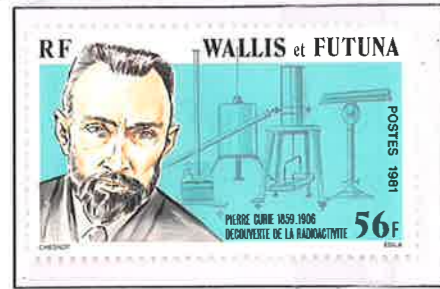


## THE NOBEL COUPLE - MARIE CURIE and PIERRE CURIE

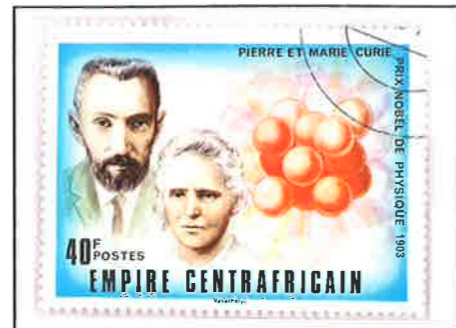
A great achiever, who started a family of other achievers too, **Marie Salomea Sklodowska – Curie** (7<sup>th</sup> November 1867 – 4<sup>th</sup> July 1934) was born in **Warsaw**, Poland. Curie was a Polish and Naturalized – French Physicist and Chemist who conducted pioneering research on **RADIOACTIVITY**. She was the first woman to win a Nobel Prize, the first person.



The only Women to win the Nobel prize **Twice** and the only person won the Nobel prize in two scientific fields. Her Husband, Pierre Curie was a co-winner on her first Nobel prize, making them the first ever married couple won the Nobel prize, and launching the Curie family legacy of FIVE NOBEL PRIZES. She was in 1906, the first Women Professor at the University of Paris.

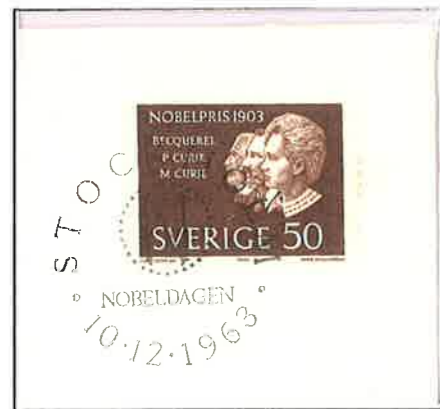


On 26 July 1895 Pierre Curie and Marie had a civil wedding ceremony in Sceaux- France



### AWARDS : In 1903 NOBLE PRIZE IN PHYSICS

Along with Pierre Curie, Henri Becquerel #Marie Curie was the first woman to be awarded a Nobel Prize



AWARDS : In 1911 NOBLE PRIZE IN CHEMISTRY (discovery of the elements RADIUM and POLONIUM), First Women got the two Noble Prize in two fields.



## RADIOTHERAPY – RADIATION ONCOLOGY



Poland Map shows Warsaw City ↑



Radiotherapy is the use of ionizing radiation (high energy radiation that displaces electron from atoms and molecules) to destroy cancer cells.

Radiation has been present throughout the evolution of life of Earth. The discovery of X-rays in 1895 by German physicist Wilhelm Rontgen and with the discovery of radioactivity by French physicist, **Henri Becquerel and Marie curie, Pierre Curie**, the biological effects of radiation were recognized. In the 20<sup>th</sup> century ionizing radiation came into use to treat Malignant (cancerous) and benign conditions. In 1922 at the Congress of Oncology in Paris, French radiation oncologist **Henri Courtard** presented the first evidence of the use of fractionated radiotherapy to cure advanced cancer of the Larynx (Voice box) without significant deleterious side effects.



Together against cancer Marie & Pierre Curie- Panama

The therapeutic properties of radium rays against cancer were recognized. The use of Radium in medicine became so common that every kind of disease was treated by radium therapy. Not only breast cancer, but also diabetes, sciatica, uremia, rheumatism, and even impotence

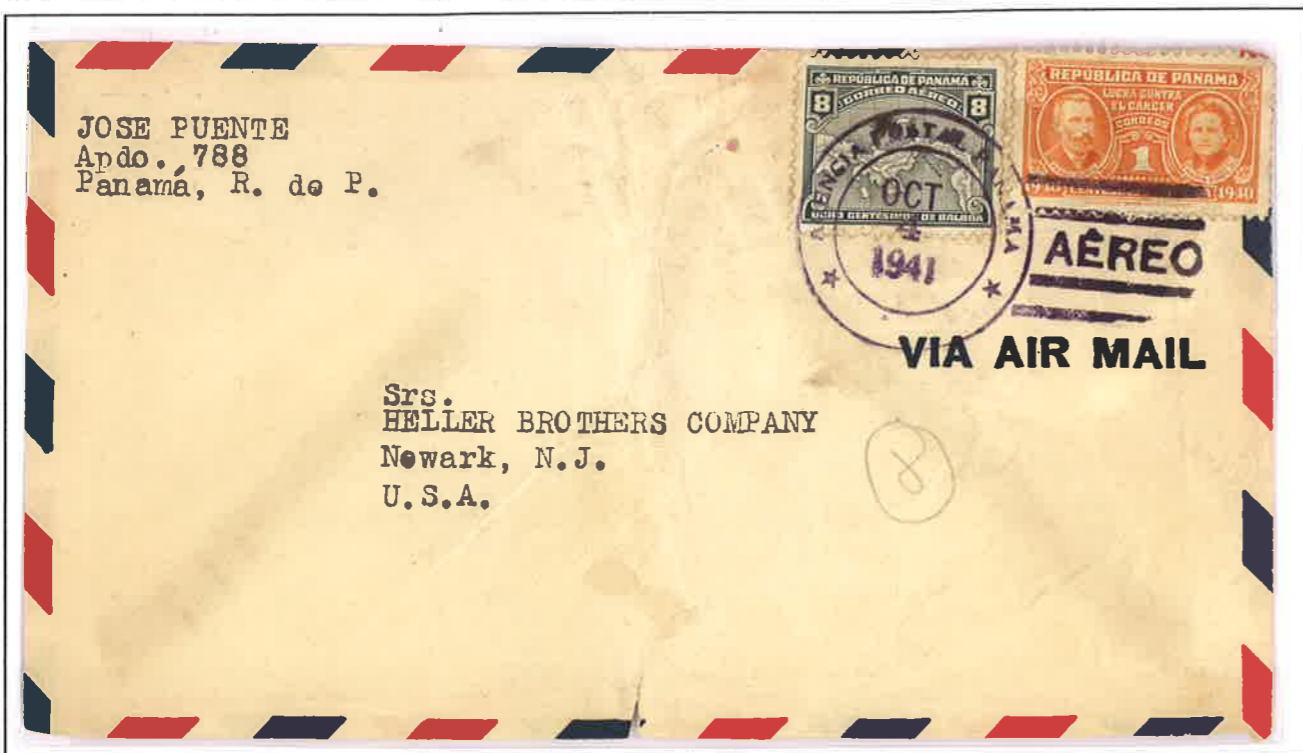
Irene Joliot-Curie & Fredric Joliot-curie 1935- won Nobel prize in chemistry for Induced Radio activity



1987 – Russian Stamp Marie Curie – First Women Won the Two Nobel Prize in 1903 & 1911



4<sup>th</sup> February – The World Cancer Day Permanent pictorial cancelation



# 04-10-1941- Airmail from Panama to USA- Marie curie & Pierre curie stamp



American cancer society First day of issue cover- 1<sup>st</sup> April 1965

