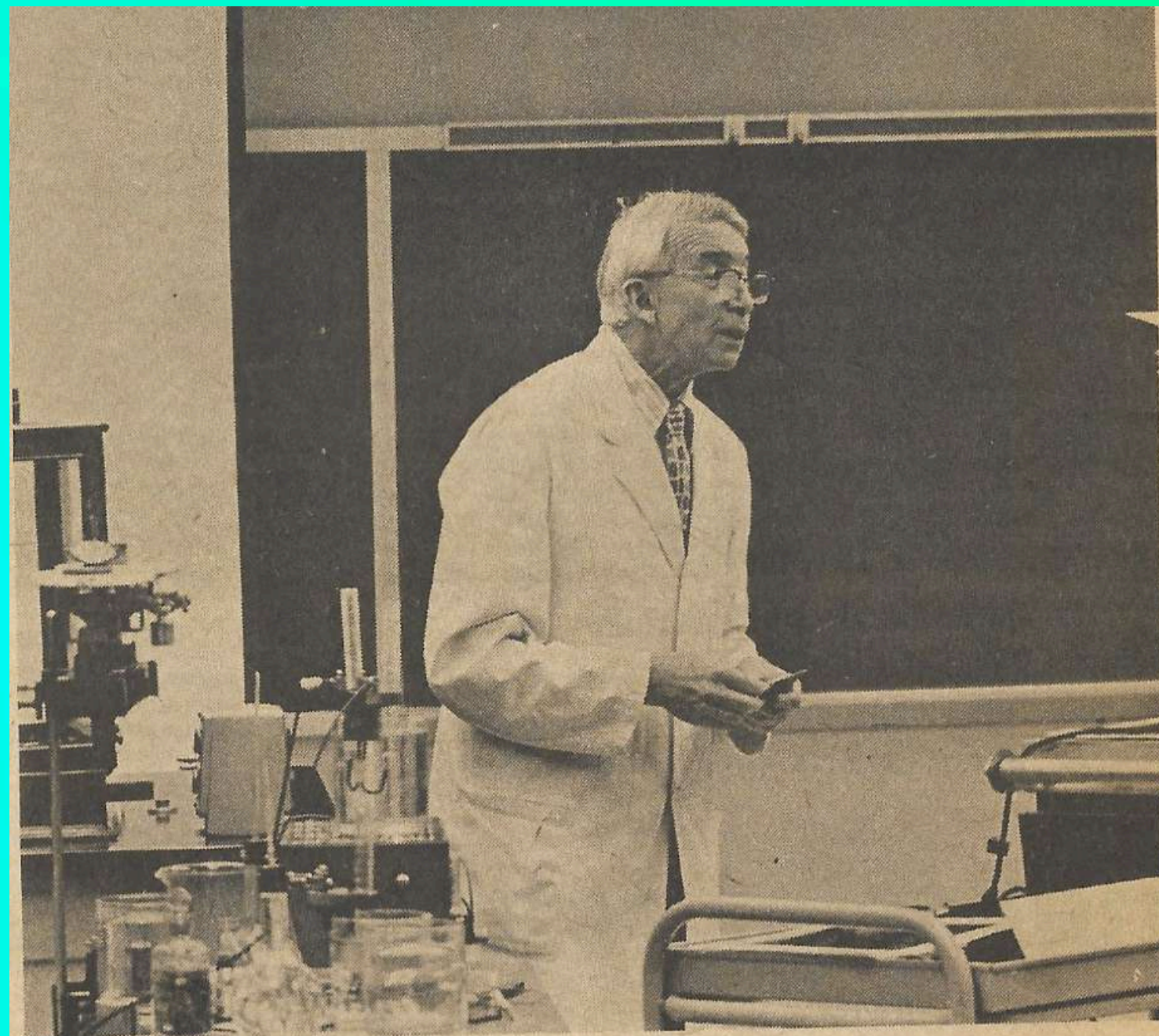
Bradley Anaga Yearbook 1960



**Tom, Lotte, Ernest
Panama Canal cruise 1994**



