

Evrim Ağacı



**WOMEN IN**  
**STEM**

2020 Calendar

# Marie Skłodowska Curie

Physicist & Chemist

France/Polish & French

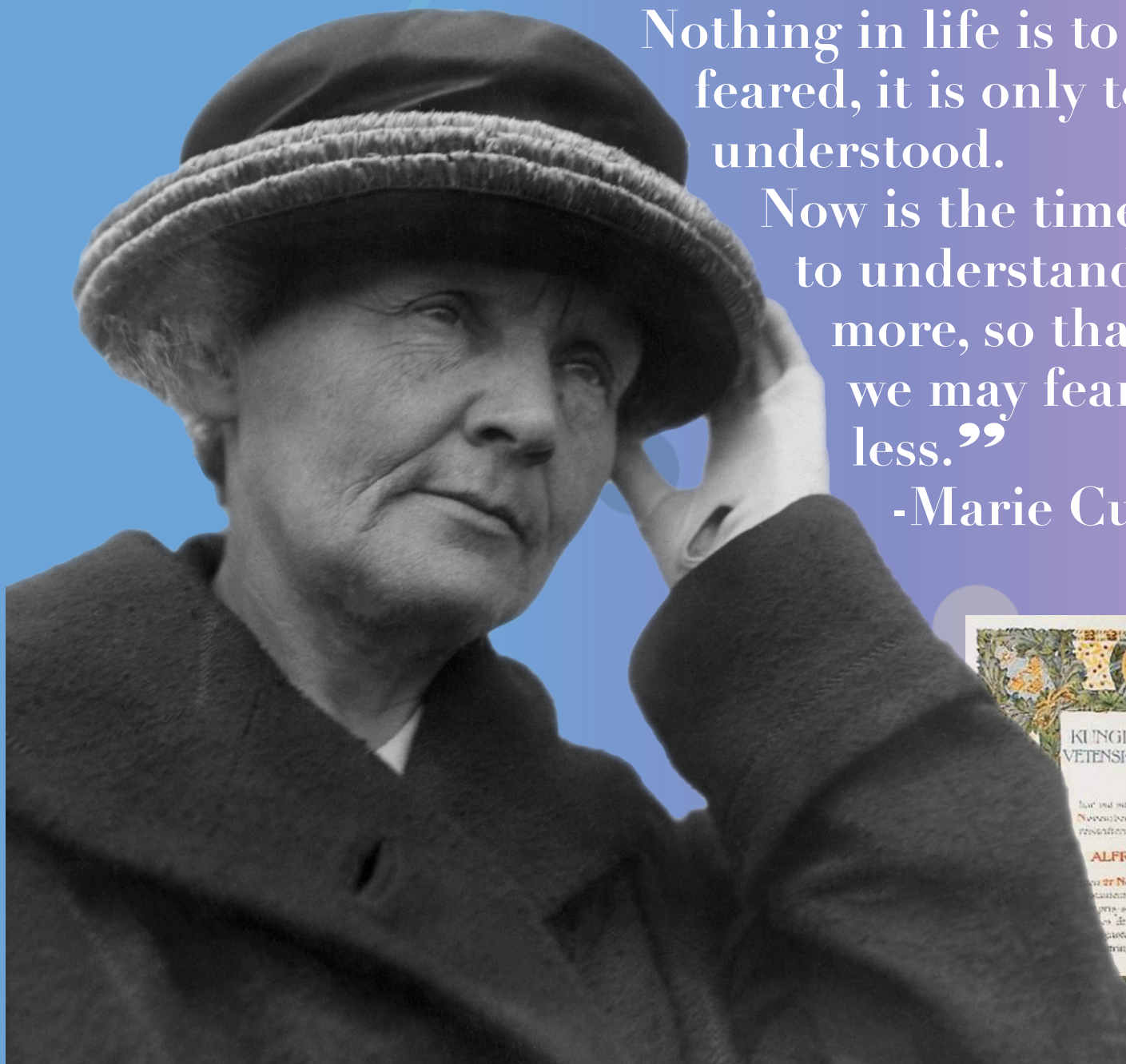
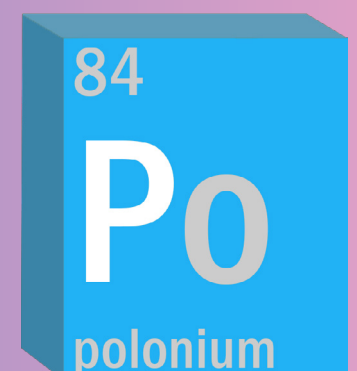
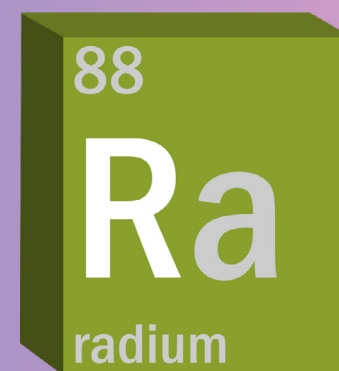
- Main Research Focus: Theory of Radioactivity
- Important Work: Polonium, Radium & Radioactivity
- Interesting Fact: 2 Nobel Prizes in Different Sciences

1867-1934

“Nothing in life is to be feared, it is only to be understood.

Now is the time to understand more, so that we may fear less.”

-Marie Curie



# January 2020

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Evrım Ağacı has a mobile app for Android & Apple devices.



