

A  
♥



Marie Curie



Equal SciTech



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Ipazia



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## Maria Gaetana Agnesi



Equal SciTech



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Margherita Hack



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**Samantha Cristoforetti**



Equal SciTech



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Rita Levi-Montalcini



Equal SciTech



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**Fabiola Gianotti**



Equal SciTech



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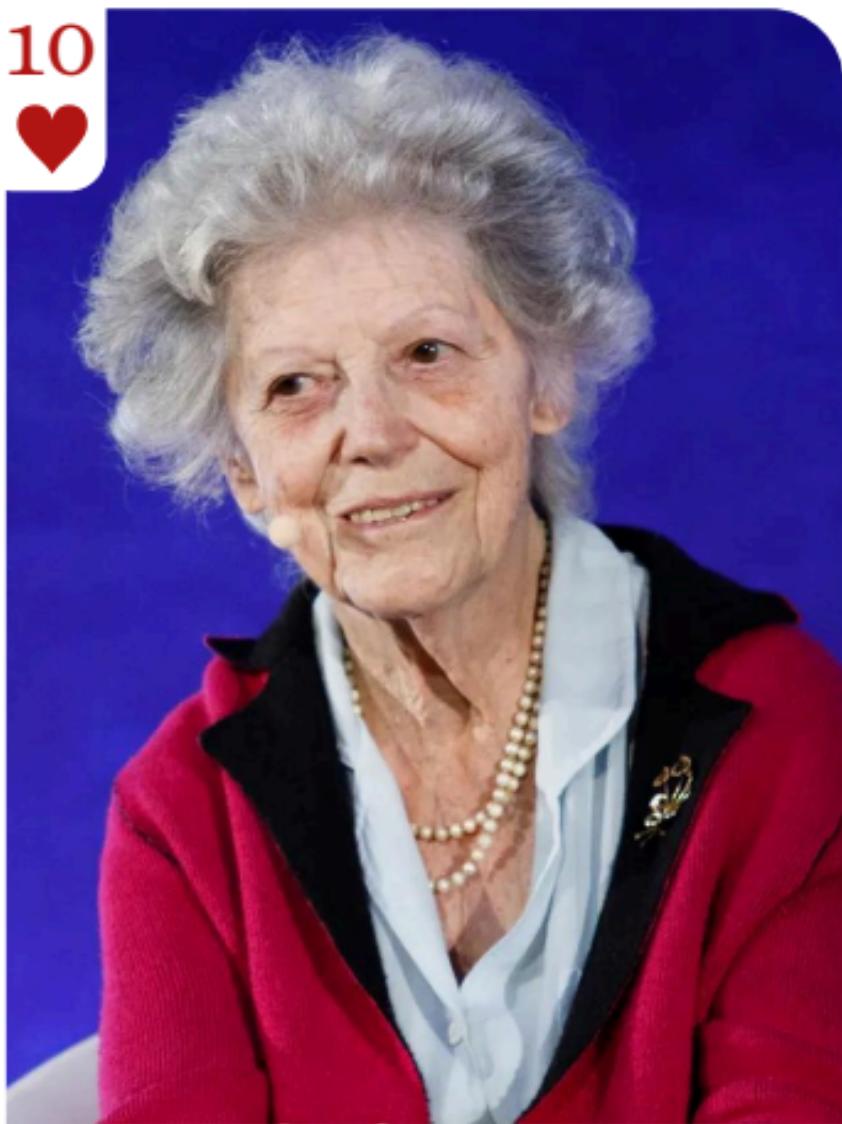


**Agnese Collino**

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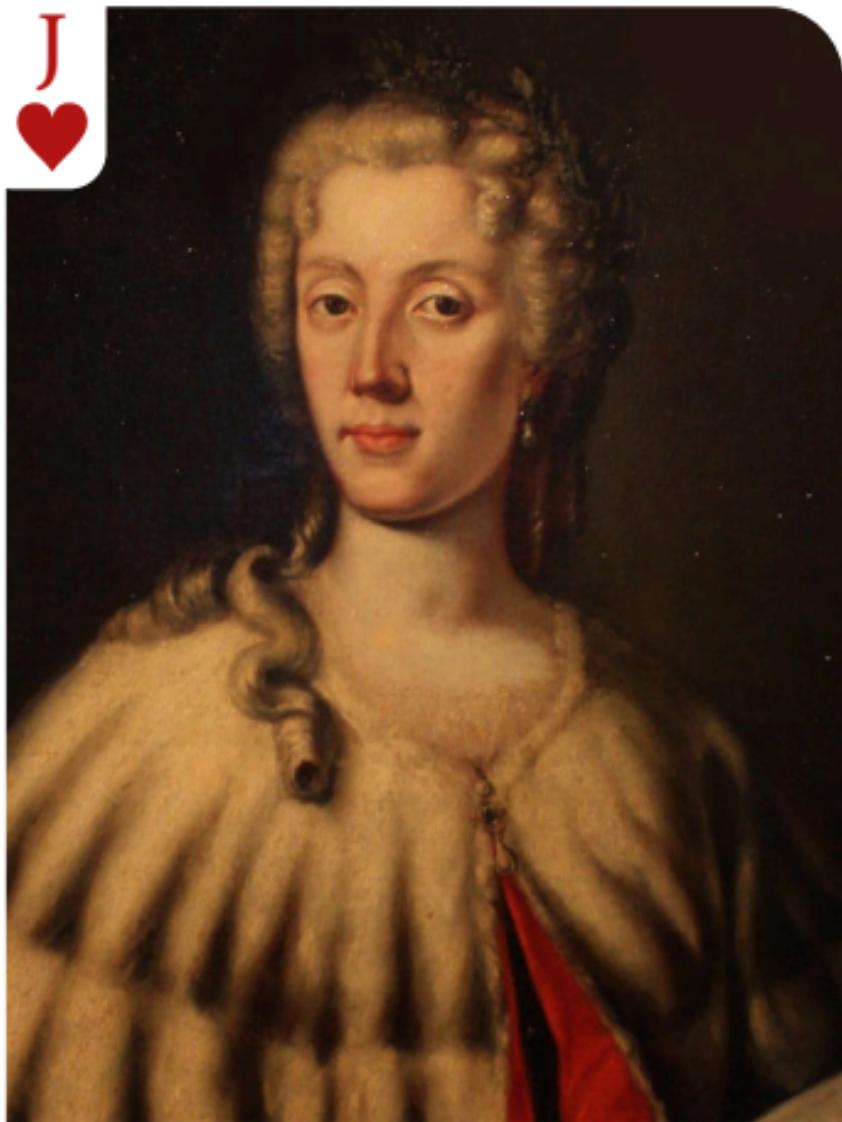
Amalia Ercoli Finzi



Equal SciTech



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Laura Bassi



Equal SciTech



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Ida Noddack

Equal SciTech



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Raquel Seruca



Equal SciTech



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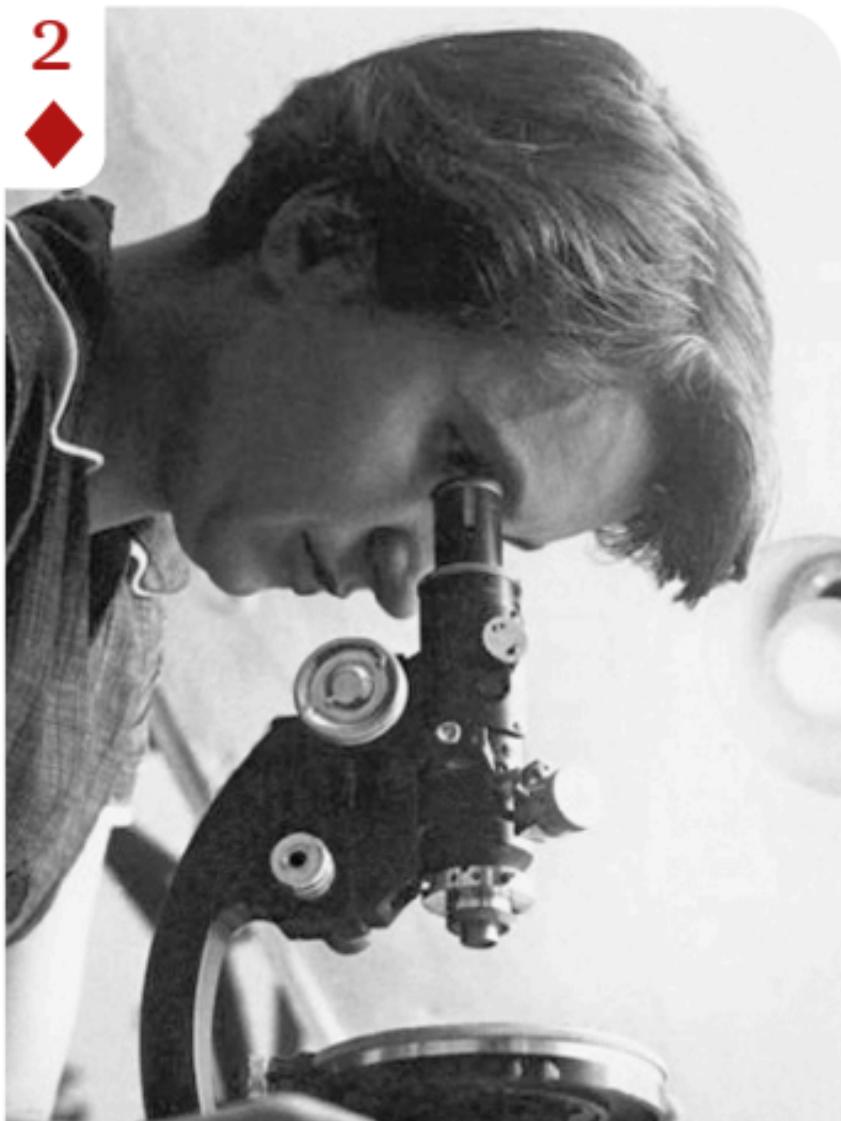


Elvira Fortunato

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Rosalind Franklin

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Irène Joliot-Curie

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**Cristina Fonseca**

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**Maria de Sousa**

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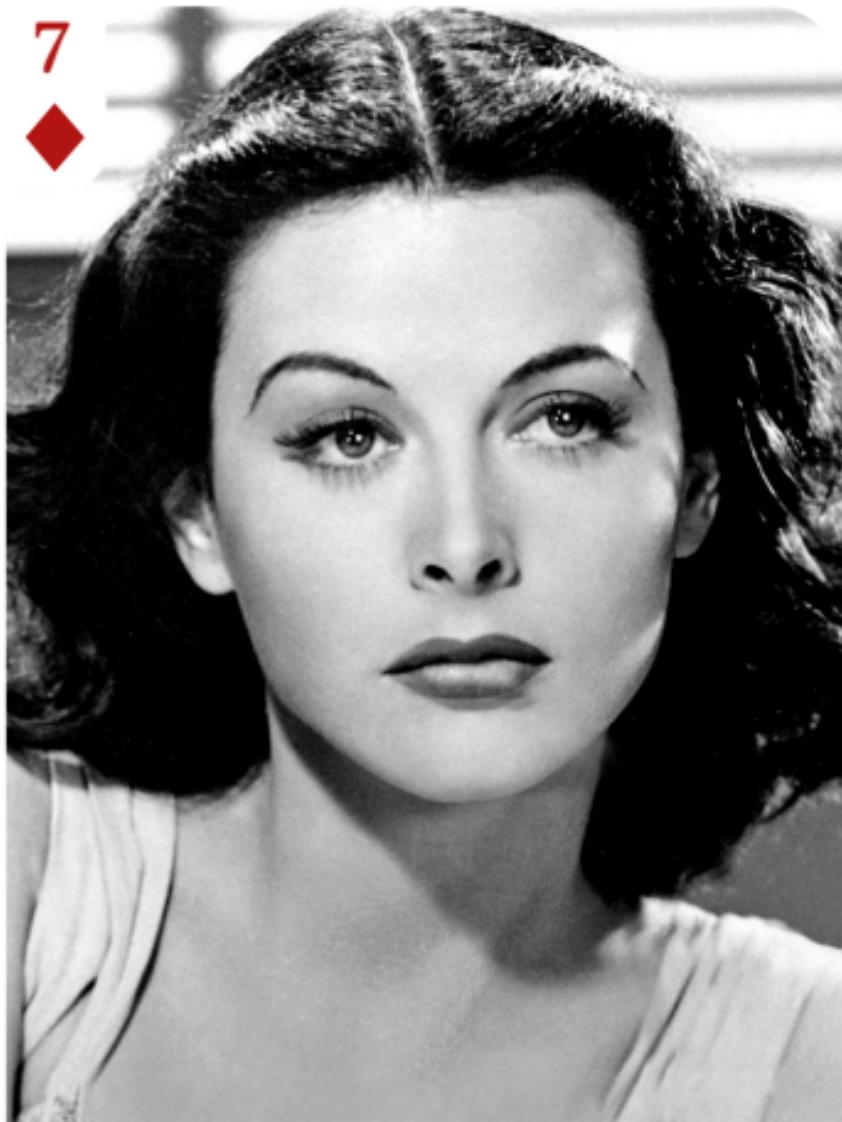
Ana Aslan