**Ernest and Jane with
Ising Scholar recipients**

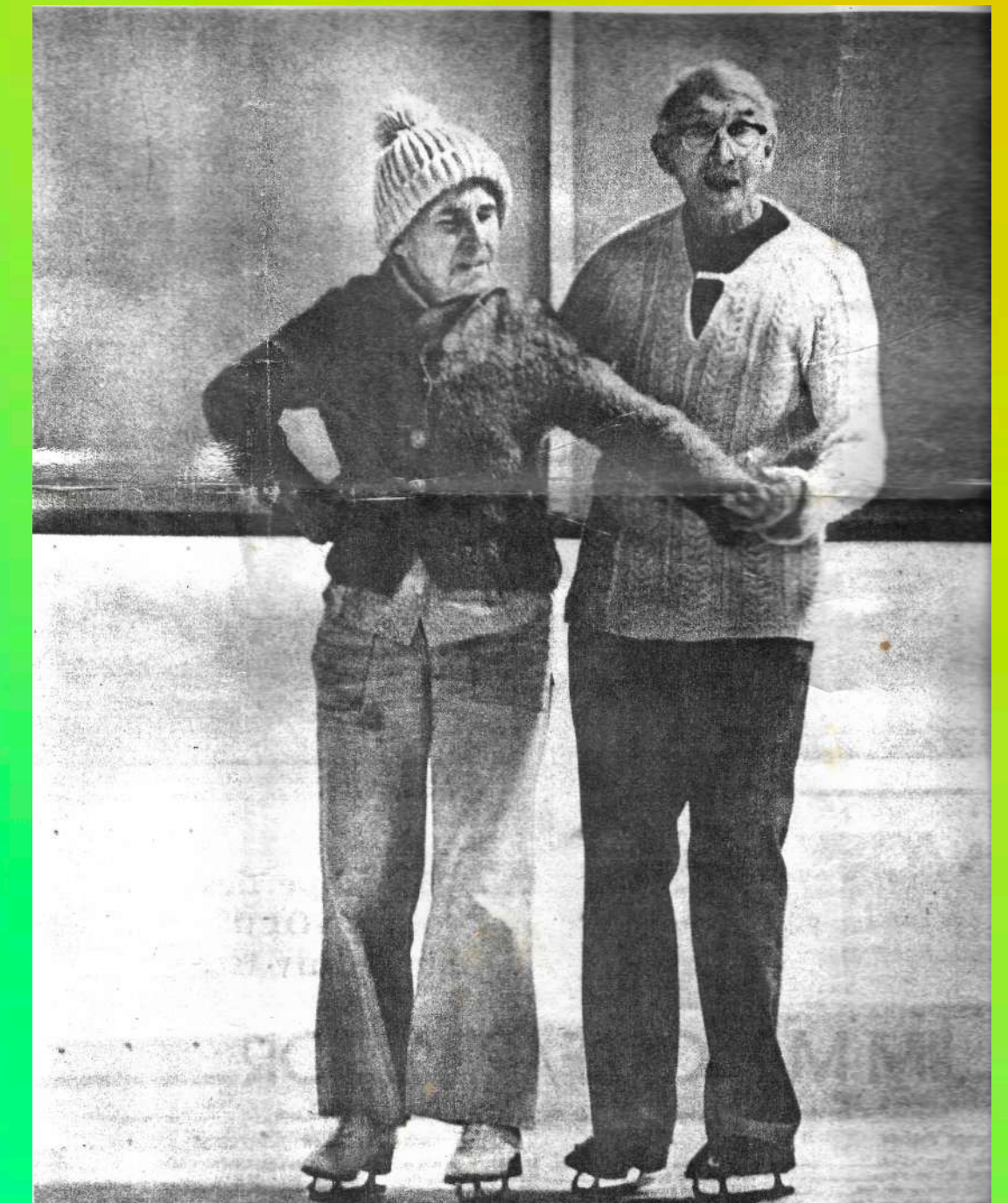


On 50th anniversary of his Ph.D 1974