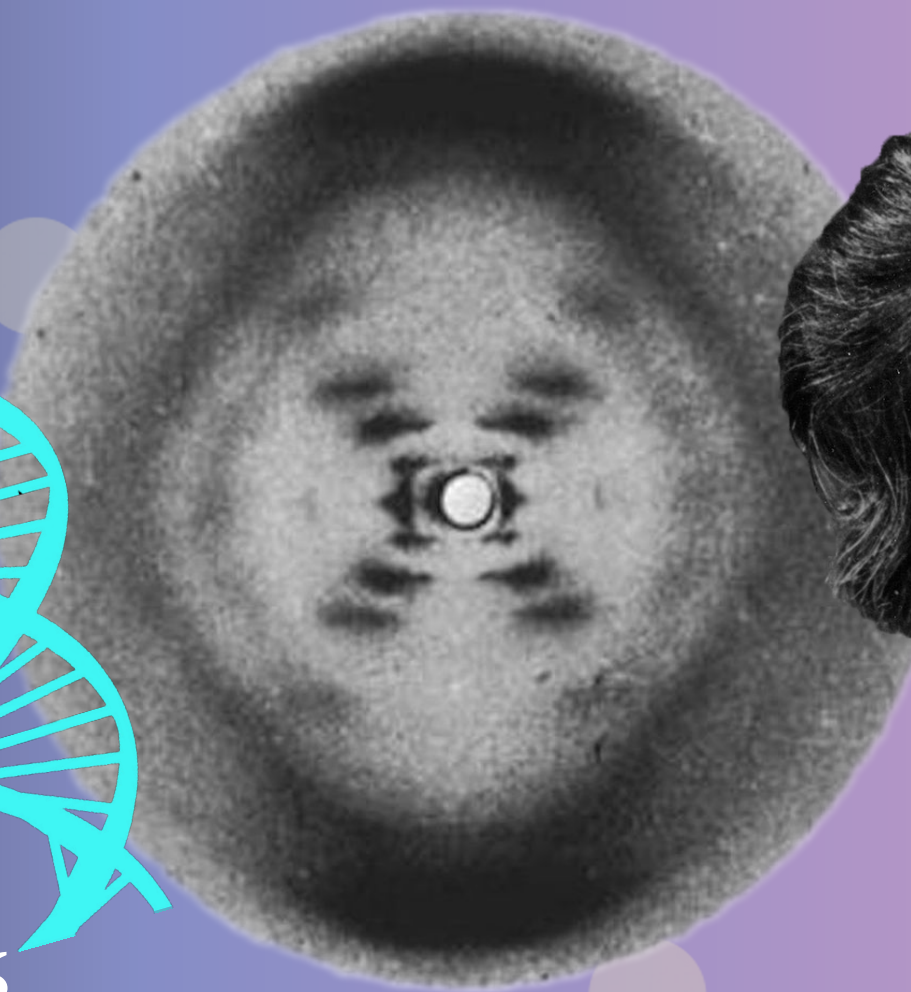
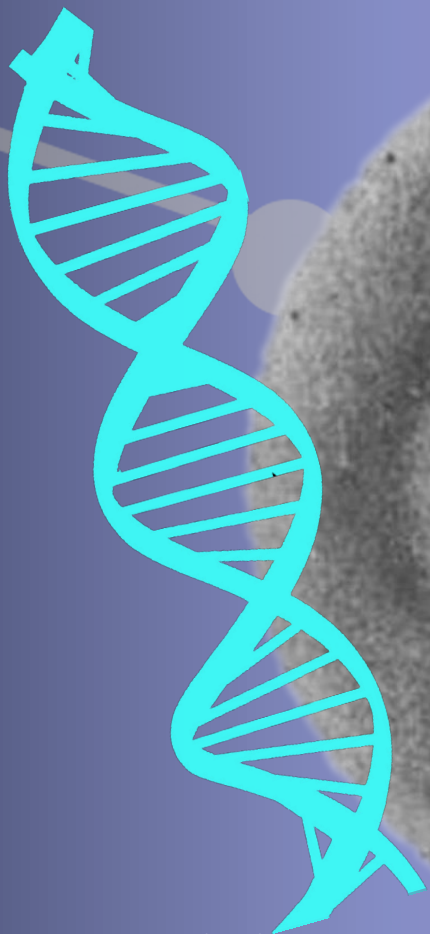
# Rosalind Elsie Franklin

Chemist & X-ray Crystallographer

United Kingdom/English

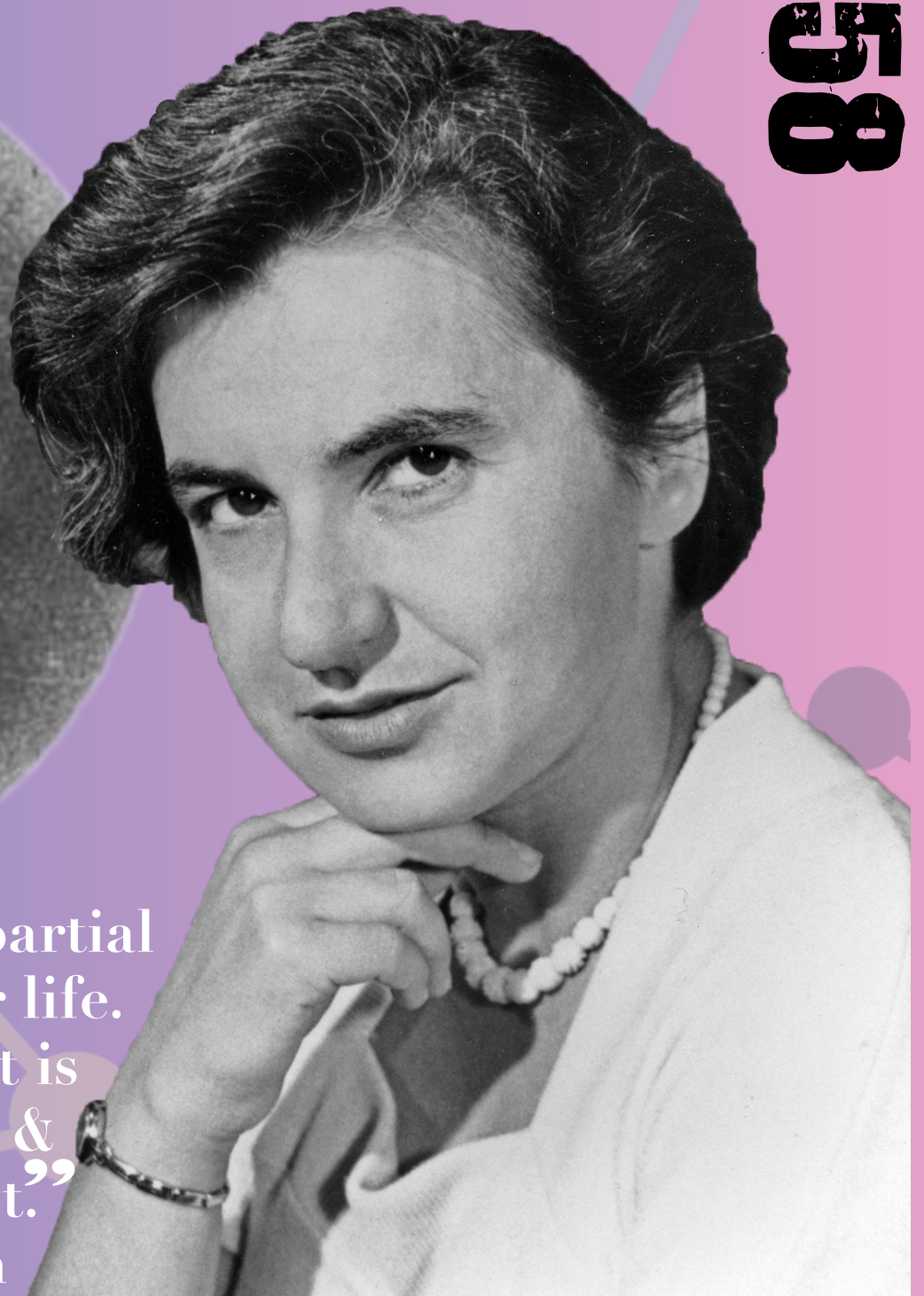
- Main Research Focus: X-ray Crystallography
- Important Work: Structure of DNA
- Interesting Fact: Mars Rover Namesake