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Hedy Lamarr



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Margareth Hamilton



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Inge Lehman

Nov 1935

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**Chiara Montanari**

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**Barbara Cominelli**

Equal SciTech





**Simonetta Di Pippo**



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**Patrizia Caraveo**



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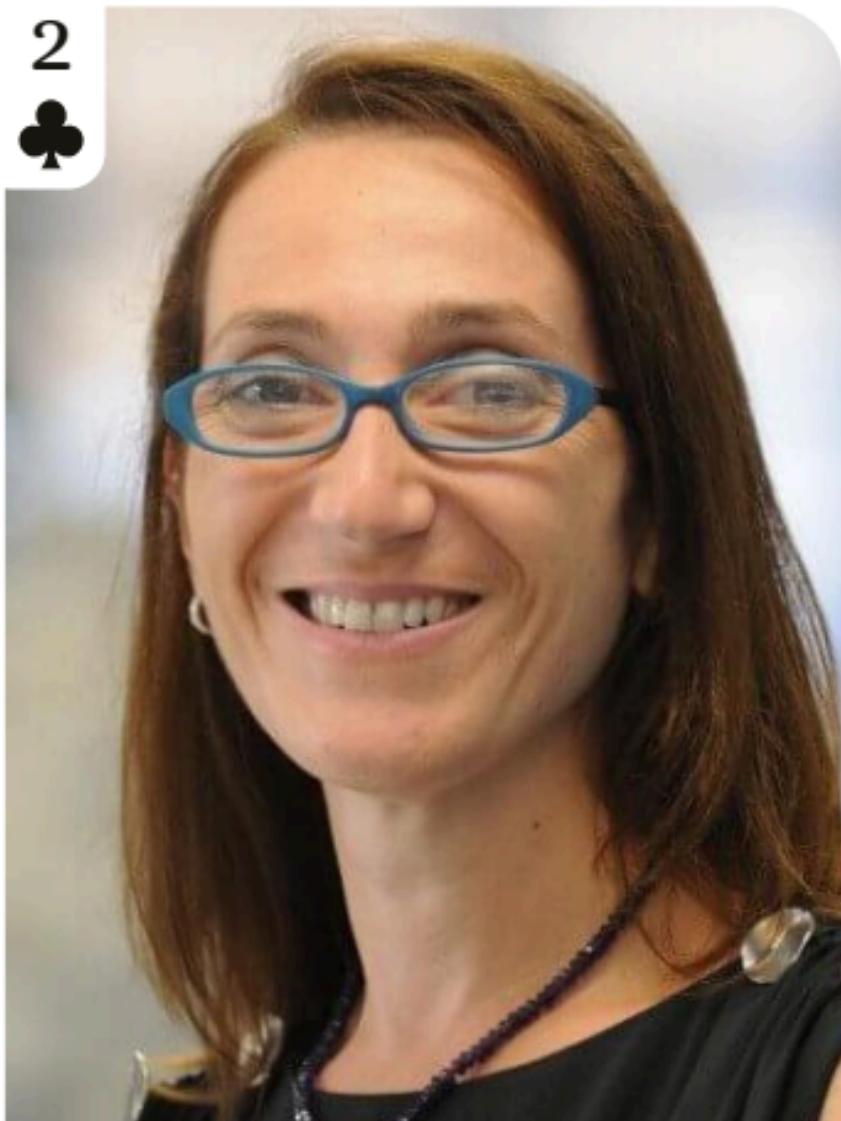
Paola Tognini



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Maria Elena Bottazzi

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**Simonetta Cheli**

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## Marica Branchesi



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Emilia Garito

Equal SciTech



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Ada Lovelace

Equal SciTech



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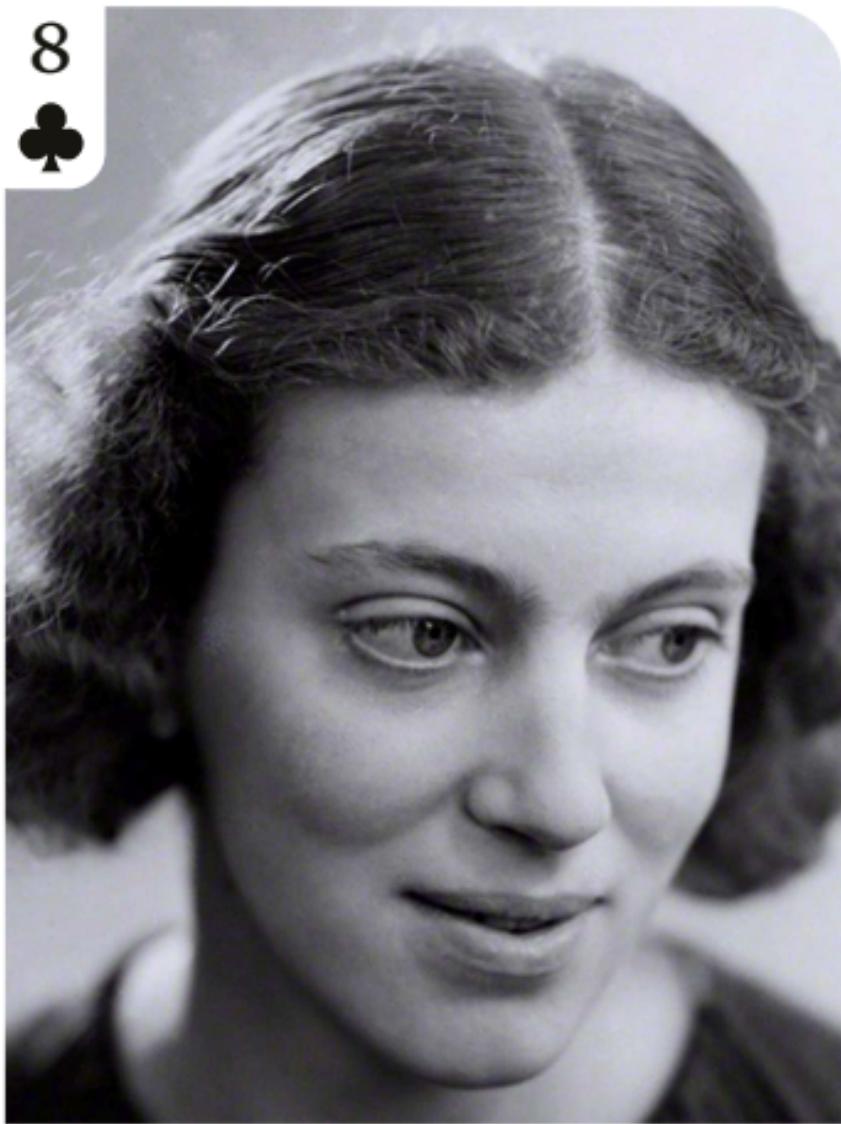


Katherine Johnson

Equal SciTech



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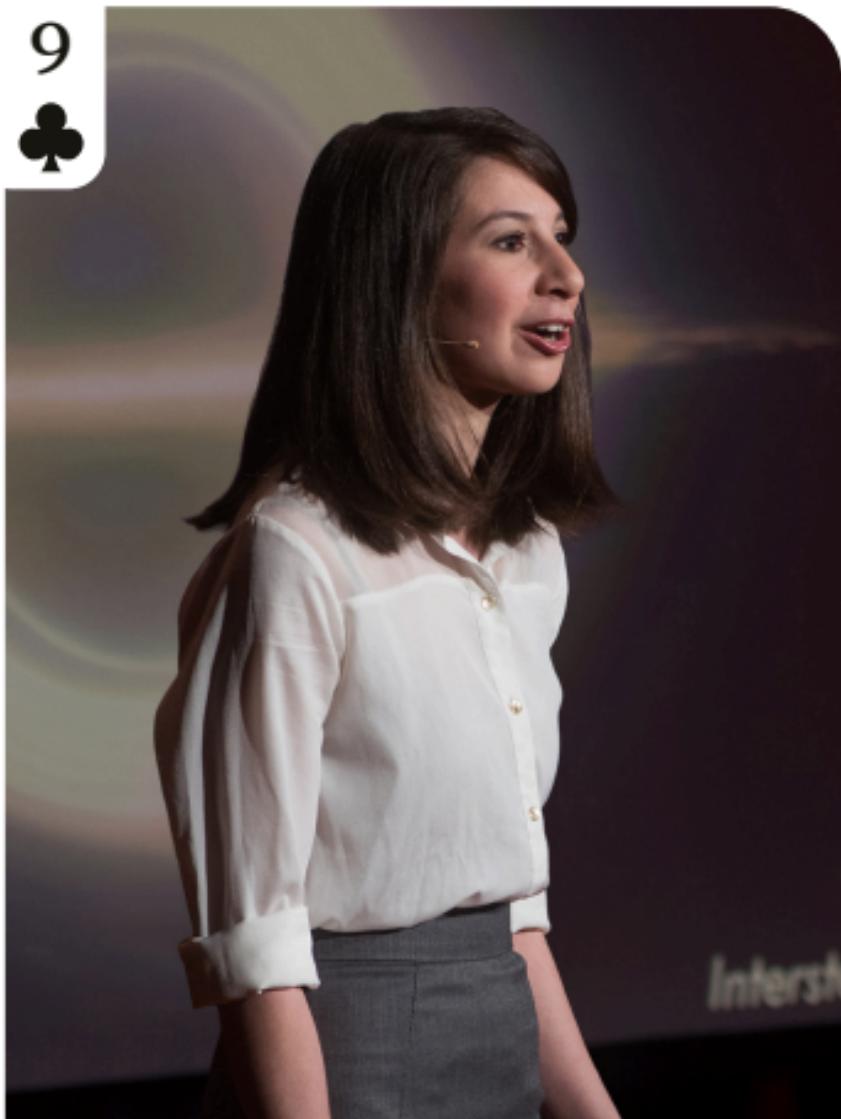


Dorothy Crowfoot Hodgkin

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Katherine Louise Bouman

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Tabitha Babbitt

Equal SciTech



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Mary Kenneth Keller

SIGN

ACCEP

Equal SciTech



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Mary Anderson

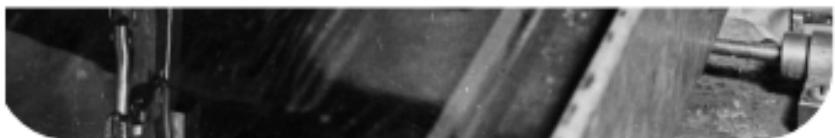
Equal SciTech



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Katharine Burr Blodgett



Equal SciTech



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Lise Meitner

Equal SciTech



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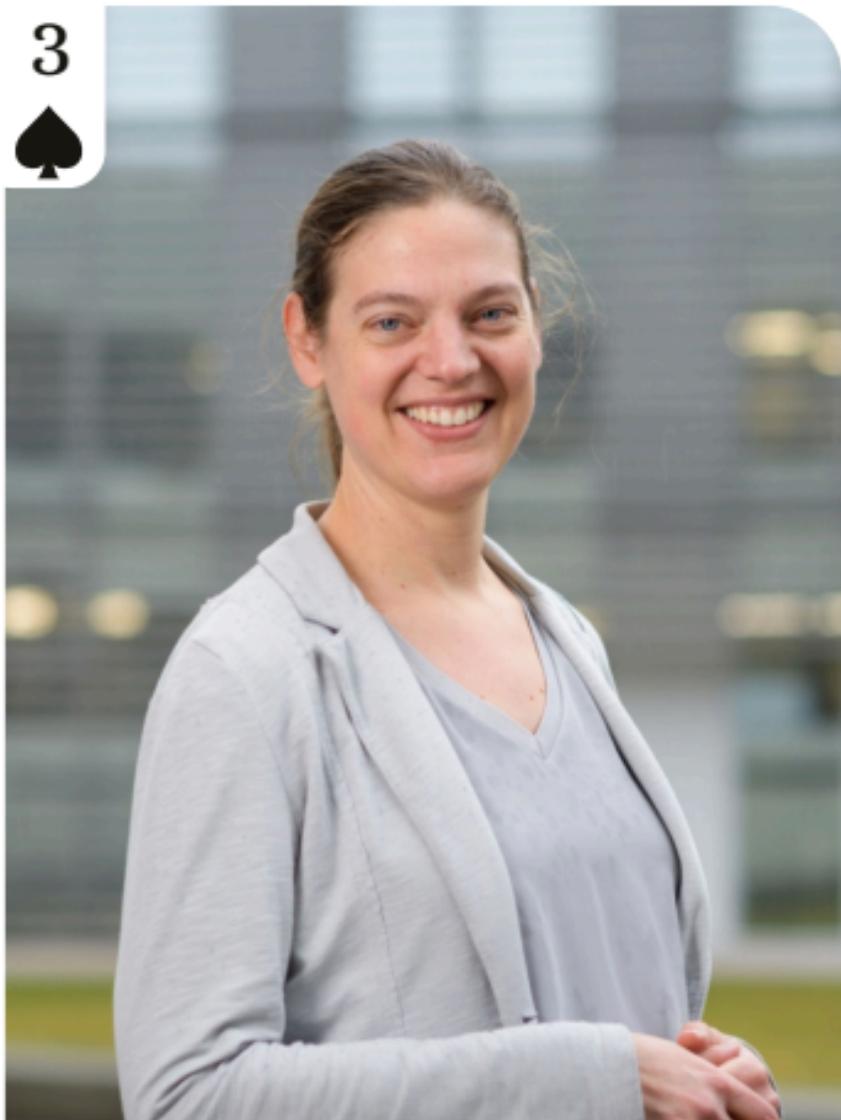