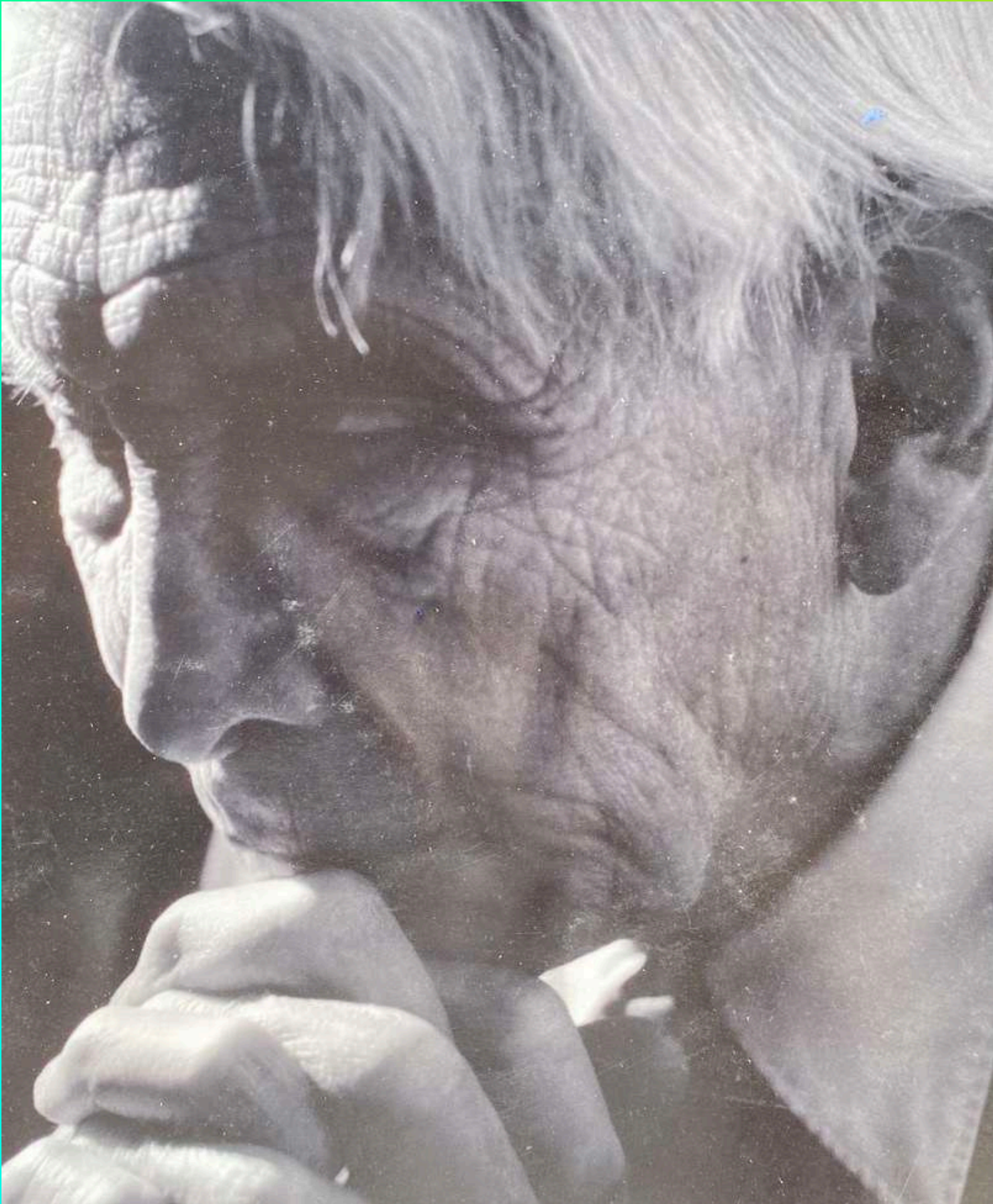
Dr. Ernest Ising, professor emeritus of physics, continues teaching after holding his doctoral degree for 50 years.