1920-1958



“Science, for me, gives a partial explanation for life. In so far as it goes, it is based on fact, experience & experiment.”

-Rosalind Franklin





# February 2020

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Evrin Ağacı has a YouTube channel with almost half a million subscribers. Subscribe to not miss weekly science videos.

# Lynn Margulis

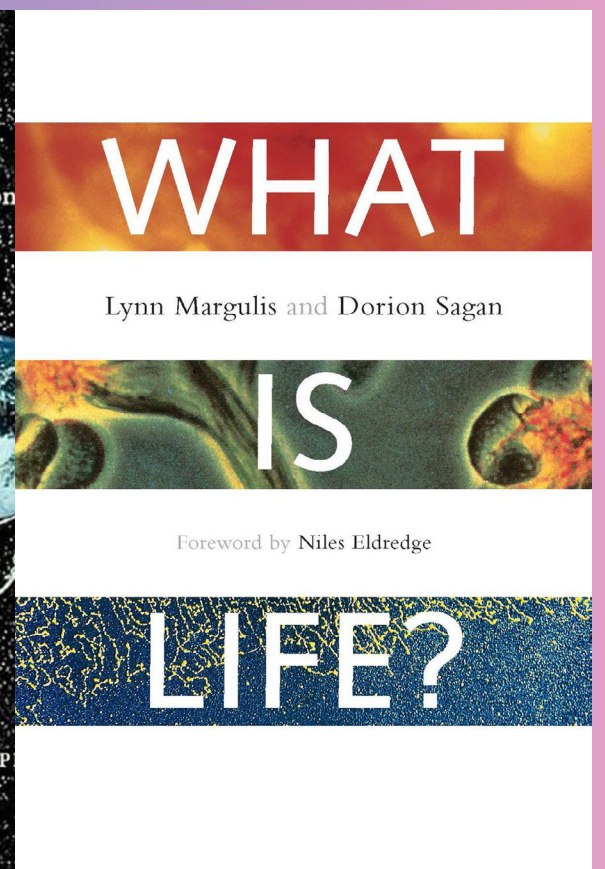
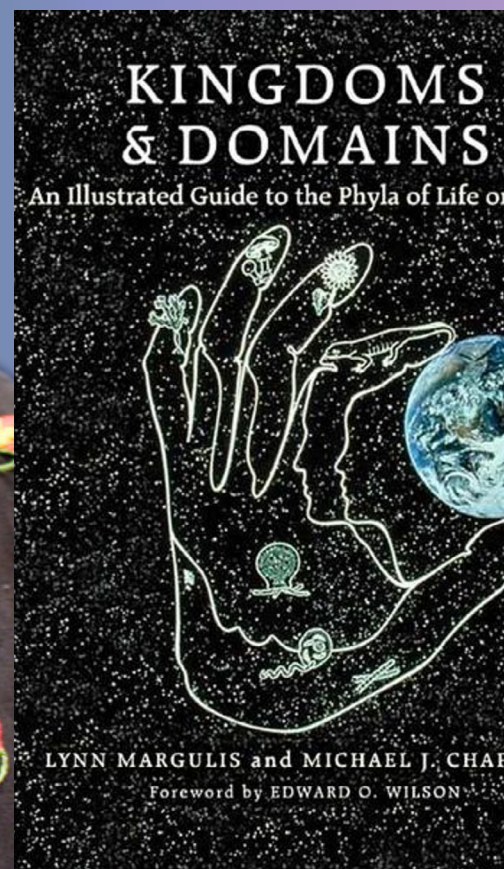
Evolutionary Theorist & Biologist

United States/American

- Main Research Focus: Evolutionary Biology
- Important Work: Symbiosis in Evolution
- Interesting Fact: Awarded Darwin-Wallace Medal

1938-2011

“Life did not take over the world by combat, but by networking.”  
-Lynn Margulis



# March 2020

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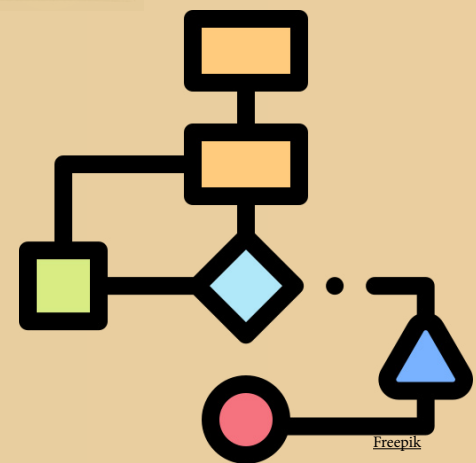
Evrin Ağacı has a Q&A section where science enthusiasts can interact through asking or answering questions.



United Kingdom/English

Interesting Fact: Considered the Mother of Computers

100-15-100-2



# April 2020

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Evrin Ağacı has an online store where you can find T-shirts, books, cups, & other merchandise related to science.