Cynthia Breazeal

Equal SciTech



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**Sabine Klinker**

Equal SciTech



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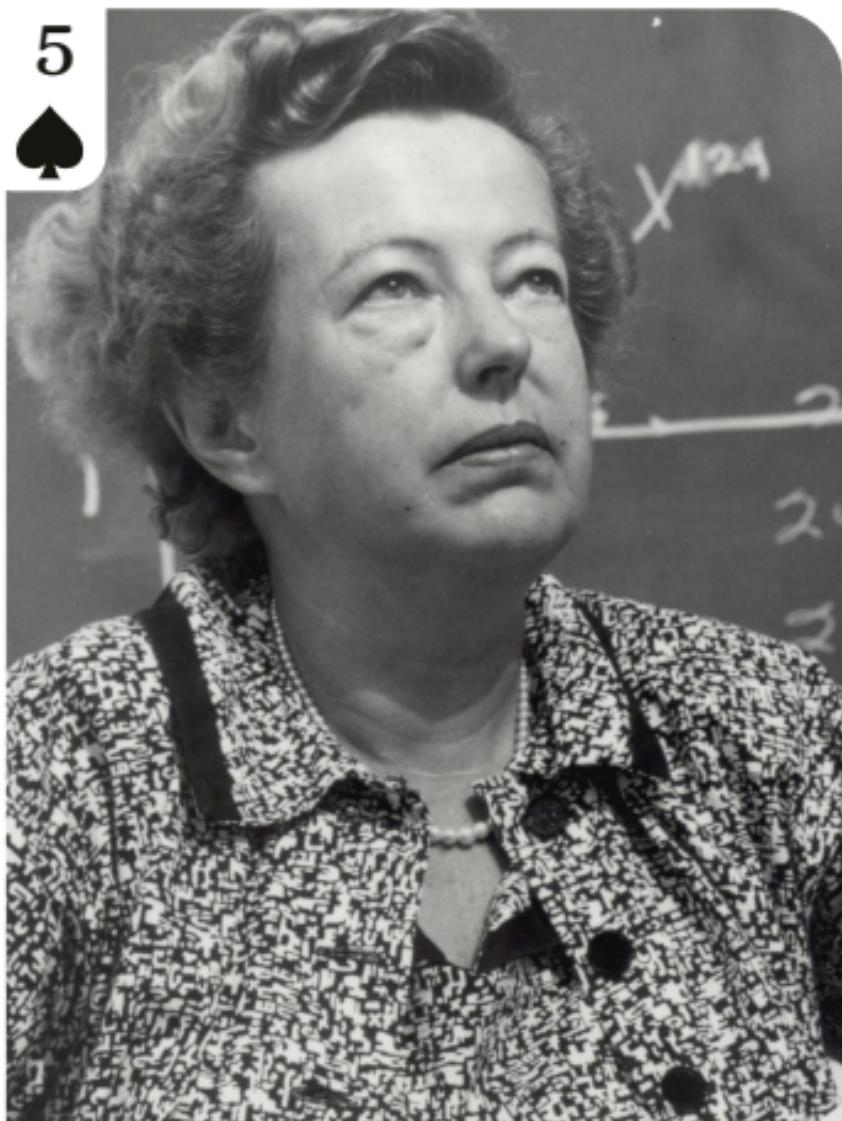


Emmy Noether

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Maria Göppert



Equal SciTech



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Clara Immerwahr



Equal SciTech



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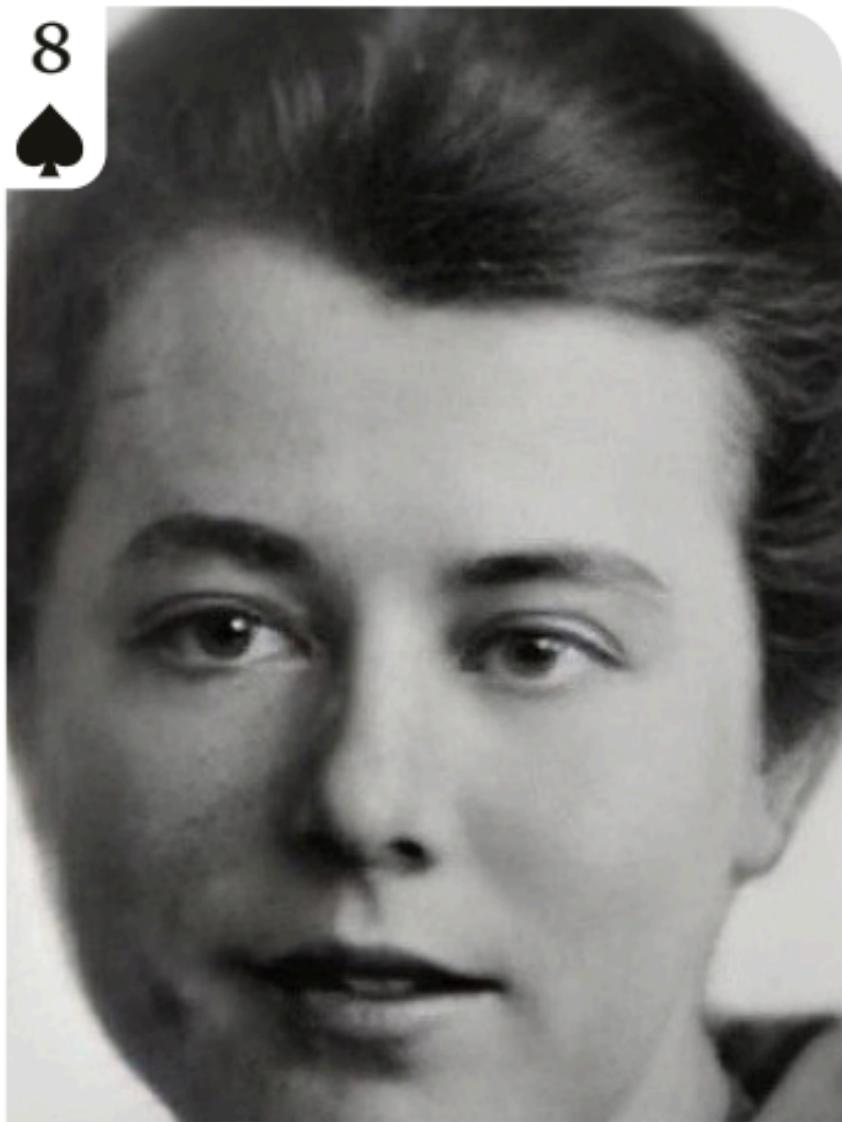


Dorothea Erxleben

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Hilde Mangold

Equal SciTech



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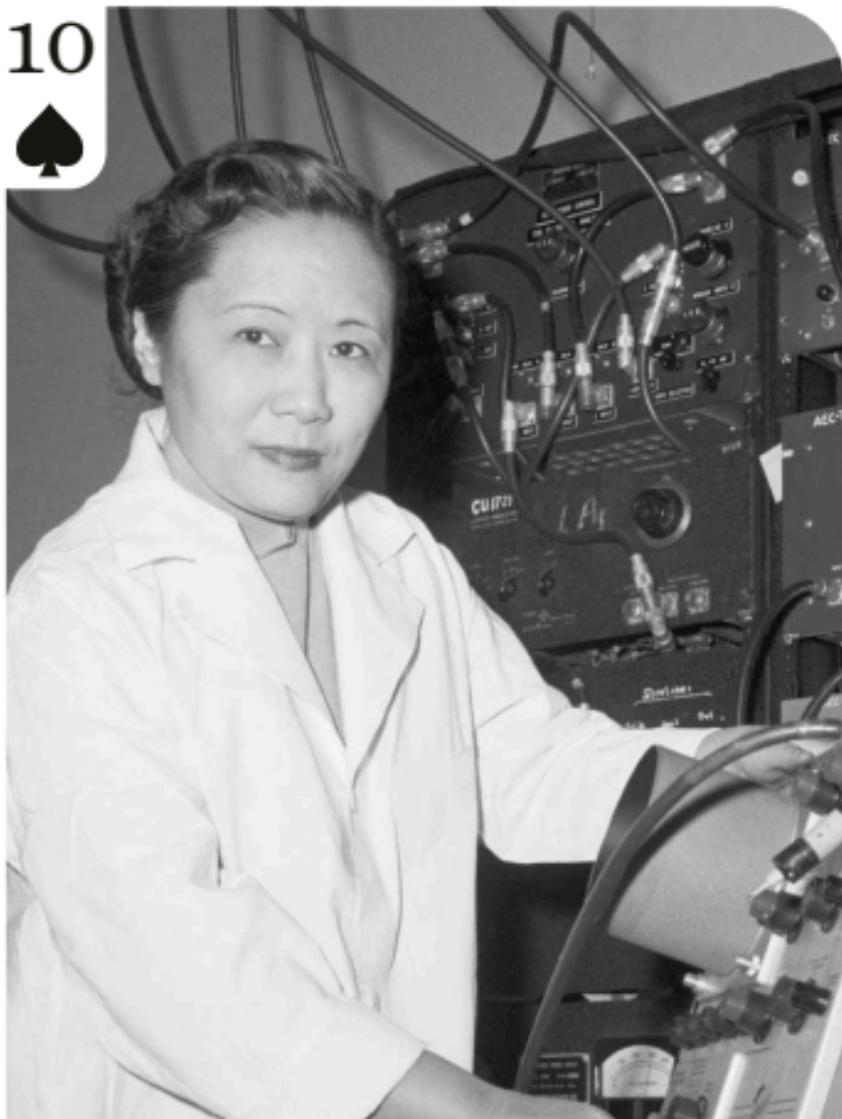


Maria Winkelmann

Equal SciTech



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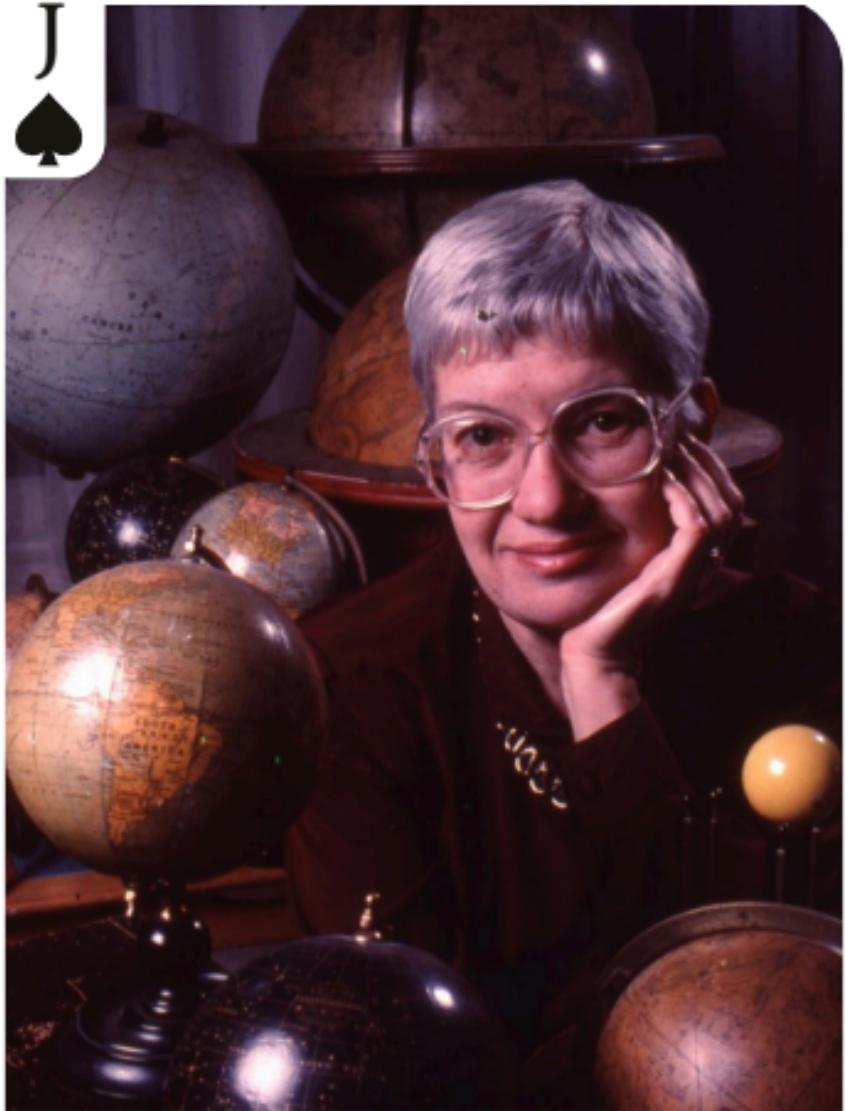
Chien-Shiung Wu