Ernest taught at Bradley for almost 30 year

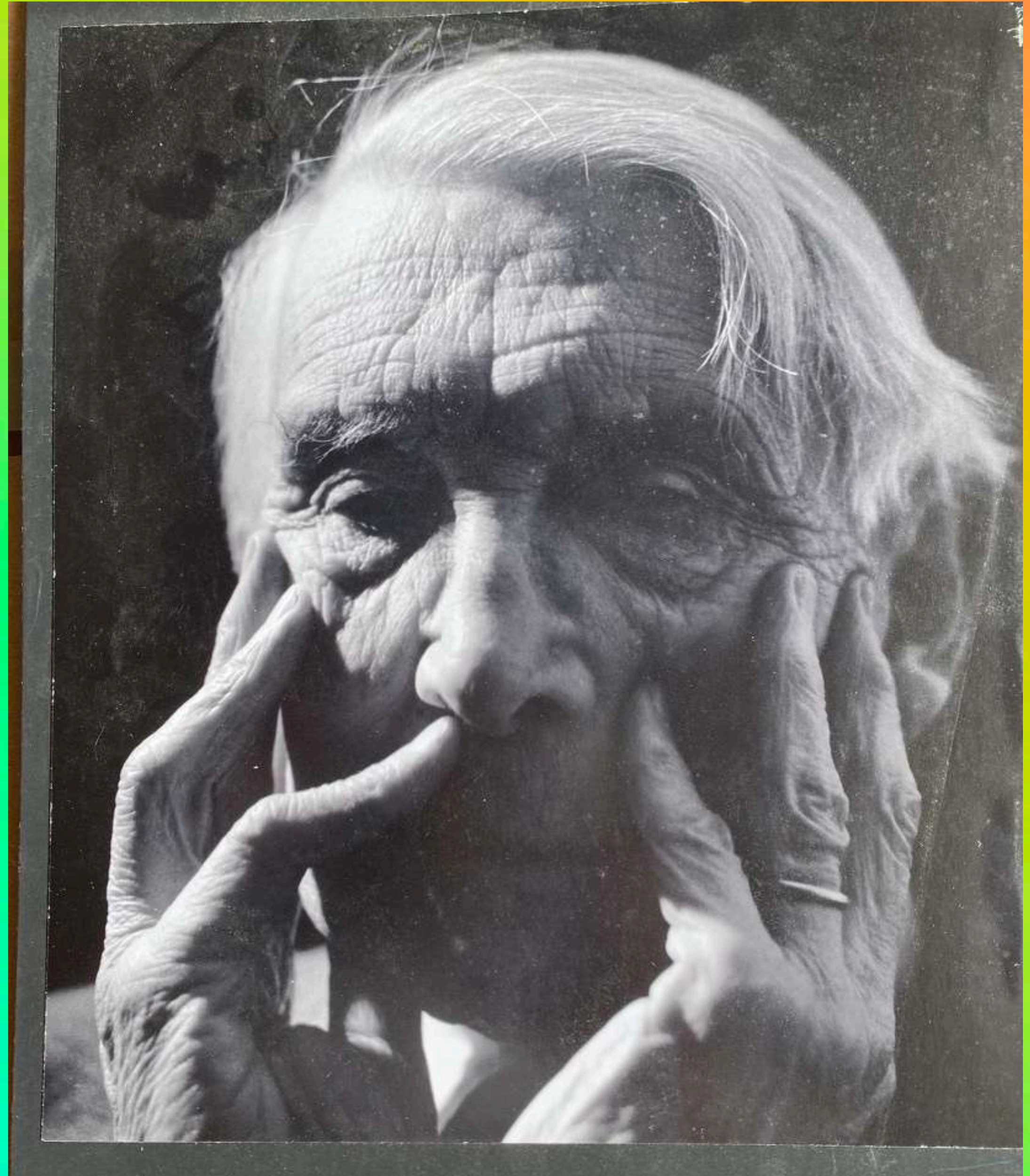
Observer October 17, 1980



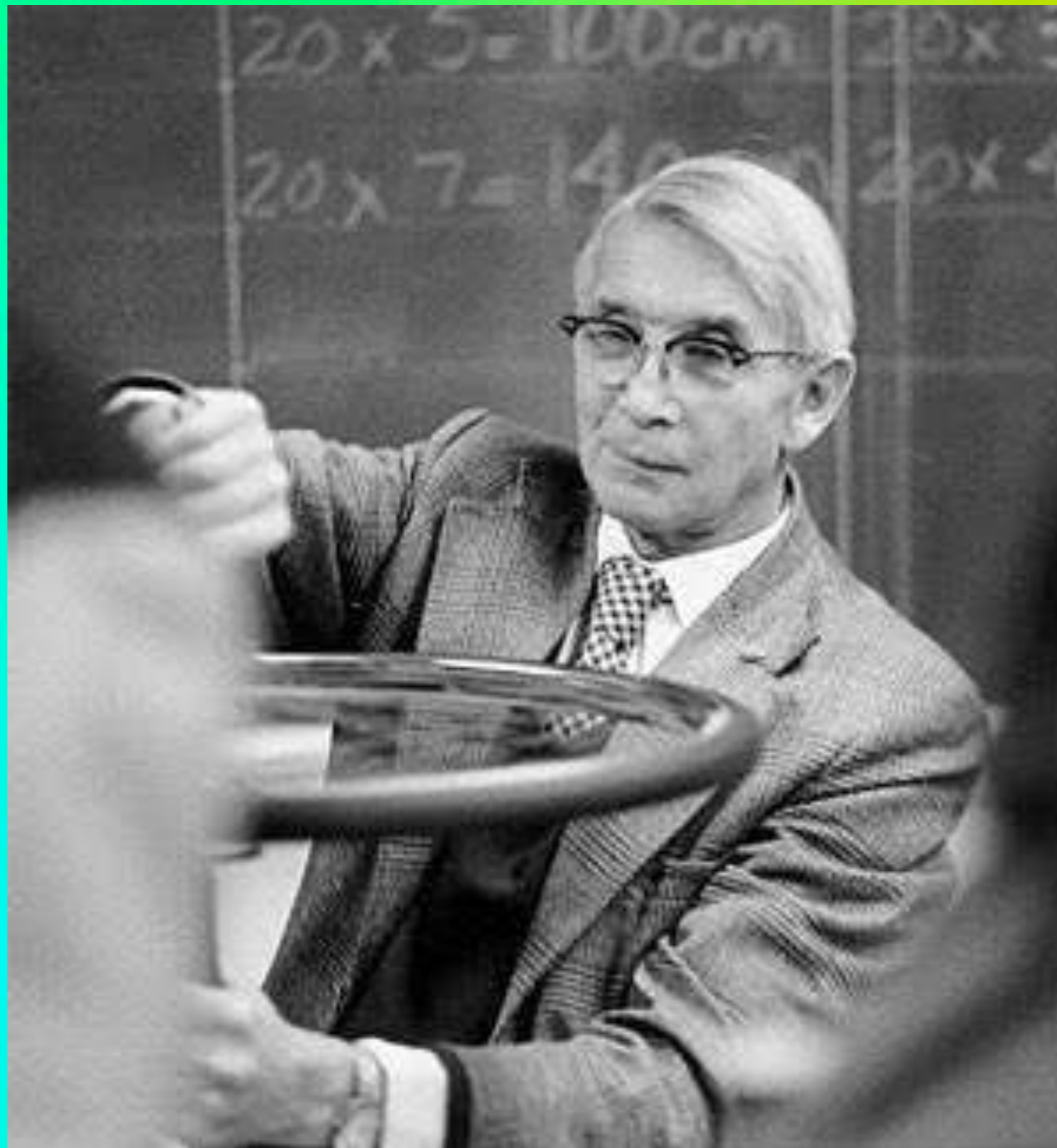
Old-Fashioned Fun



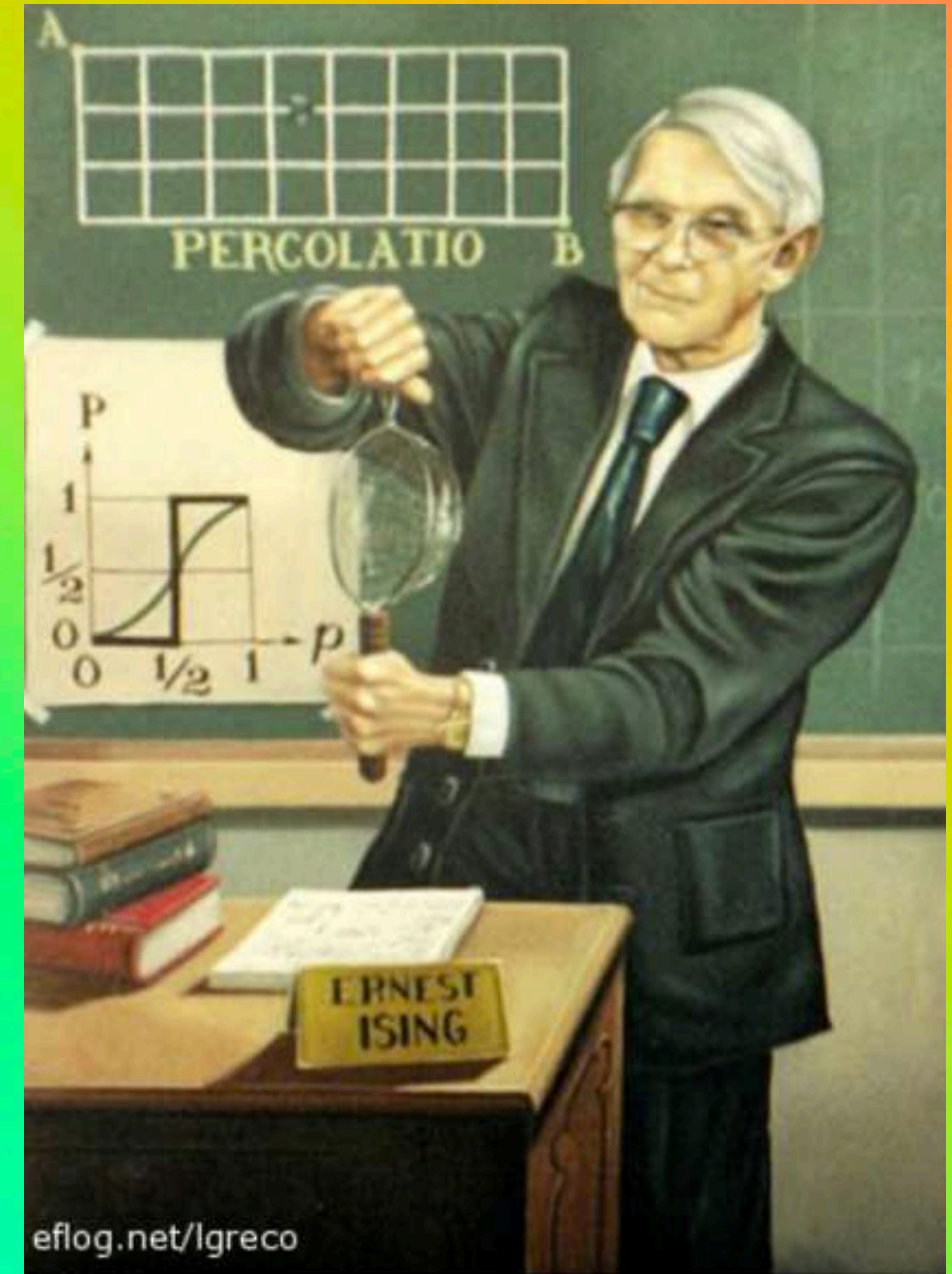
Interesting poses



Interesting poses