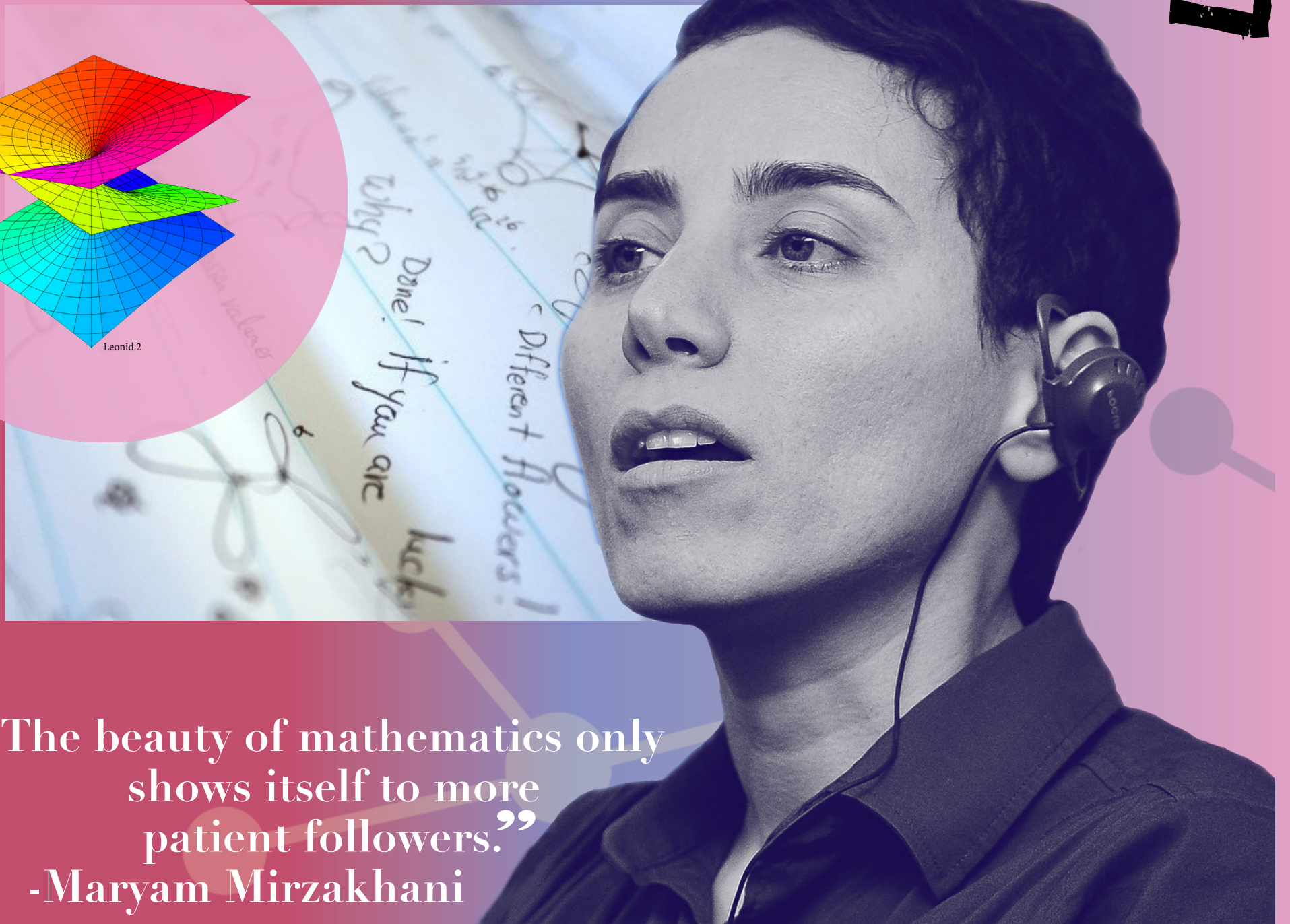
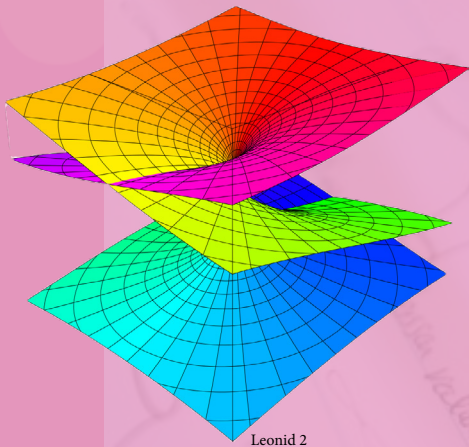
# Maryam Mirzakhani

Mathematician

Iran/Iranian

1977-2017

- Main Research Focus: Hyperbolic Surfaces
- Important Work: Symplectic Geometry
- Interesting Fact: 1<sup>st</sup> & only woman to win Fields Medal



“The beauty of mathematics only shows itself to more patient followers.”  
-Maryam Mirzakhani