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Vera Rubin

Equal SciTech



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Marie-Sophie Germain

Equal SciTech



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Marcia Barbosa



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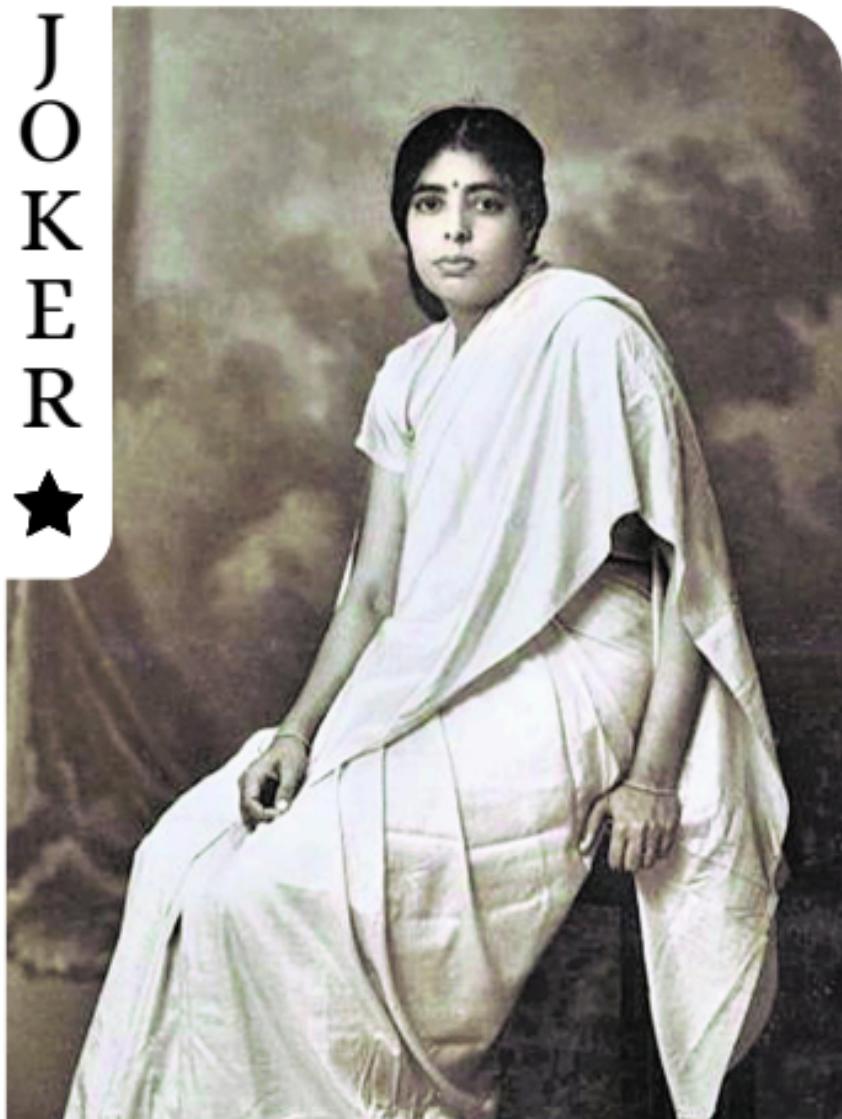


Tu Youyou

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Janaki Ammal



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**Lucia Votano**

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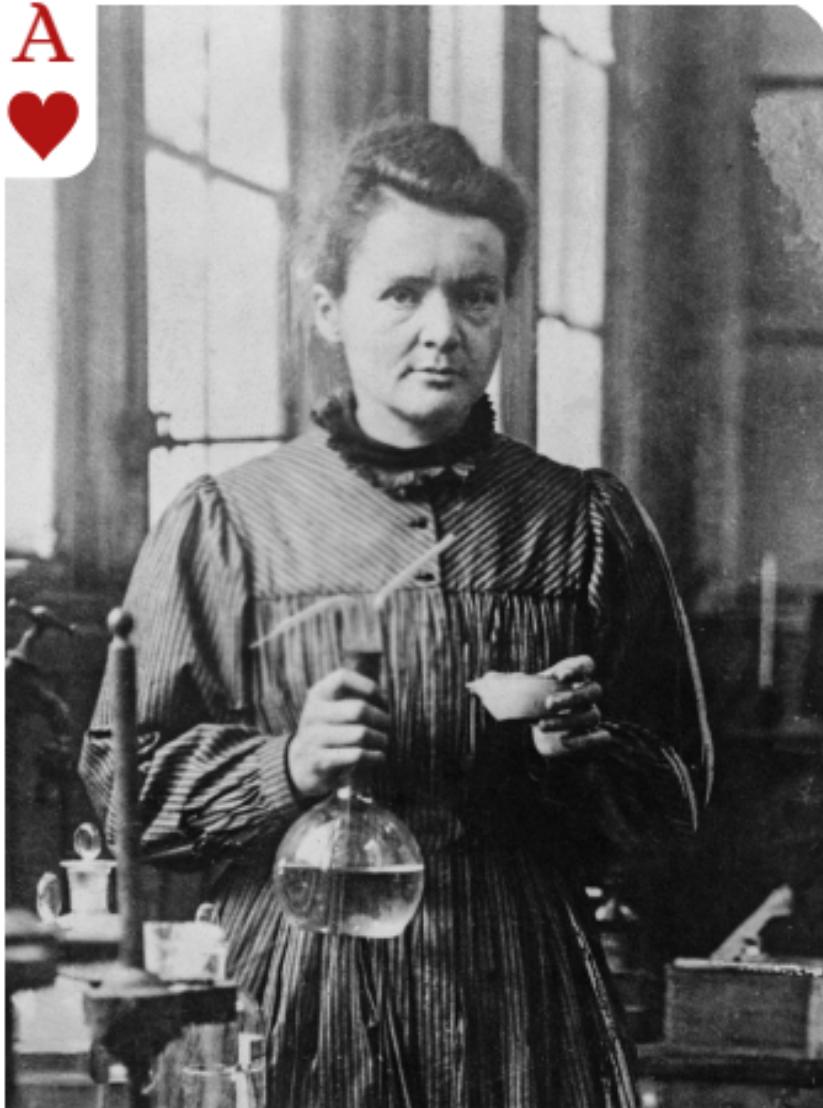
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Marie Curie





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## Maria Gaetana Agnesi





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Margherita Hack

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**Samantha Cristoforetti**





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Rita Levi-Montalcini

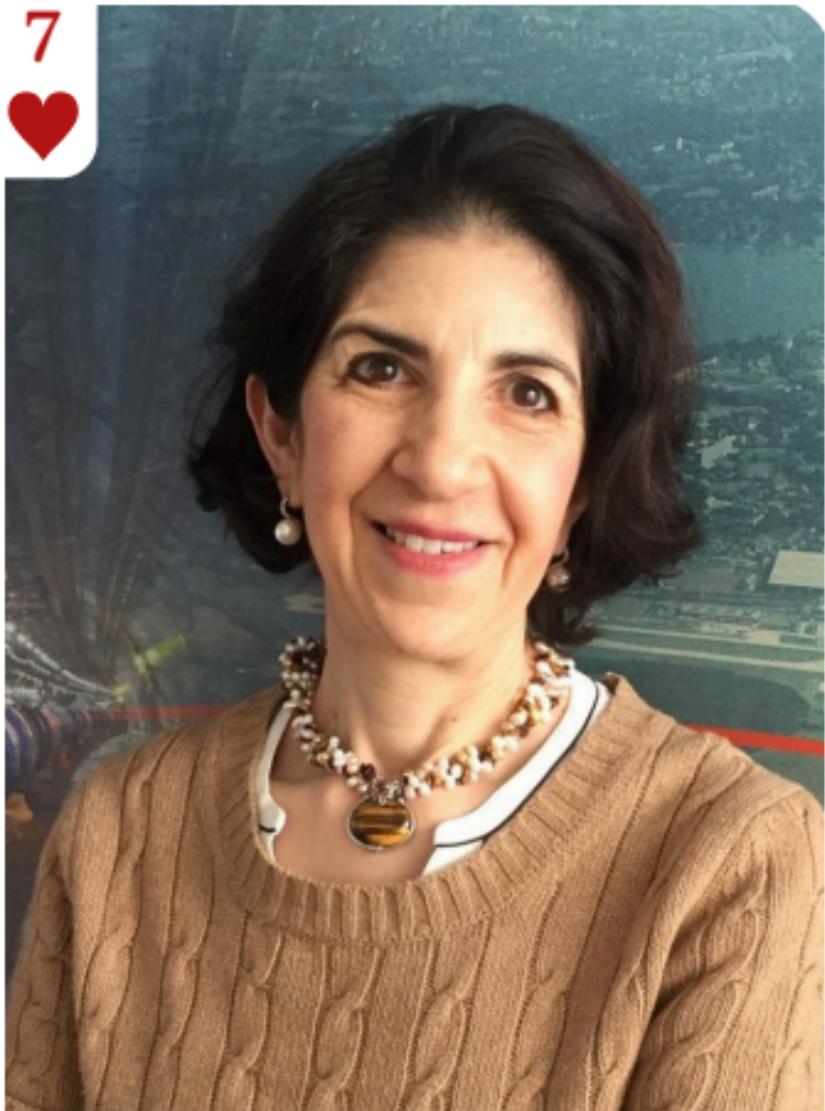




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**Fabiola Gianotti**



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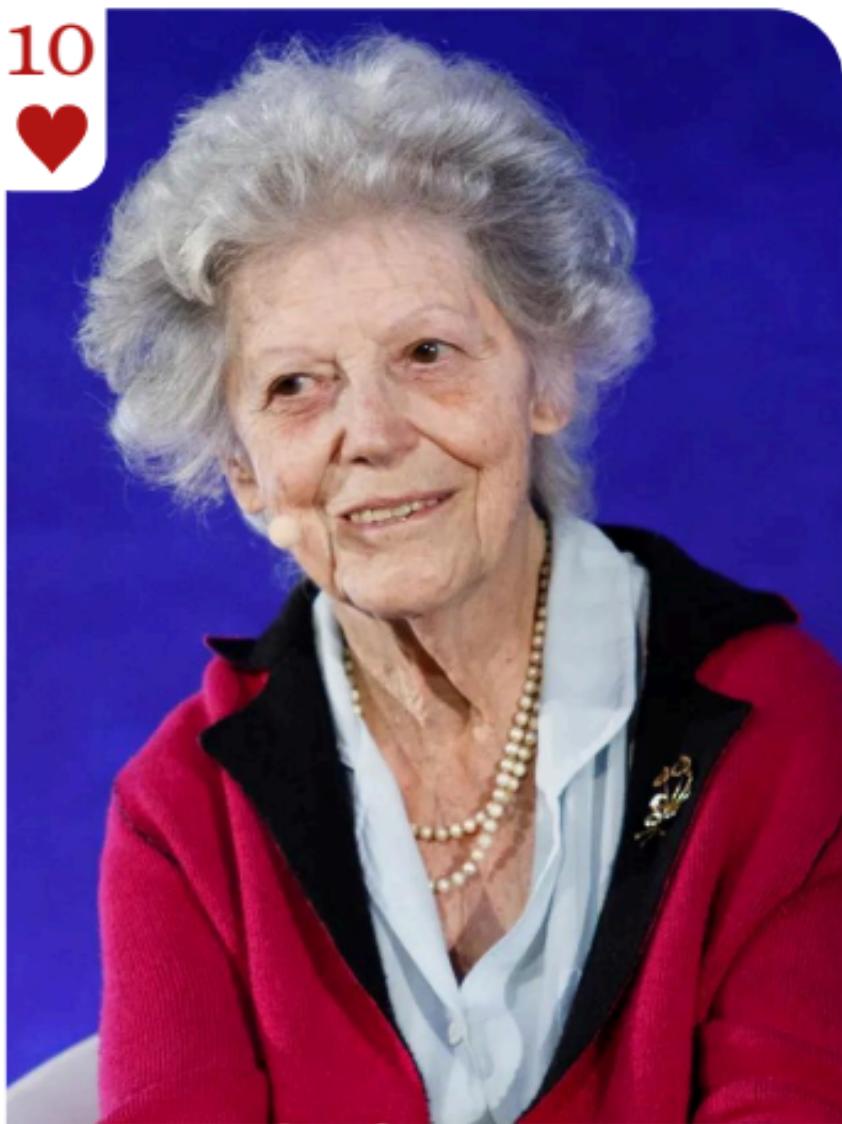


**Agnese Collino**

Equal SciTech



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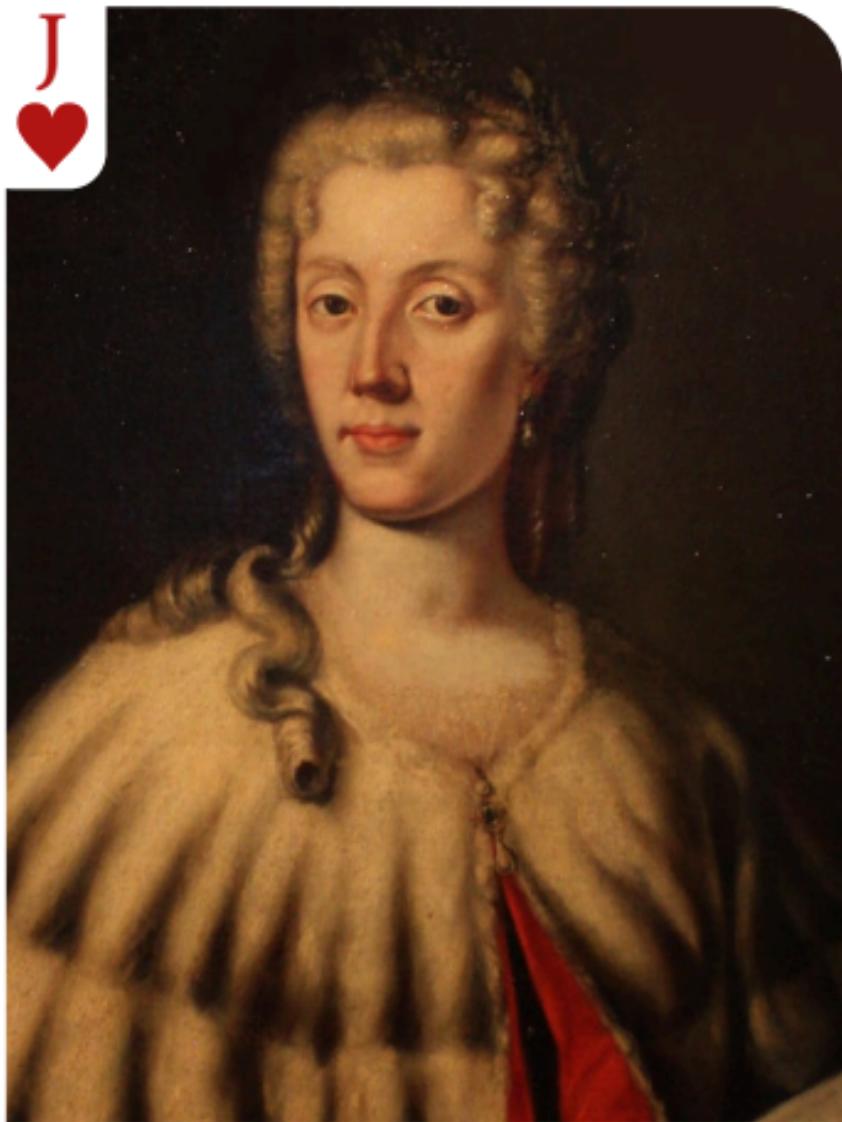
Amalia Ercoli Finzi