Bradley's tribute to my father



**A humorous response
By eflog.net/ lgreco, (not the El Greco)**

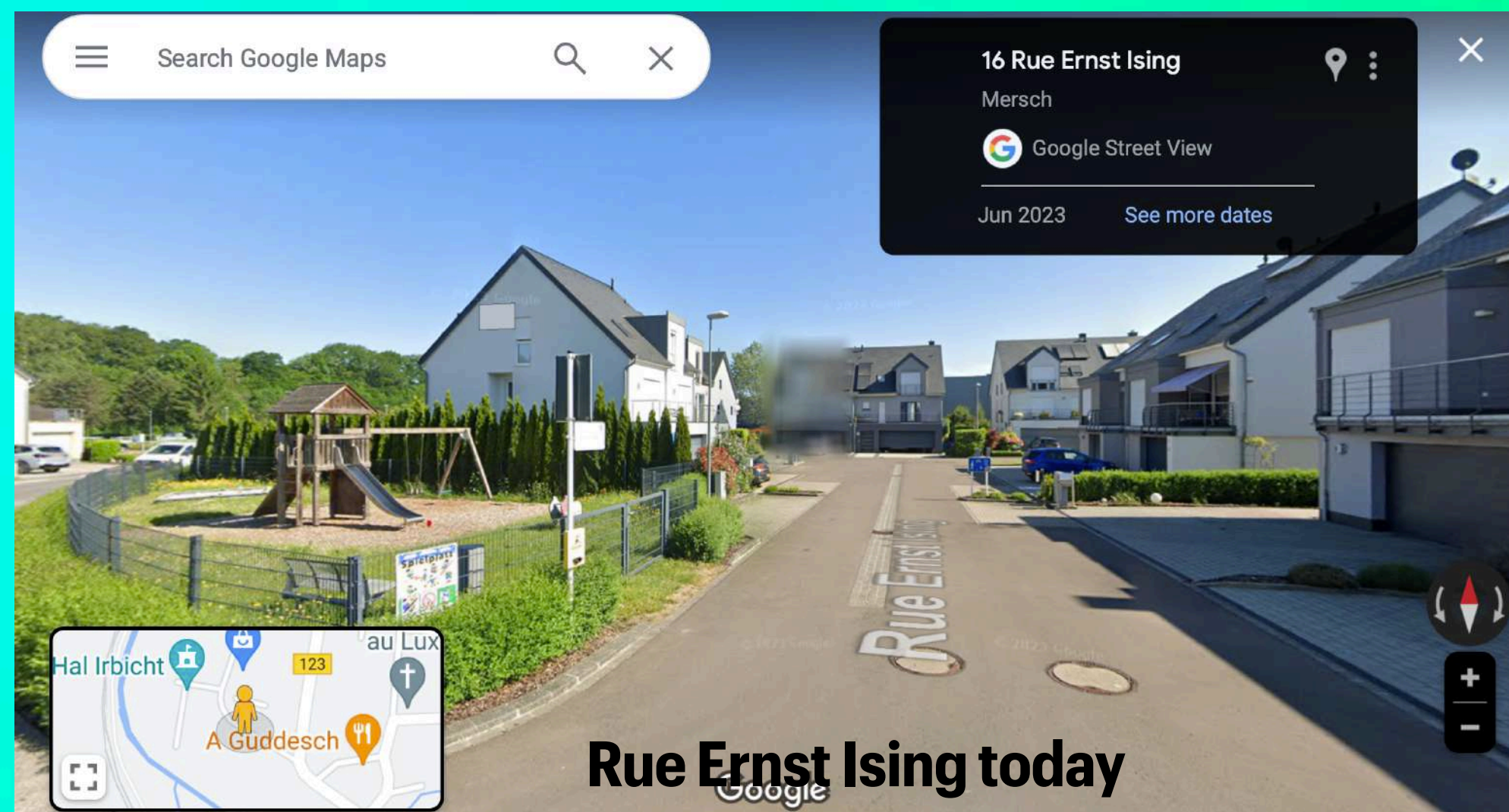


My mother enjoying a huge bouquet from Sorin Istrail in 2009



My mother at 107

Judge Albert Lenz, Charles and Germaine Goetzinger , Tom and Carol



Rue Ernst Ising today

Rue Ernst Ising
Mersch
Luxembourg

2009



The playground today

2010



Happy birthday

for the 108th time

4 | MONDAY, FEBRUARY 1, 2010 | SOUTHTOWNSTAR

What's the secret to 108-year-old's longevity?