# May 2020

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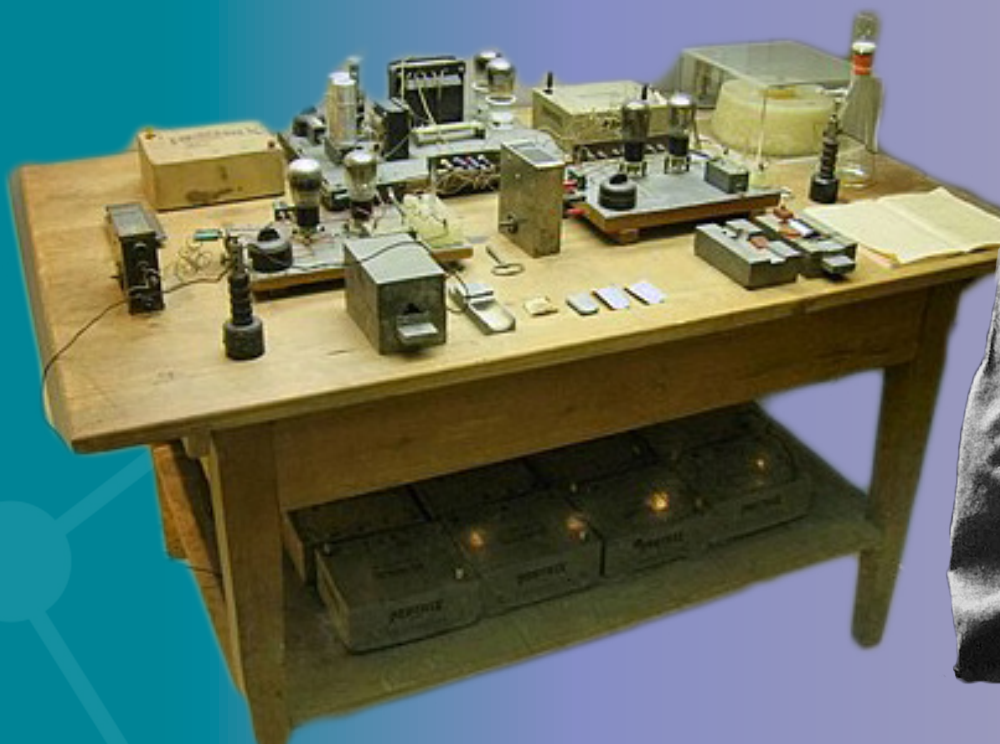
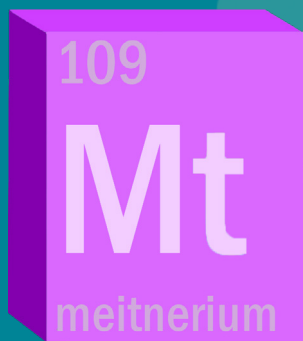
Evrin Ağacı created a nature observation project called the “Tree of Life” in which Turkish photographers, scientists, & science enthusiasts can classify species on an interactive evolutionary tree.

# Lise Meitner

Physicist

Sweden/Austrian & Swedish

- Main Research Focus: Nuclear Physics
- Important Work: Uranium Nuclear Fission
- Interesting Fact: Meitnerium Chemical Namesake



“Science makes people reach selflessly for truth & objectivity; it teaches people to accept reality, with wonder and admiration, not to mention the deep awe and joy that the natural order of things brings to the true scientist.”

-Lise Meitner



1878-1968

# June 2020

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# Barbara McClintock

Cytogeneticist

United States/American

- Main Research Focus: Cytogenetics
- Important Work: Chromosomal Maize
- Interesting Fact: 1<sup>st</sup> woman to win unshared Nobel Prize

1902-1992



“If you know you are on the right track, if you have this inner knowledge, then nobody can turn you off... no matter what they say..”  
-Barbara McClintock

# July 2020

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Evrin Ağacı has been involved in the fact-checking movement since 2012.



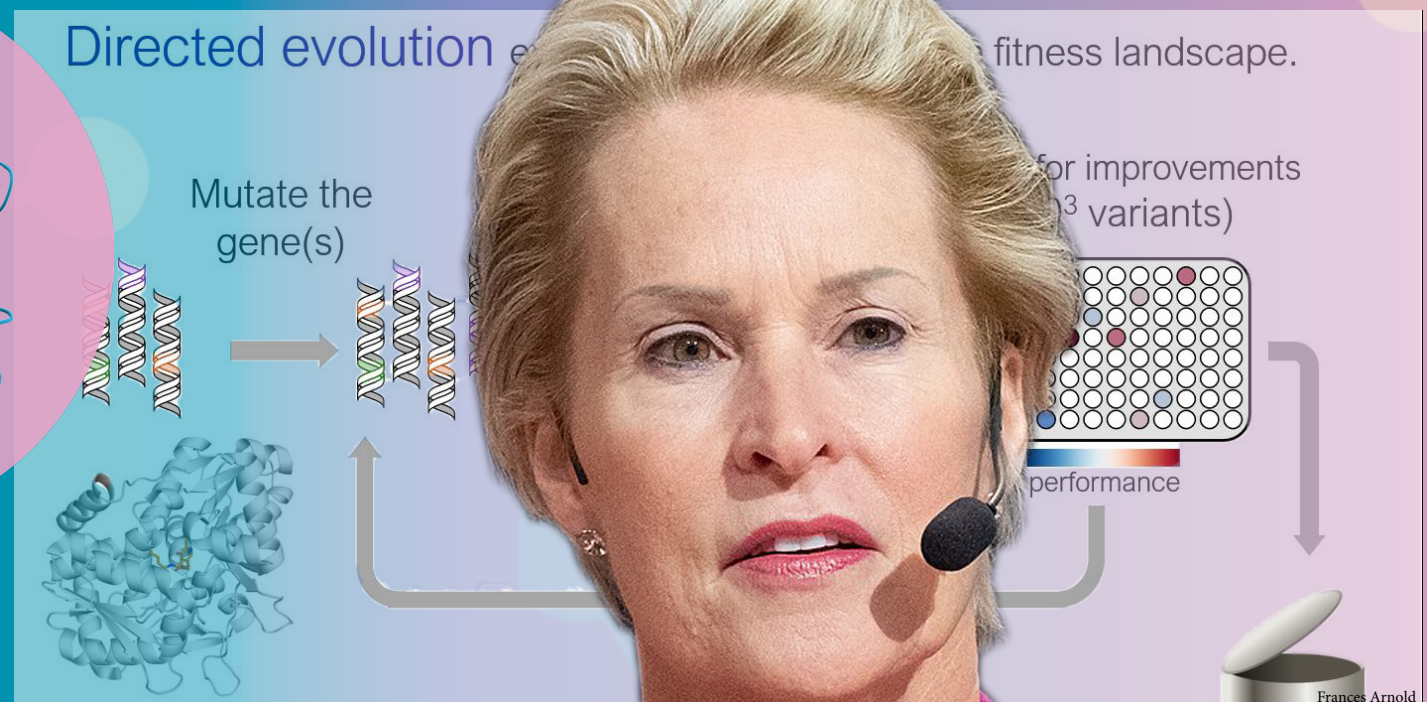
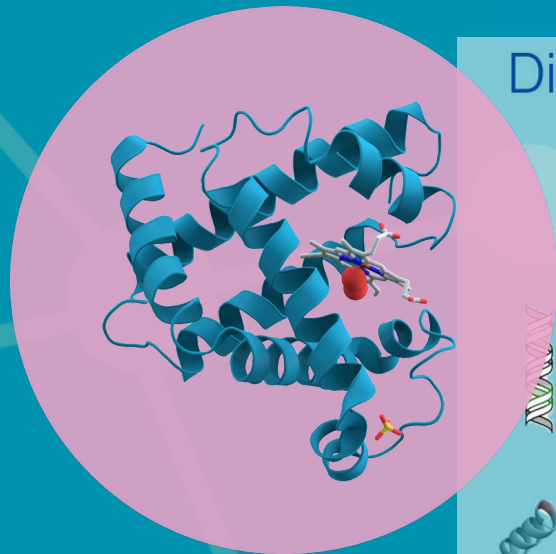
# Frances Hamilton Arnold