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Laura Bassi



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Ida Noddack

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Raquel Seruca





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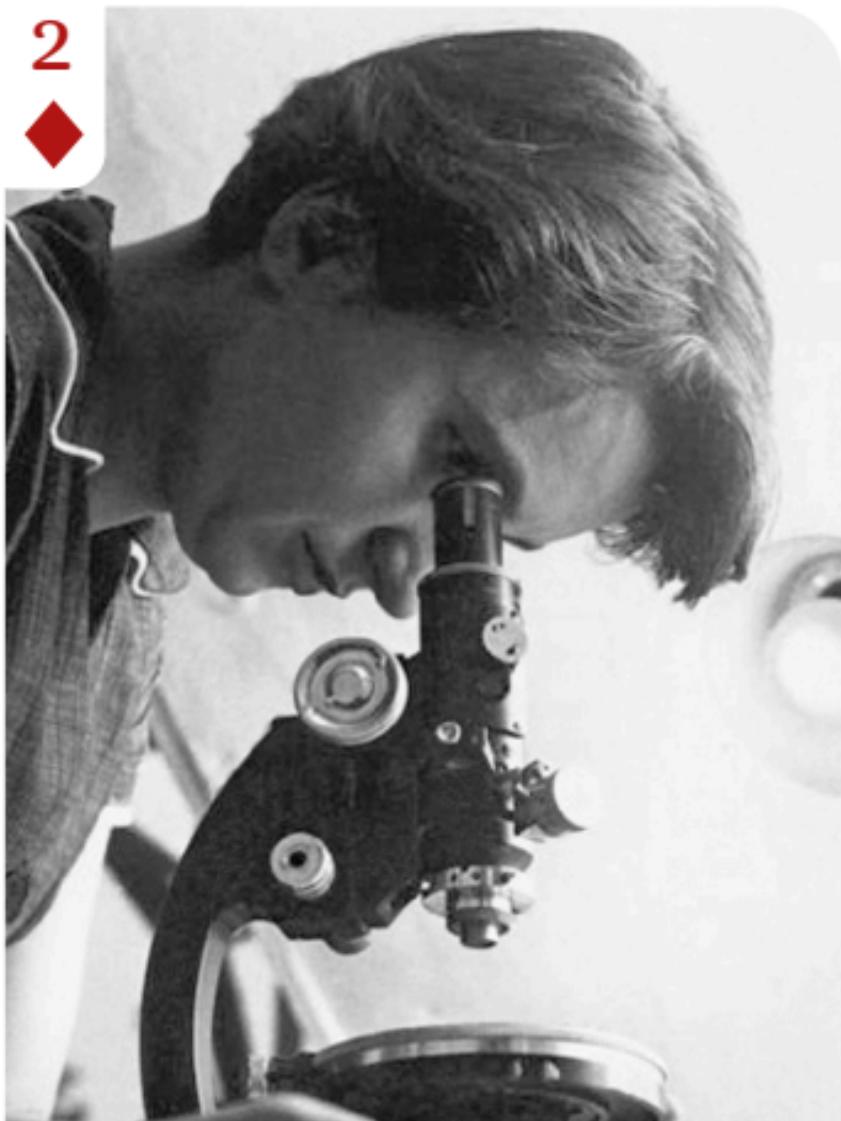


Elvira Fortunato

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Rosalind Franklin

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**Cristina Fonseca**

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**Maria de Sousa**



Equal SciTech



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Ana Aslan

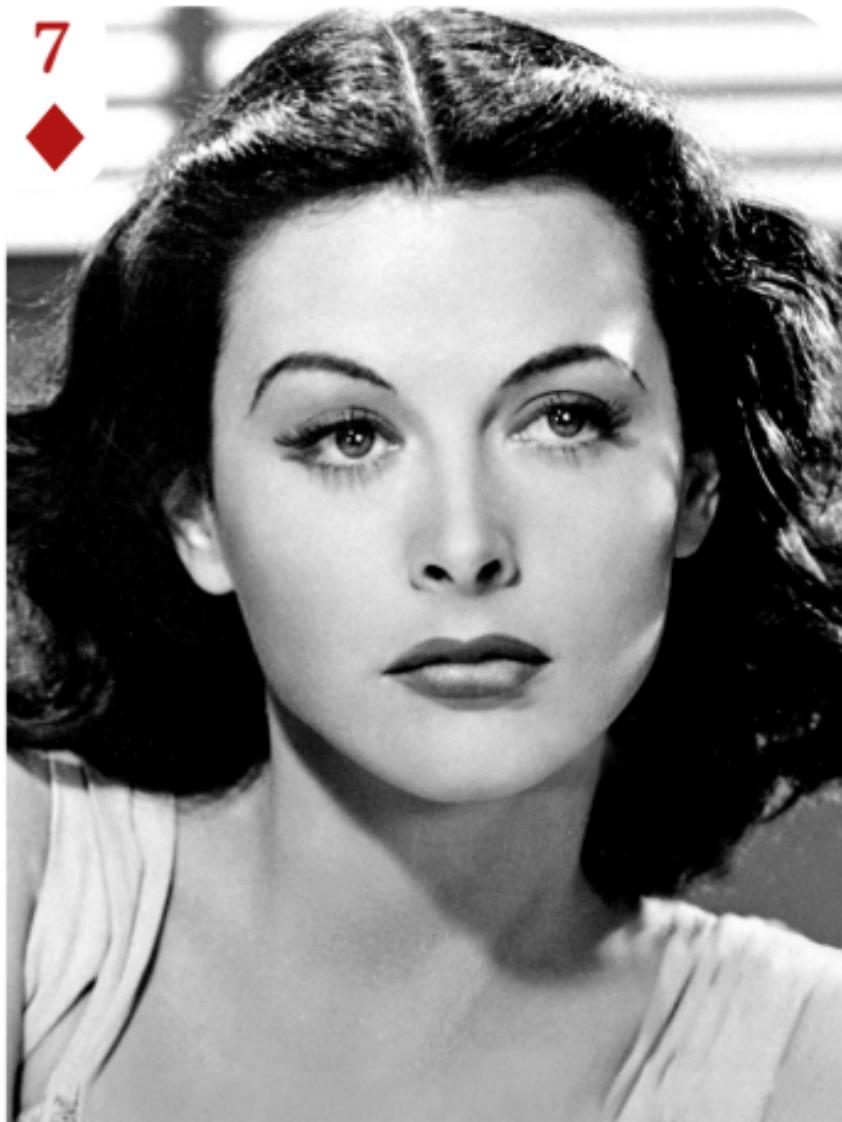




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Hedy Lamarr





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Margareth Hamilton





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Inge Lehman

Nov 1935

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**Chiara Montanari**

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**Barbara Cominelli**

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**Simonetta Di Pippo**



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**Patrizia Caraveo**



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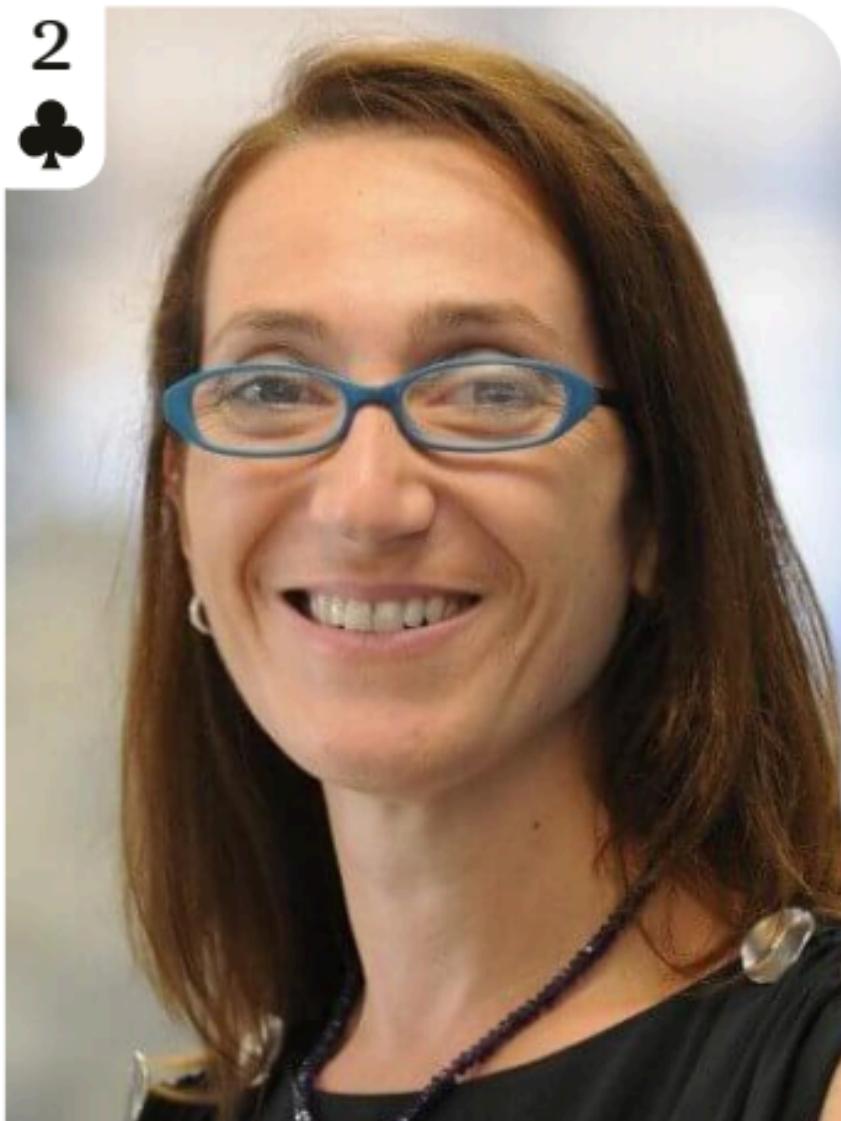
Paola Tognini



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Maria Elena Bottazzi

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**Simonetta Cheli**

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## Marica Branchesi





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Emilia Garito

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Ada Lovelace

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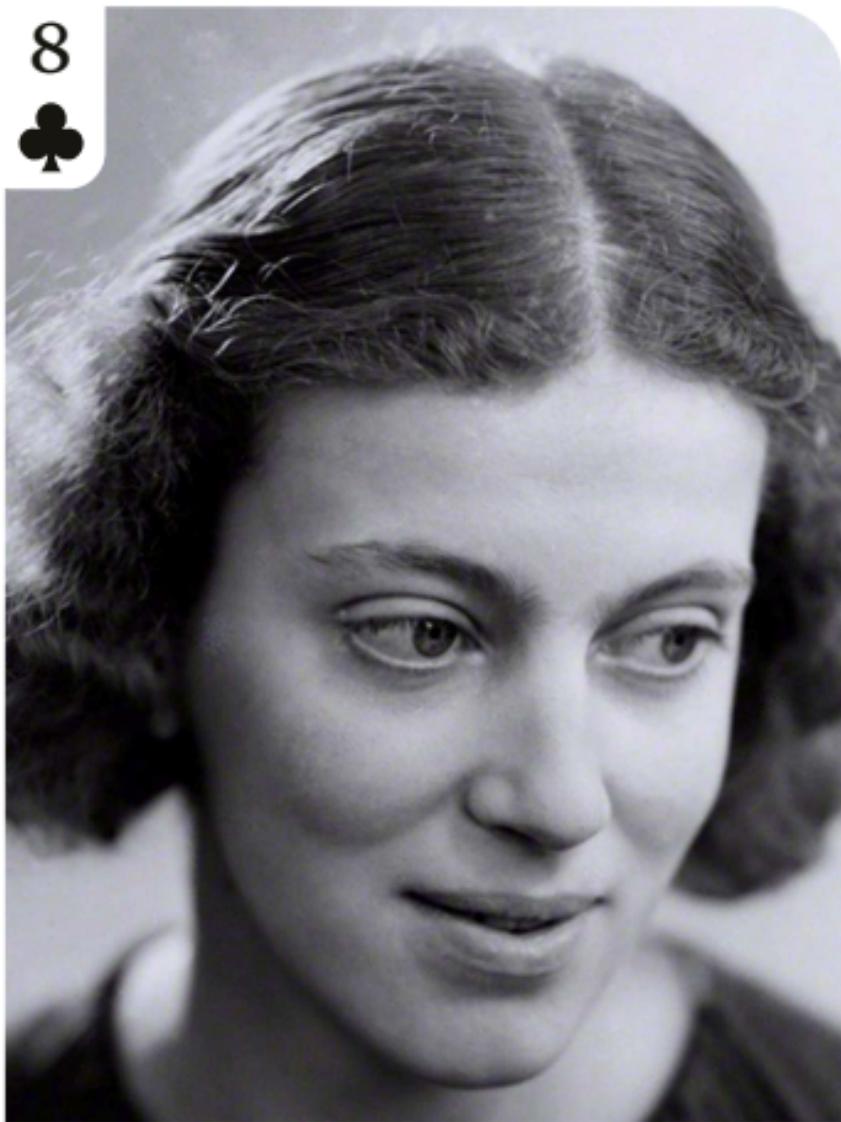