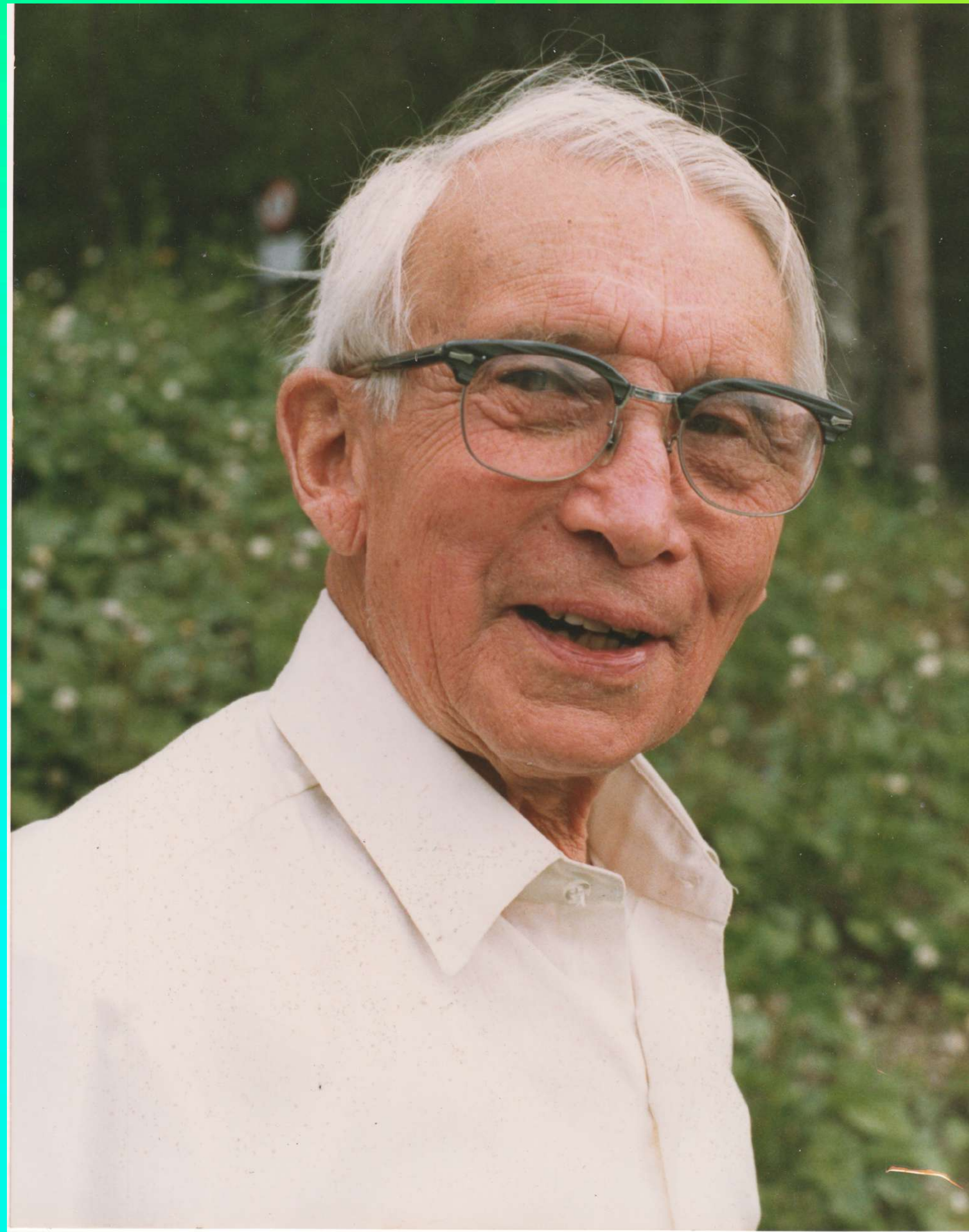
'NOT DYING'