Chemical Engineer

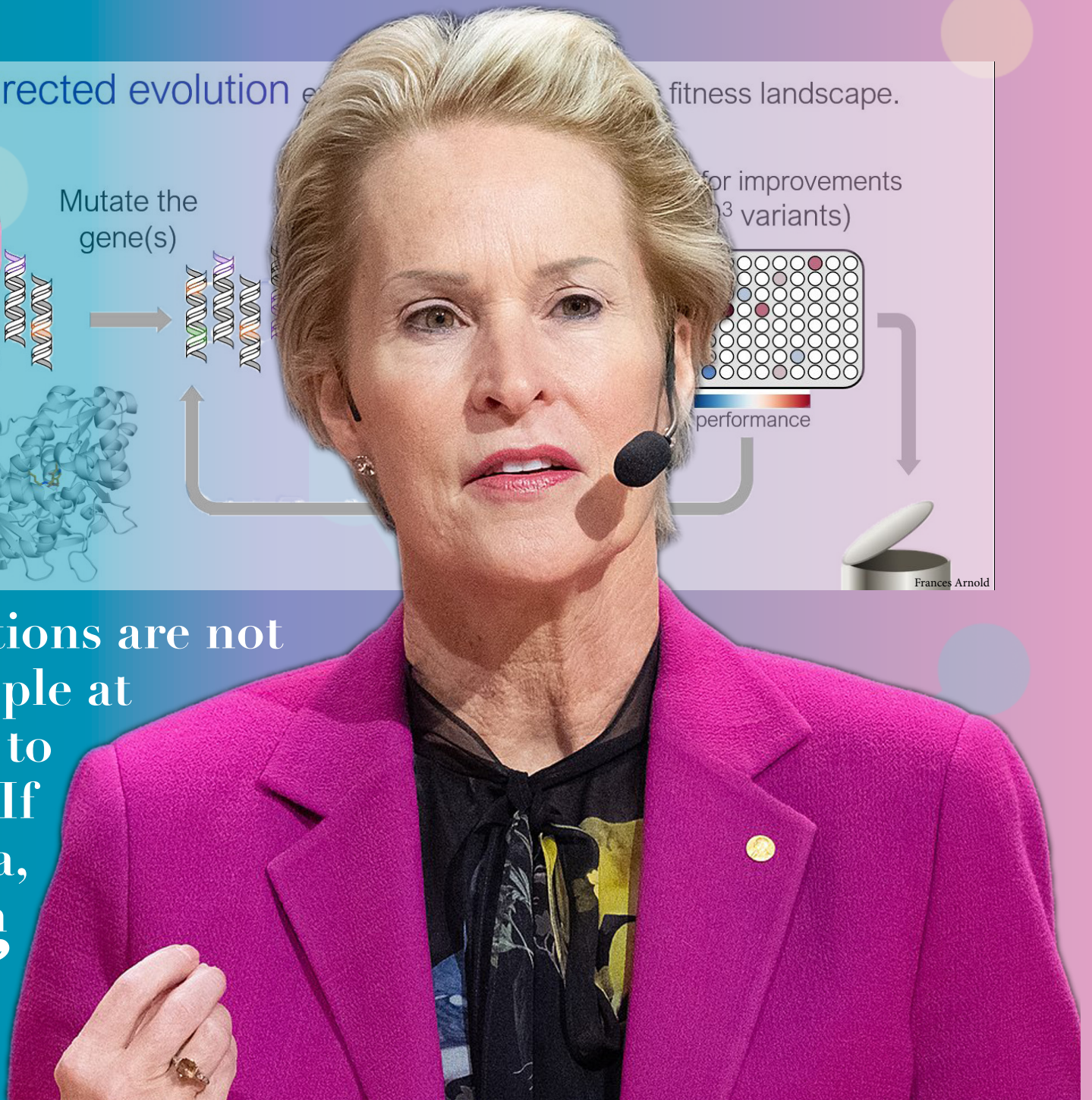
United States/American

1950

- Main Research Focus: Protein Engineering
- Important Work: Directed Evolution
- Interesting Fact: Won the 2018 Nobel Prize in Chemistry



“Most innovations are not obvious to other people at the time. You have to believe in yourself. If you’ve got a good idea, follow it even when others say it’s not.”  
-Frances Arnold





# August 2020

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National Aviation Day



Evrin Ağacı has one of the largest popular science collections (especially on evolution) available for free. You can read the most important & educational articles in the “Evrin Ağacı Academy” project.