Katherine Johnson

Equal SciTech



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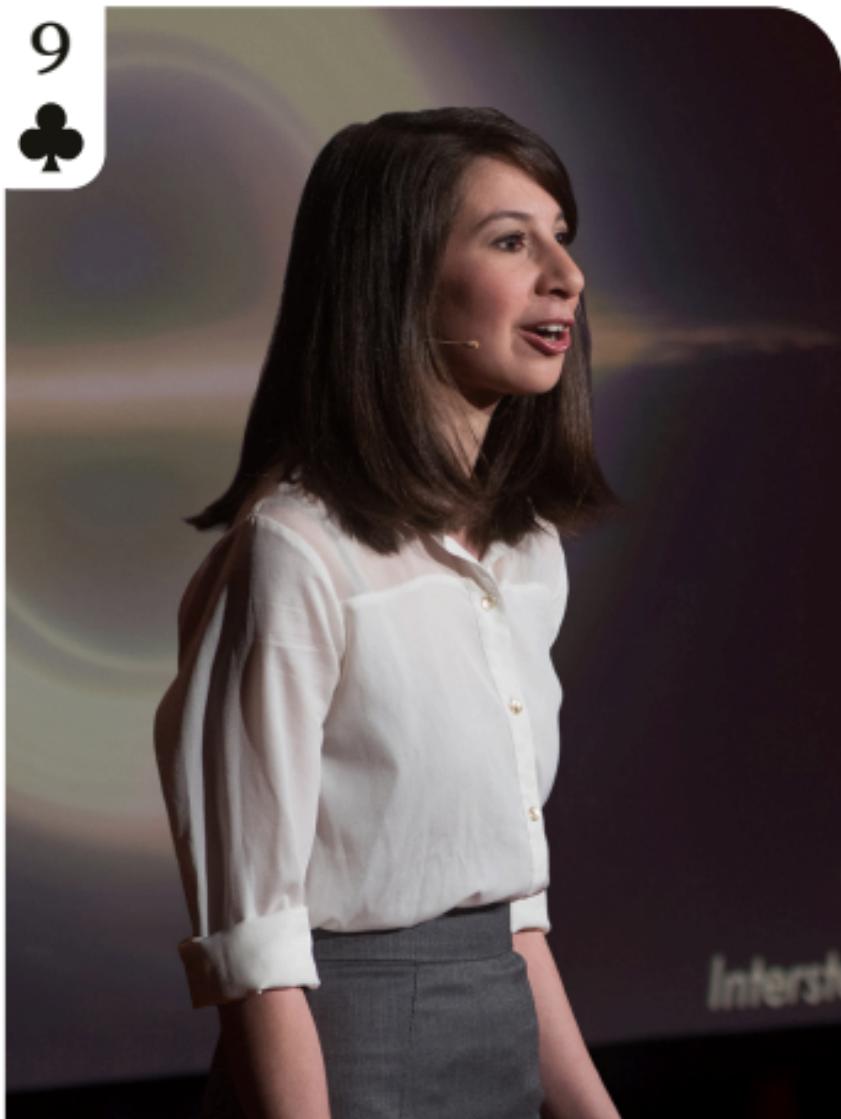


Dorothy Crowfoot Hodgkin

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Katherine Louise Bouman

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Tabitha Babbitt

Equal SciTech



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Mary Kenneth Keller

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Mary Anderson



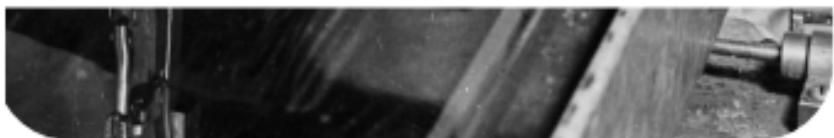
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Katharine Burr Blodgett



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Equal SciTech



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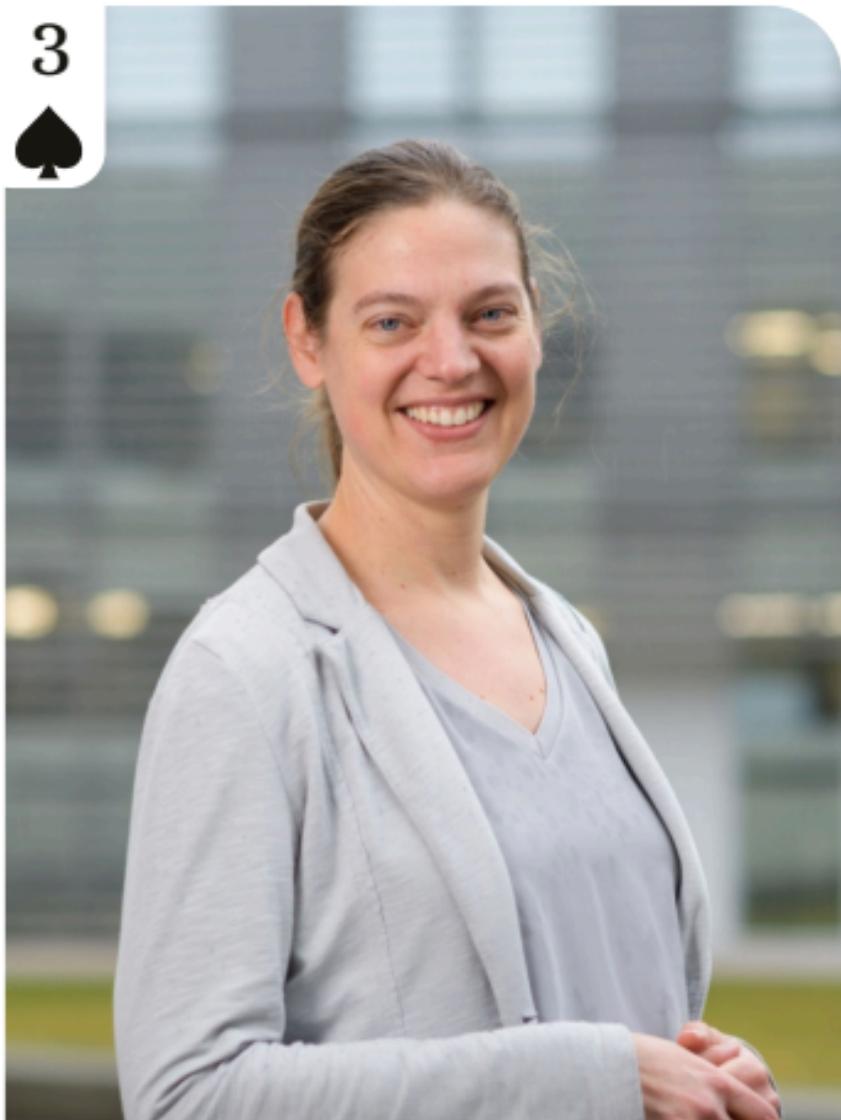
Cynthia Breazeal



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**Sabine Klinker**

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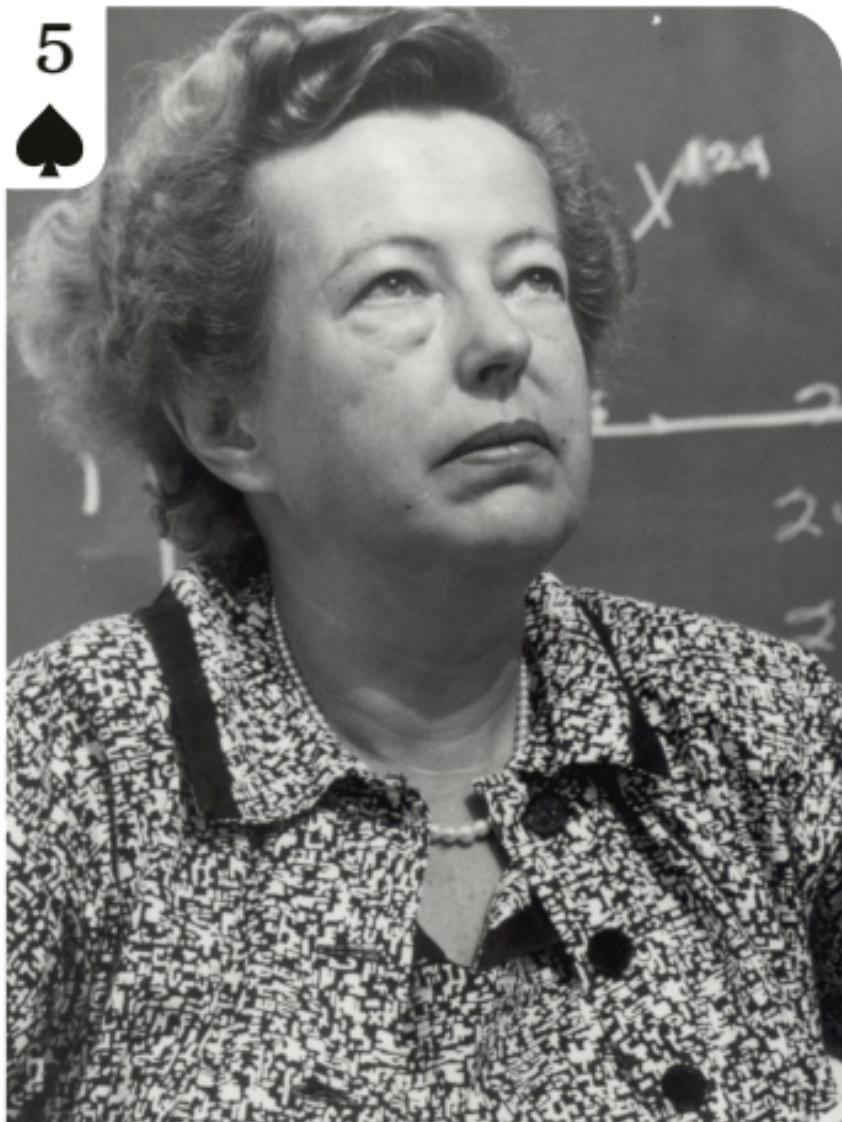
Emmy Noether