Jane Ising's sense of humor, health still strong after a century — and then some

BY STEVE METSCH
(708) 633-5996
smetsch@southtownstar.com

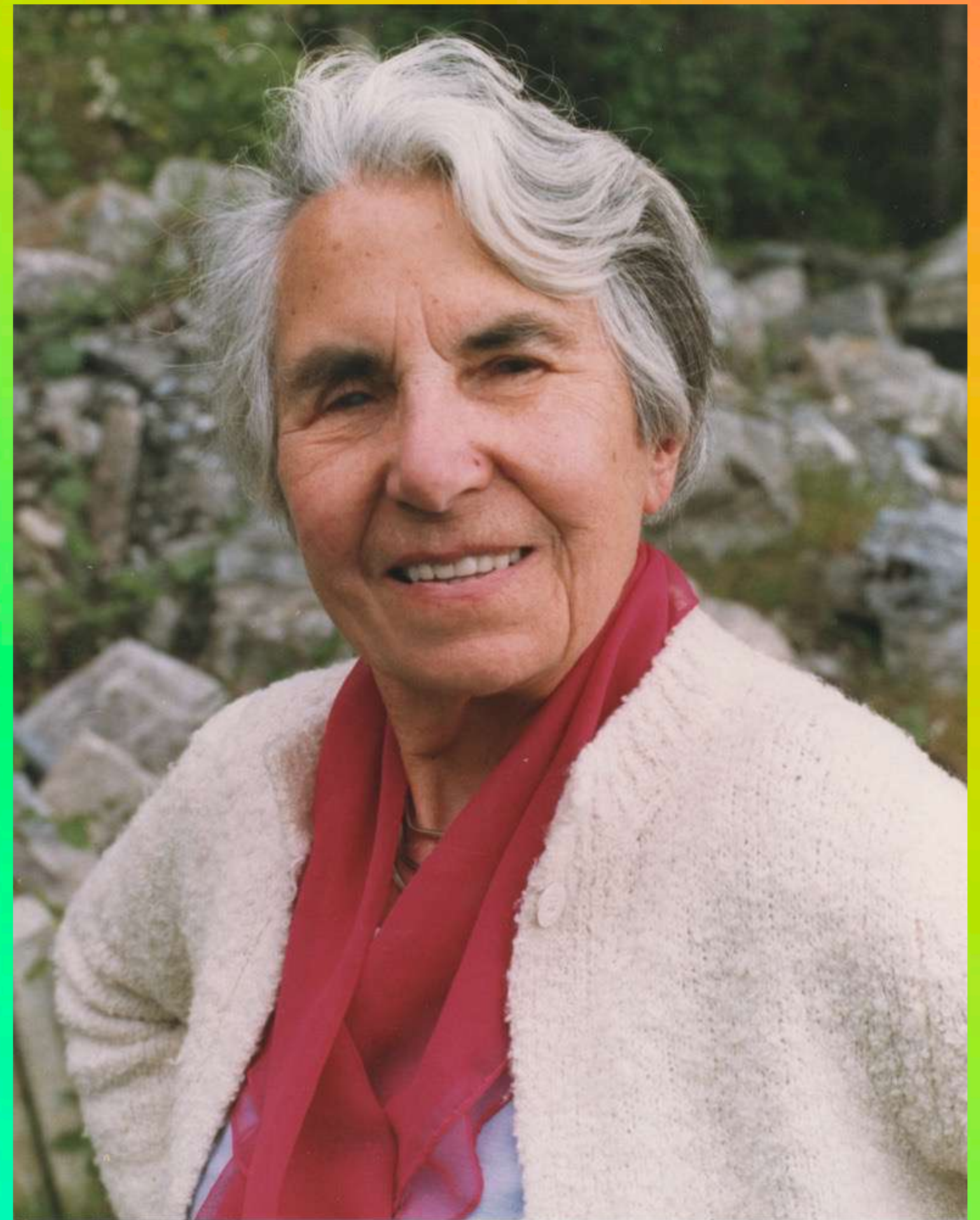
The handshake does not reflect the age. When a woman is on the brink of her 108th birthday, you don't expect such a firm grip. But Jane Ising has a handshake many politicians would envy. Ising, who was born Feb. 2, 1902, lives at the Applewood Center, a nursing home in Matteson. Although she is blind in one eye and sometimes uses a wheelchair to get around, Ising hardly resembles what you'd expect for a person of that age. Her gray hair is fashionably cut and frames her oft-smiling face. During an interview last week, she wore a shiny, colorful jacket which would look perfect for a night out on the town. Tied around her neck was a bright red

She and Ernst, who was 98 when he died in 1998 after a brief illness, went on vacations through the mid-1990s, Tom said. Still sharp as a tack, Ising attributes her mental acuity to years of studying. She holds a doctorate in economics and taught the subject at Bradley. While in Peoria, she and five other women helped start a Planned Parenthood office there. If the Ising name sounds familiar, that's probably because Ernst developed the Ising Model, which is used around the globe to solve complex physics problems. Poor eyesight doesn't allow Ising to read the daily newspapers; Tom or volunteers at Applewood read to her. She enjoys following politics, not surprising when one considers her roots. Born in Berlin, Germany, she married her husband in 1930. Ernst was Jewish, and she was Lutheran. Worried of Adolf Hitler, she and



87 years old

1987



85 years old