# Canan Dağdeviren

Material Science Engineer

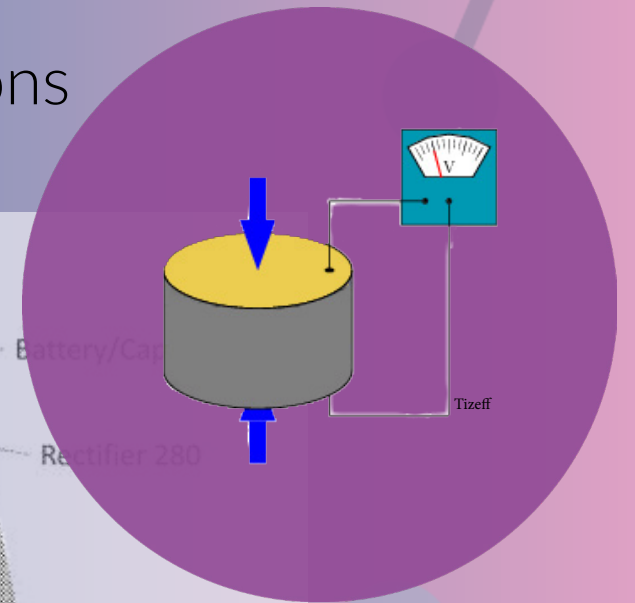
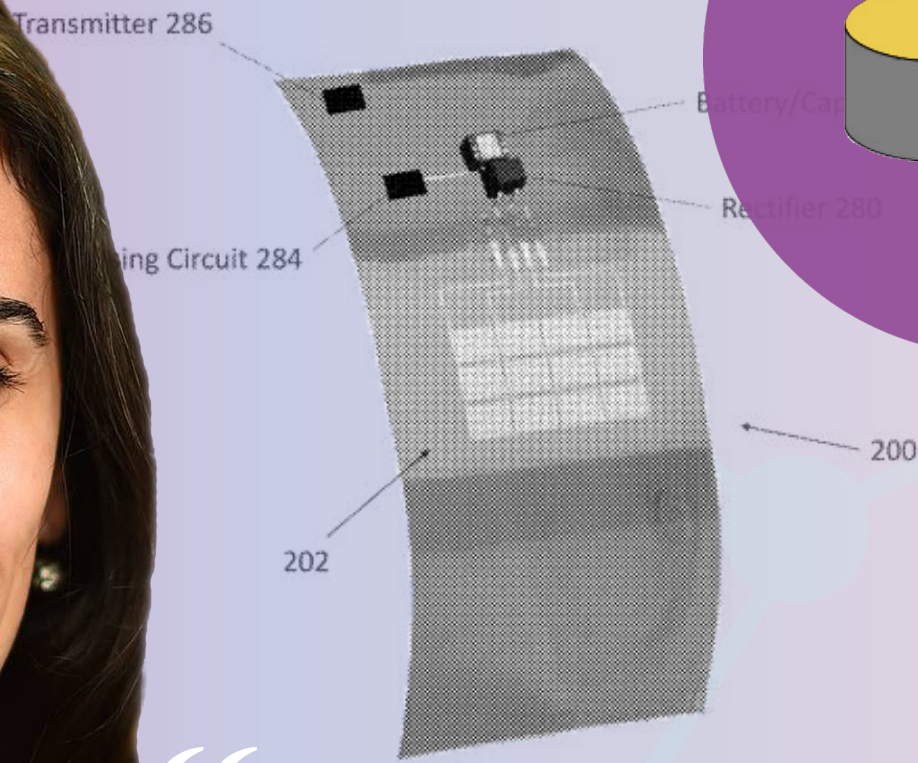
Turkey/Turkish

1985

- Main Research Focus: Health Outcomes
- Important Work: Piezoelectric Energy
- Interesting Fact: Has addressed the United Nations



Canan Dağdeviren



“Independent of your field, if you do it with science then it is a profound revolution. We need fearless and free revolution in each and every field more than ever now.”  
-Canan Dağdeviren

# September 2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
August 2020 S M T W T F S <div>12345678910111213141516171819202122232425262728293031</div>	October 2020 S M T W T F S <div>12345678910111213141516171819202122232425262728293031</div>	1	2	3	4	5
6	7 Labor Day	8	9	10	11	12
13	14	15	16	17	18	19
Grandparents Day						
20	21 World Peace Day	22 Autumn Begins	23	24	25	26 International Observe the Moon Night
27	28	29	30			



Evrin Ağacı has its own podcast platform, as well as releasing regular podcasts on Spotify, iTunes, & Google Podcasts.



# Feryal Özel

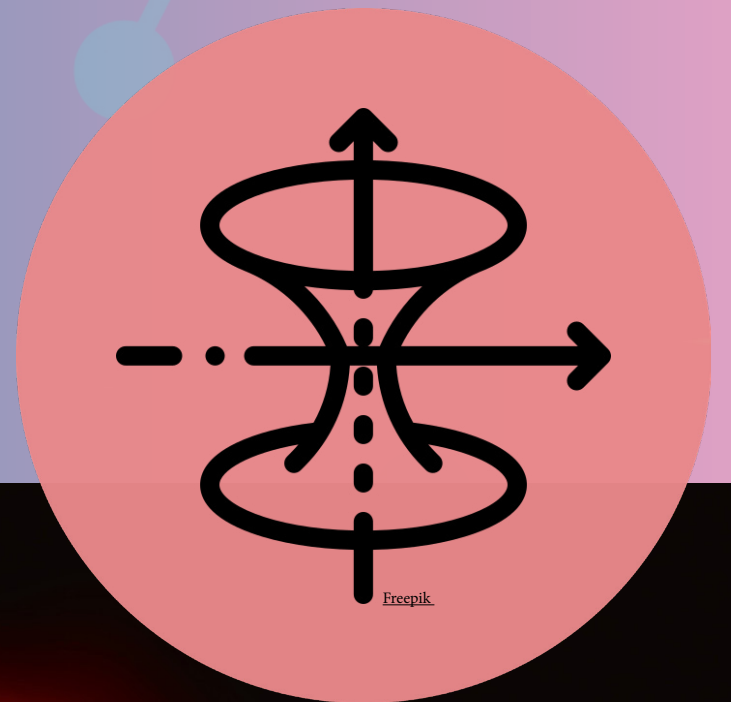
Astrophysicist

Turkey & United States/Turkish & American

1975

- Main Research Focus: Astrophysical Phenomena
- Important Work: Neutron Stars & Black Holes
- Interesting Fact: Helped Capture 1<sup>st</sup> image of Black Hole

“Science takes you  
to places, widens  
your horizon, and  
makes things  
possible.”  
-Feryal Özel



# October 2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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	Nobel Prize Announcements				Manufacturing Day	
4	5	6	7	8	9	10
National Metric Week World Space Week	World Teachers' Day					
11	12	13	14	15	16	17
Earth Science Week International Day of the Girl Child						
18	19	20	21	22	23	24
National Chemistry Week					Mole Day	
25	26	27	28	29	30	31



Evrin Ağacı has a Patreon account that you can use to support the platform!