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Clara Immerwahr

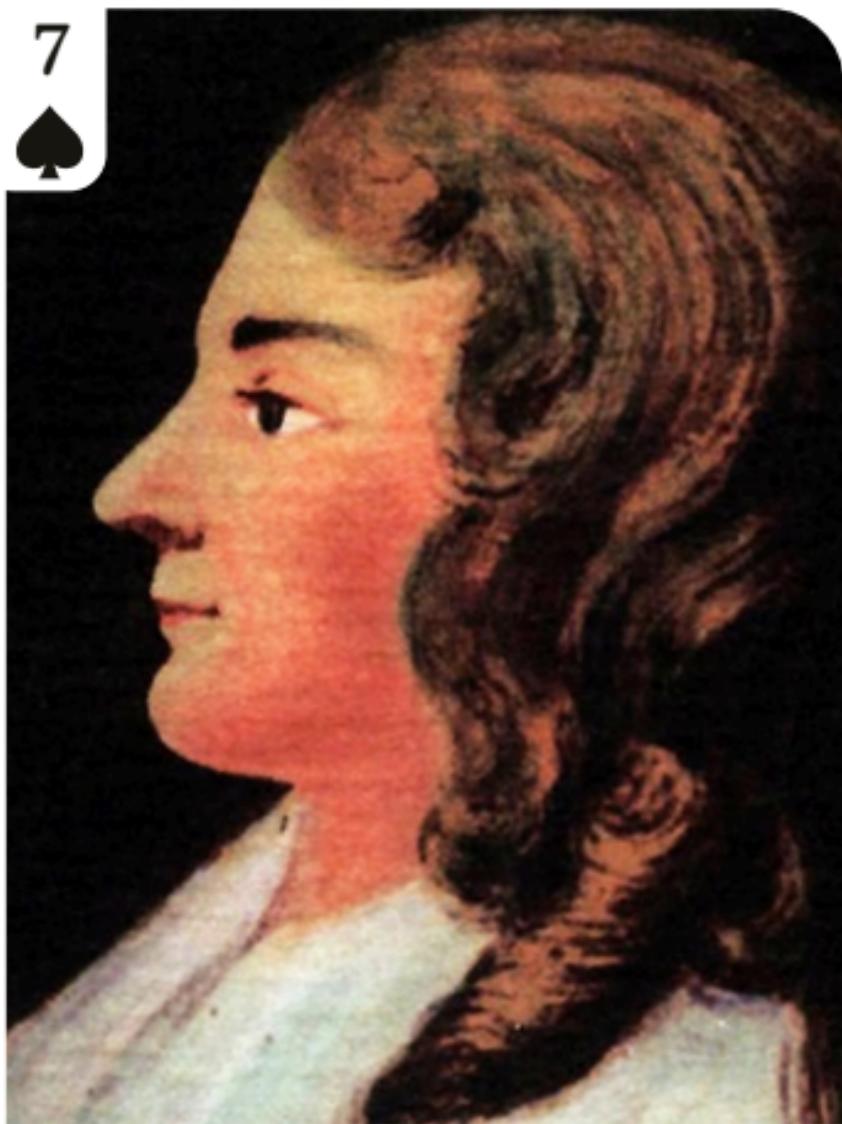




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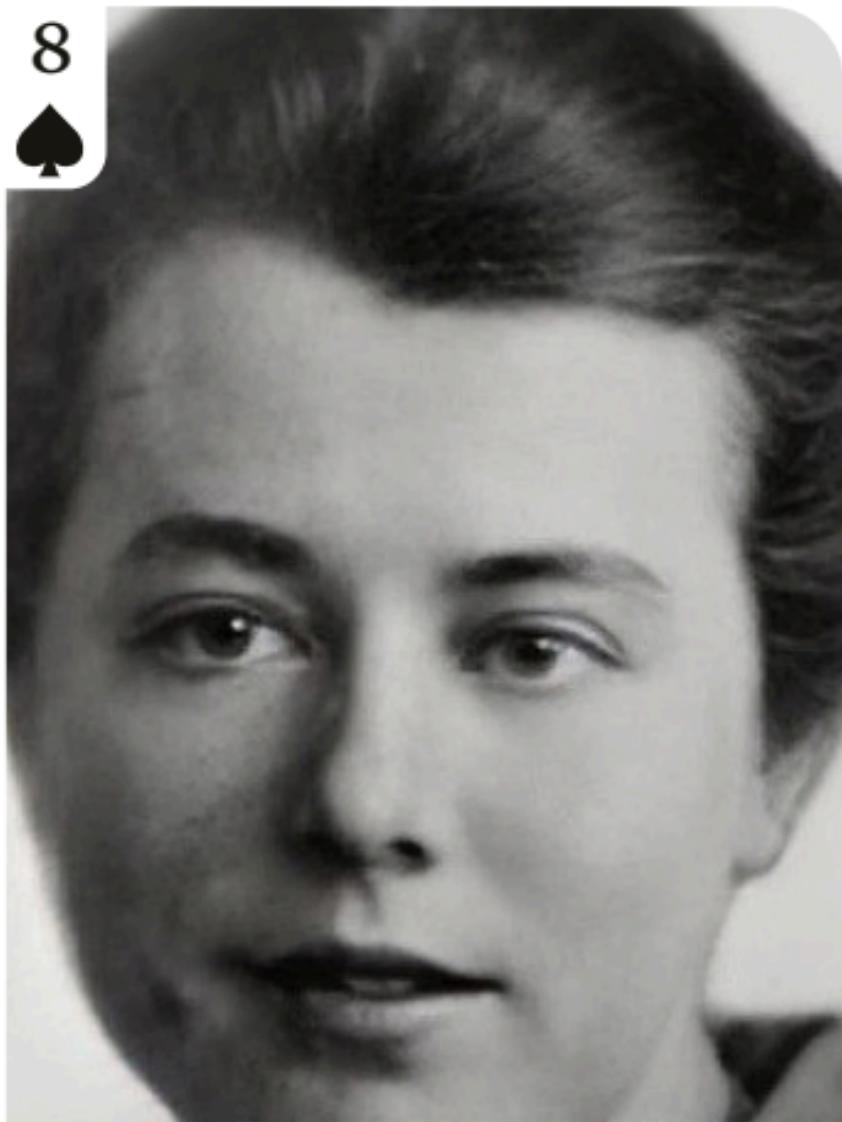


Dorothea Erxleben

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Hilde Mangold

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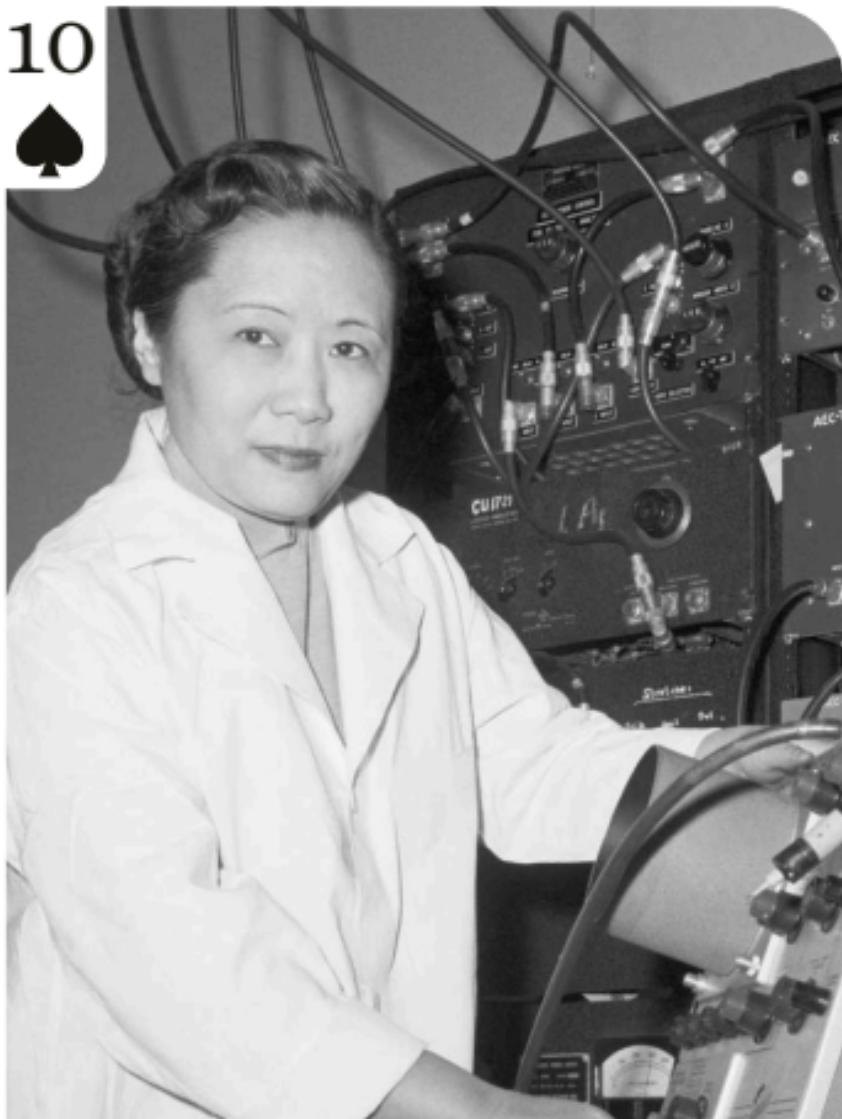


Maria Winkelmann

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Chien-Shiung Wu



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Vera Rubin

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Marie-Sophie Germain

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Marcia Barbosa



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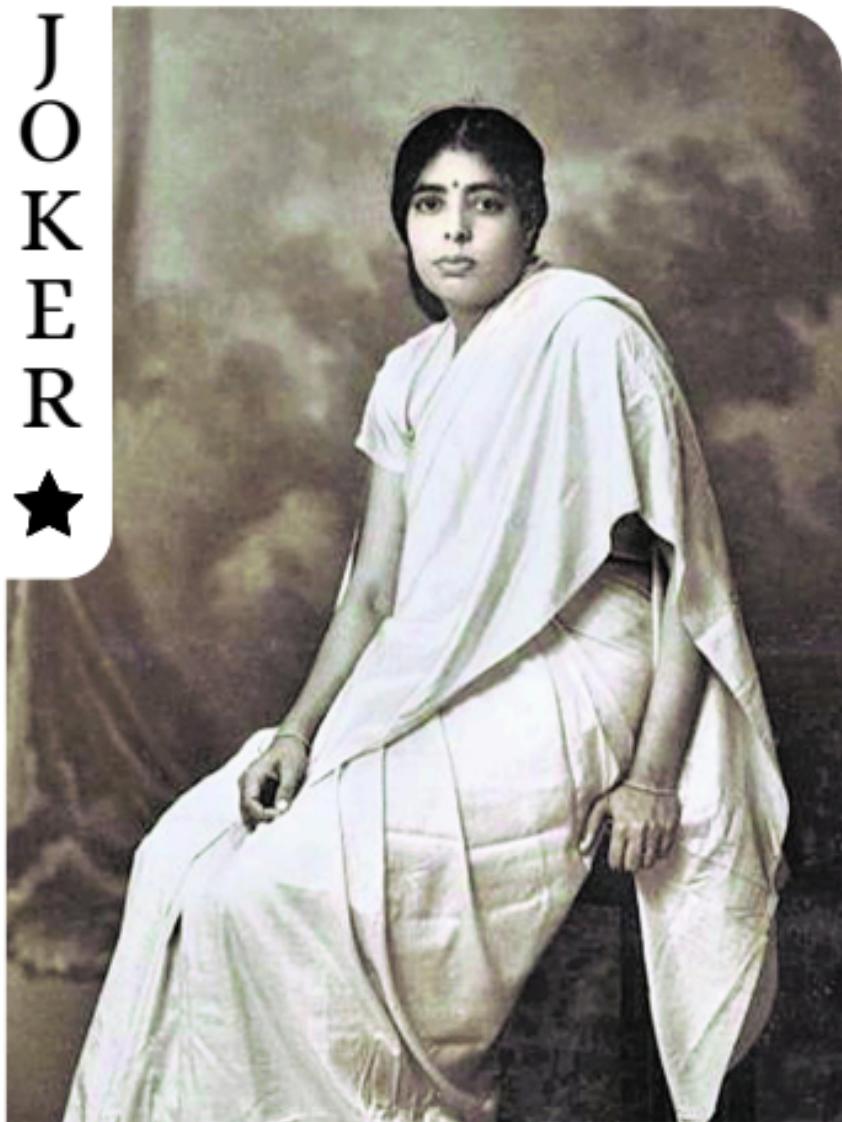
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Janaki Ammal

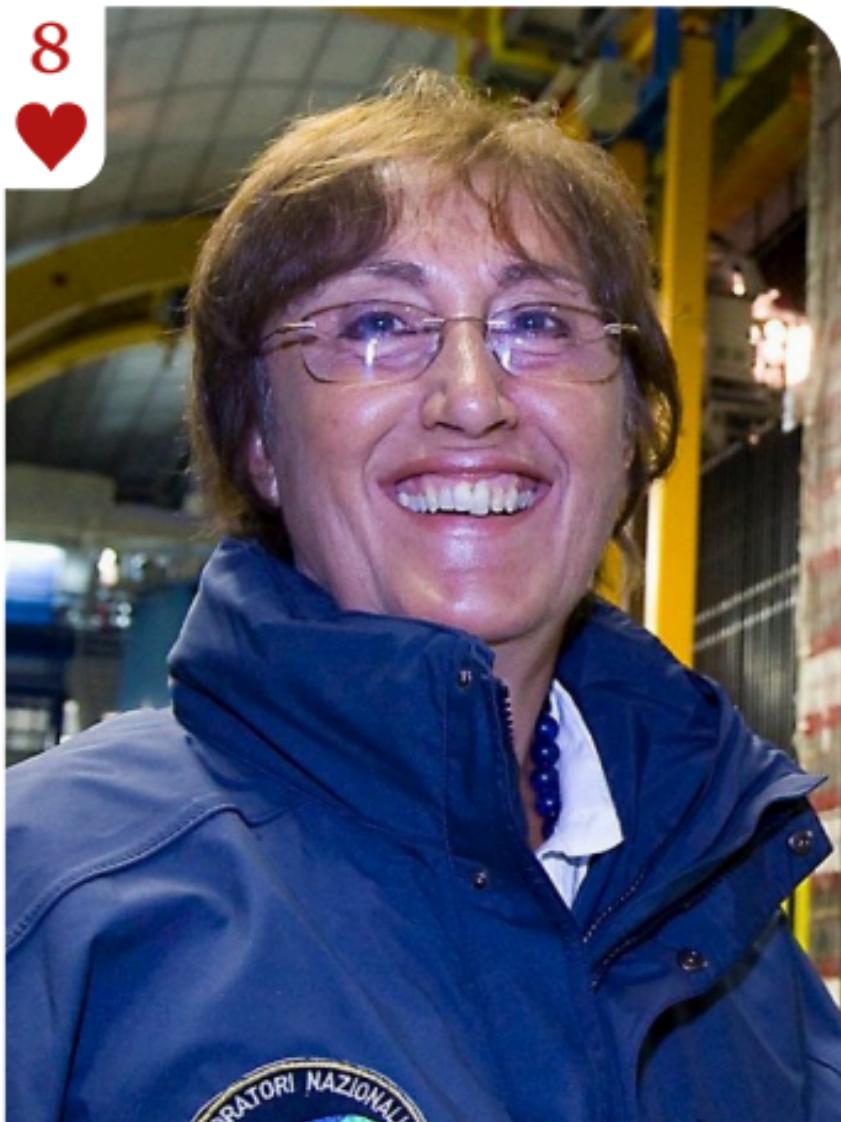




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**Lucia Votano**

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Polish naturalized French

## Physics and Chemistry

Discovered radioactivity,  
winning two Nobel Prizes

Introduced radioactivity  
concept and discovered  
new elements

Founded Curie Institutes,  
still important research  
centers

Revolutionized physics and  
chemistry with  
radioactivity discoveries

Marie Curie



## Greek-Egyptian

Mathematics, Astronomy,  
Philosophy

One of the earliest female  
mathematicians and  
philosophers

Developed the astrolabe  
and hydrometer

Her pagan beliefs led to her  
murder by a Christian mob

Symbol of philosophy and  
mathematics, resisting  
religious intolerance

Ipazia



Italian

Mathematics

First woman to write a mathematics handbook

Authored a comprehensive textbook on calculus

She declined a professorship from the Pope

Pioneered calculus and mathematics, setting standards for years

**Maria Gaetana Agnesi**



Italian

Astrophysics

First Italian woman to  
manage an astronomical  
observatory

Contributed to the understanding  
of stars' chemical compositions

Vegetarian and passionate  
about animal rights

Promoted science and civil  
rights in Italy and Europe

Margherita Hack



Italian

Astronautics, Engineering

First Italian woman in space, set record for longest spaceflight

Contributed to experiments aboard the International Space Station

Science fiction fan, often quotes favorite books from space

Role model for female astronauts, inspiring interest in space and STEM

Samantha Cristoforetti



Italian

Neuroscience

Discovered nerve growth factor, earning a Nobel Prize

Pioneered neurobiology research with implications for Alzheimer's disease

Senator for life in Italy, continued research into her 90s

Contributed to understanding neurodegenerative diseases

Rita Levi-Montalcini



Italian

Physics

First woman appointed  
Director-General of CERN

Key figure in discovering the  
Higgs boson

Trained as a pianist before  
choosing physics

Advanced particle physics,  
leading CERN and promoting  
diversity in science

Fabiola Gianotti



Italian

Physics

Directed research on  
neutrinos and dark matter  
at Gran Sasso Lab

Contributed to understanding  
neutrinos and dark matter

First woman to lead Gran  
Sasso Laboratory

Pioneer in particle physics  
and neutrino research

Lucia Votano



Italian

## Molecular Biology

Known for research on genetic diseases and stem cell therapies

Developed techniques for regenerative medicine with stem cells

Enjoys writing, has authored science books for the public

Promotes genetic research and scientific literacy

Agnese Collino



Italian

Aerospace Engineering

Lead scientist for the  
Rosetta mission to land on  
a comet

Contributed to the  
development of space  
missions

Called the 'Mother of  
Rosetta' for her role in the  
mission

Opened doors for women  
in aerospace engineering

Amalia Ercoli Finzi



Italian

Physics, Philosophy

First woman to earn a professorship in physics in Europe

Advanced Newtonian physics in Italy

Conducted experiments at home, involving her family

Broke barriers for women in academia, symbol of knowledge pursuit

Laura Bassi



German

Chemistry, Physics

Discovered the element  
rhenium, hypothesized  
nuclear fission

Proposed nuclear fission  
before it was proven

Her fission hypothesis was  
initially ignored by the  
scientific community

Opened paths in atomic  
structure understanding and  
nuclear research

Ida Noddack



Portuguese

Oncobiologist

Identified genetic mutations linked to gastric cancer

Developed molecular techniques for cancer diagnosis and treatment

Leader in gastric cancer research, translating discoveries to clinics

Improved understanding of genetic mutations, advancing cancer diagnosis

Raquel Seruca



Portuguese

Physics, material science  
and microelectronics

Pioneered research in  
transparent electronics

Developed first paper-based  
transistors

Joined Barbie's 'Girls in  
Science' program

Her innovations promote  
eco-friendly technologye

Elvira Fortunato



British

Chemist and X-ray  
crystallographer

Contributed to the  
discovery of DNA's double  
helix structure

Captured 'Photo 51', crucial for  
DNA understanding

Avid traveler, spent time  
studying coal and viruses

Revolutionized genetics and  
molecular biology with her  
discoveries

Rosalind Franklin



French

Chemist, physicist and  
politician

Discovered artificial  
radioactivity with her  
husband

Key innovations in artificial  
radioactivity research

Daughter of Marie and  
Pierre Curie, won Nobel  
Prize with her husband

Pioneered radioactivity and  
was a trailblazer for women  
in science

Irène Joliot-Curie



Portuguese

Tech entrepreneur, Angel investor and Engineer

Co-founded Talkdesk, a leading customer service software

Helped develop cloud-based solutions for customer service

Featured in Forbes 30 Under 30 list for tech innovation

Transformed customer support with AI-driven solutions

**Cristina Fonseca**



Portuguese

Immunologist, science  
leader

Advanced understanding  
of autoimmune diseases

Researched how autoimmune  
diseases impact the immune  
system

First Portuguese  
immunologist to gain  
international recognition

Her work in immunology has  
influenced research on  
autoimmune disorders

Maria de Sousa



Romanian

Biologist and physician

Founded the world's first  
Institute of Geriatrics

Developed Gerovital, an anti-  
aging treatment

Her cosmetic products are  
still in use today

Revolutionized geriatrics and  
promoted healthy aging  
treatments

Ana Aslan



Austrian-born American

Inventor

Co-developed frequency-hopping spread spectrum technology

Pioneered wireless communication technology

Also a famous Hollywood actress in the 1930s and 1940s

Her invention paved the way for modern Wi-Fi and Bluetooth

Hedy Lamarr



American

Computer scientist

Led software development  
for NASA's Apollo  
missions

Developed flight software used  
in space missions

One of the first female software  
engineers

Her work ensured the  
success of the Apollo moon  
landing

Margareth Hamilton



Danish

Seismologist and  
geophysicist

Discovered Earth's inner core  
in 1936

Analyzed seismic waves  
to uncover Earth's  
structure

Remained unmarried to focus  
on her academic career

Her discovery reshaped the  
understanding of Earth's  
composition

Inge Lehman



Italian

## Civil Engineering

First Italian to lead an Antarctic expedition

Led supervision of infrastructure works in extreme environments

Focused on using uncertainties to foster innovation

Published a book about her Antarctic experiences

Chiara Montanari



Italian

Business Administration

CEO of JLL Italy, leading real estate services

Led digital transformation strategies at Microsoft Italy

Active in non-profit causes focused on sustainability

Combines business innovation with a focus on ESG initiatives

Barbara Cominelli



Italian

## Astrophysics and Space Physics

Director of Human Flight at the European Space Agency

Led initiatives for female leadership in space exploration

Awarded by the Italian Republic for her contributions

Promotes gender equality and space exploration leadership

Simonetta Di Pippo



Italian

## Cosmic Physics and Space Astrophysics

Studied neutron stars and their emission behavior

Advanced the understanding of neutron stars and pulsars

Adjunct professor at University of Pavia since 1997

Her research shed light on the behavior of high-energy objects in space

Patrizia Caraveo



Italian

## Chemistry and Pharmaceutical Technology

Focused on microbiota's impact  
on brain function

Investigated the gut-brain  
connection in health

One of the L'Oréal-  
UNESCO 'For Women in  
Science' winners

Her studies are key to  
understanding gut health's  
role in neurological diseases

Paola Tognini



Honduran-American

Microbiology

Co-developed the Corbevax  
COVID-19 vaccine

Worked on affordable  
vaccines for developing  
countries

Nominated for the Nobel  
Peace Prize for her  
contributions

Her work has saved millions  
through affordable vaccine  
development

Maria Elena Bottazzi



Italian

## Political Science

First Italian to lead Earth observation at ESA

Developed strategies for satellite monitoring of Earth

Transitioned from diplomacy to space science leadership

Her work on Earth observation impacts environmental policies

**Simonetta Cheli**



Italian

Astronomy and Radio-astronomy

Coordinated research in gravitational wave detection

Contributed to the LIGO/Virgo gravitational wave discoveries

Her research connects astronomy with gravitational physics

Pioneer in gravitational wave astronomy, advancing multi-messenger observations

Marica Branchesi



Italian

Computer Engineering

Specialized in intellectual  
property evaluation

Developed methods for IP  
evaluation in high-tech  
fields

TEDx ambassador,  
promotes women in STEM  
fields

Advocated for women's  
entrepreneurship and  
innovation in STEM

Emilia Garito



British

Mathematics and  
Computer Science

Wrote the first algorithm for a  
computing machine

Laid foundations for  
modern computing

Daughter of poet Lord  
Byron, tutored in math  
from age 4

Her vision of computing  
went unrecognized until the  
20th century

Ada Lovelace



# American Mathematics and Space Science

Calculated trajectories for  
NASA's Apollo missions

Performed key  
calculations for Apollo 11  
and 13

Her career was depicted in  
the movie 'Hidden Figures'

Her calculations were critical  
to NASA's success in space  
exploration

## Katherine Johnson



British

## Chemistry

Determined structures of penicillin, insulin, and vitamin B12

Used X-ray crystallography to map molecular structures

Received chemistry set as a child, sparking her passion for science

Her work made insulin mass production possible, aiding diabetes treatment

Dorothy Crowfoot Hodgkin



American  
Engineer and Computer  
Scientist

Developed an algorithm to  
image black holes

Key contributor to the  
first black hole image  
captured by EHT

Had little knowledge of  
black holes when she  
started the project

Her algorithm revealed the  
first-ever image of a black  
hole

Katherine Louise Bouman



American

## Toolmaker and Inventor

Invented the first circular saw  
for sawmills

Also invented improved  
spinning wheel and false  
teeth

A member of the Shaker  
community, she focused on  
practical inventions

Her circular saw  
revolutionized woodworking  
and industrial practices

Tabitha Babbitt



American

## Computer Science and Programming

First woman to earn a PhD in computer science in the US

Helped develop the BASIC programming language

A Catholic nun, she focused on education and computers

Her work made computers accessible to a broader population

Mary Kenneth Keller



American

Real Estate Developer,  
Rancher, Inventor

Invented the first windshield  
wiper in 1903

Designed an automatic  
car window cleaning  
device

Inspired by a frosty day on  
a New York trolley car

Her invention transformed  
automotive safety but  
brought no financial gain

Mary Anderson



American  
Physicist and Chemist

Developed the first anti-  
reflective glass

Discovered a method to  
measure thin films

Worked at General Electric  
on glass coatings

Her non-reflective glass is  
used in cameras, glasses, and  
optics

Katharine Burr Blodgett



Austrian/Swedish

Physics

Key contributor to the discovery of nuclear fission

Pioneered research in nuclear physics with Otto Hahn

Fled Nazi Germany due to her Jewish heritage

Her work paved the way for nuclear energy and atomic research

Lise Meitner



American

Robotics Scientist and  
Entrepreneur

Created the first robot to  
recognize human emotions

Pioneered social robotics  
with Kismet

Focused on making robots  
accessible to everyday  
people

Her work shaped the future  
of human-robot interaction

Cynthia Breazeal



German

Engineering

Developed key satellite technologies in space systems

Contributed to autonomous satellite operations

Promotes space science outreach to younger generations

Her work in satellite systems advanced aerospace engineering capabilities

Sabine Klinker



German

Mathematics and Physics

Formulated Noether's Theorem in theoretical physics

Linked symmetries in physics with conservation laws

Known for lively, informal teaching sessions

Revolutionized both physics and mathematics with her theorem

Emmy Noether



# German-American Physics

Developed the nuclear shell model, earning a Nobel Prize

Described the arrangement of protons and neutrons in nuclei

Second woman to win a Nobel Prize in Physics after Marie Curie

Her model remains a cornerstone of nuclear physics research

## Maria Göppert



German

Chemistry

Advocated for ethical science,  
opposing chemical warfare

First German woman to  
earn a PhD in chemistry

Publicly opposed her  
husband's work on  
chemical weapons

Her life is remembered as a  
symbol of moral courage in  
science

Clara Immerwahr



German

Medicine

First woman in Germany to  
earn a medical doctorate

Advocated for women's  
access to medical  
education

She earned her degree with  
the support of her father

Paved the way for women in  
medicine and gender  
equality in academia

Dorothea Erxleben



German

Biology

Discovered the 'organizer' in  
embryonic development

Advanced the field of  
developmental biology

Made her discovery while  
still a doctoral student

Her work remains essential  
in developmental biology  
research

Hilde Mangold



German

Astronomy

Discovered a comet in 1702

One of the first women to  
make an astronomical  
discovery

Was denied a position at  
the Berlin Academy due to  
her gender

Celebrated as one of the first  
female astronomers despite  
systemic bias

Maria Winkelmann



# Chinese-American Physics

Worked on the Manhattan Project and parity violation

Disproved the law of parity in quantum mechanics

Known as the 'First Lady of Physics'

Advanced understanding of quantum mechanics and nuclear physics

## Chien-Shiung Wu



American

Astronomy

Provided the first evidence for  
dark matter

Discovered galaxies are  
surrounded by dark  
matter

Discouraged by male  
colleagues, but persisted in  
her research

Her work changed the  
understanding of the  
universe and dark matter

Vera Rubin



French

## Mathematics

Pioneered work in elasticity theory and number theory

Developed the first mathematical framework for elasticity

Corresponded with Carl Gauss under a male pseudonym

Considered a pioneer in number theory and mathematical concepts

Marie-Sophie Germain



Brazilian

Physics

Known for research on water anomalies and hydrophobic effects

Developed models explaining water molecule structures

Advocate for women in science, addressing gender imbalance

Her work applies to fields from biology to climate science

Marcia Barbosa



# Chinese Pharmacology

Discovered artemisinin, a treatment for malaria

Developed life-saving drugs, especially for tropical diseases

Studied ancient Chinese medicine to discover artemisinin

One of the most important breakthroughs in tropical medicine, earning a Nobel

Tu Youyou



Indian

Botany

Pioneered cytogenetics and  
hybridization of species

Contributed to  
biodiversity conservation  
in India

First Indian woman to earn  
a PhD in botany

Her research continues to  
influence environmental  
policies

Janaki Ammal