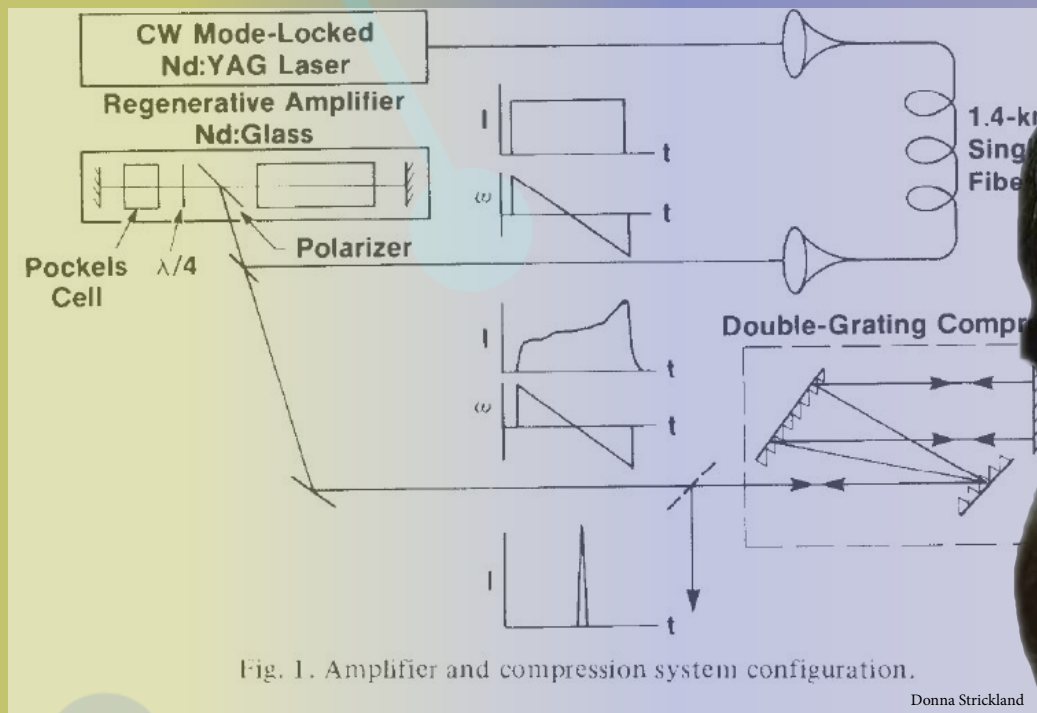
# Donna Theo Strickland

Optical Physicist

Canada/Canadian

1959

- Main Research Focus: Pulsed Lasers
- Important Work: Chirped Pulse Amplification
- Interesting Fact: Won the 2018 Nobel Prize in Physics



“If somebody else thinks something that you don't believe in, just think they're wrong and you're right and keep going. That's pretty much the way I always think.”

-Donna Strickland





# November 2020

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	Fibonacci Day	Evolution Day																																																																																									
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Evrim Ağacı was founded in Turkey in 2010, it currently serves millions of science enthusiasts from all around the world.

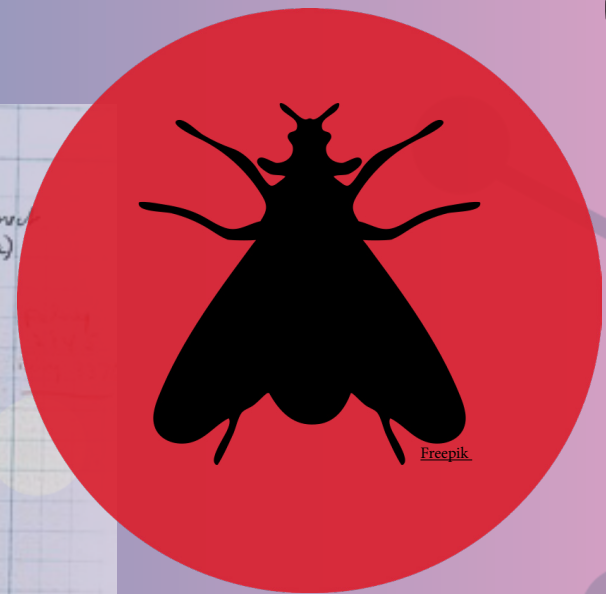
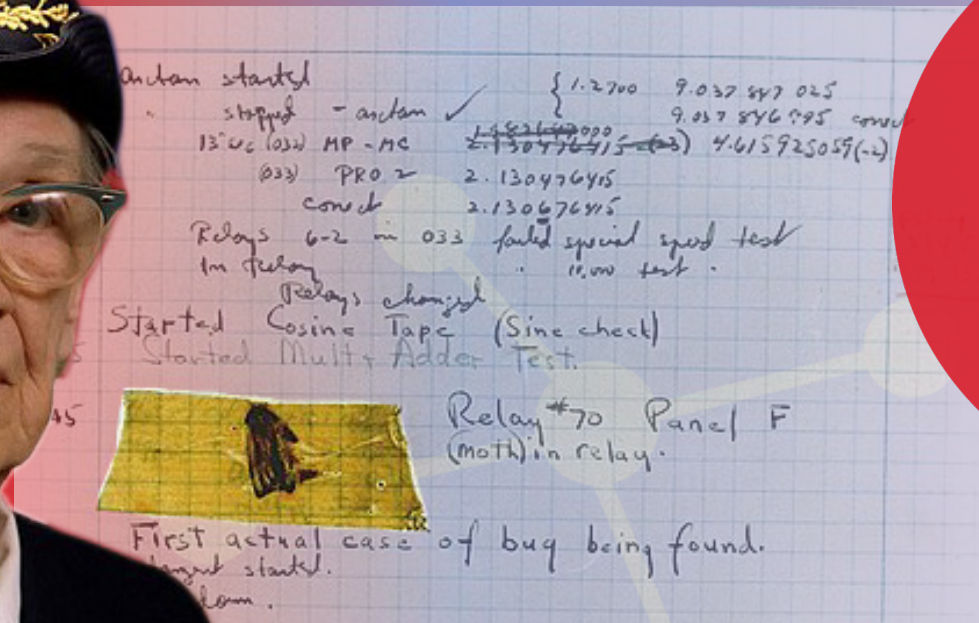
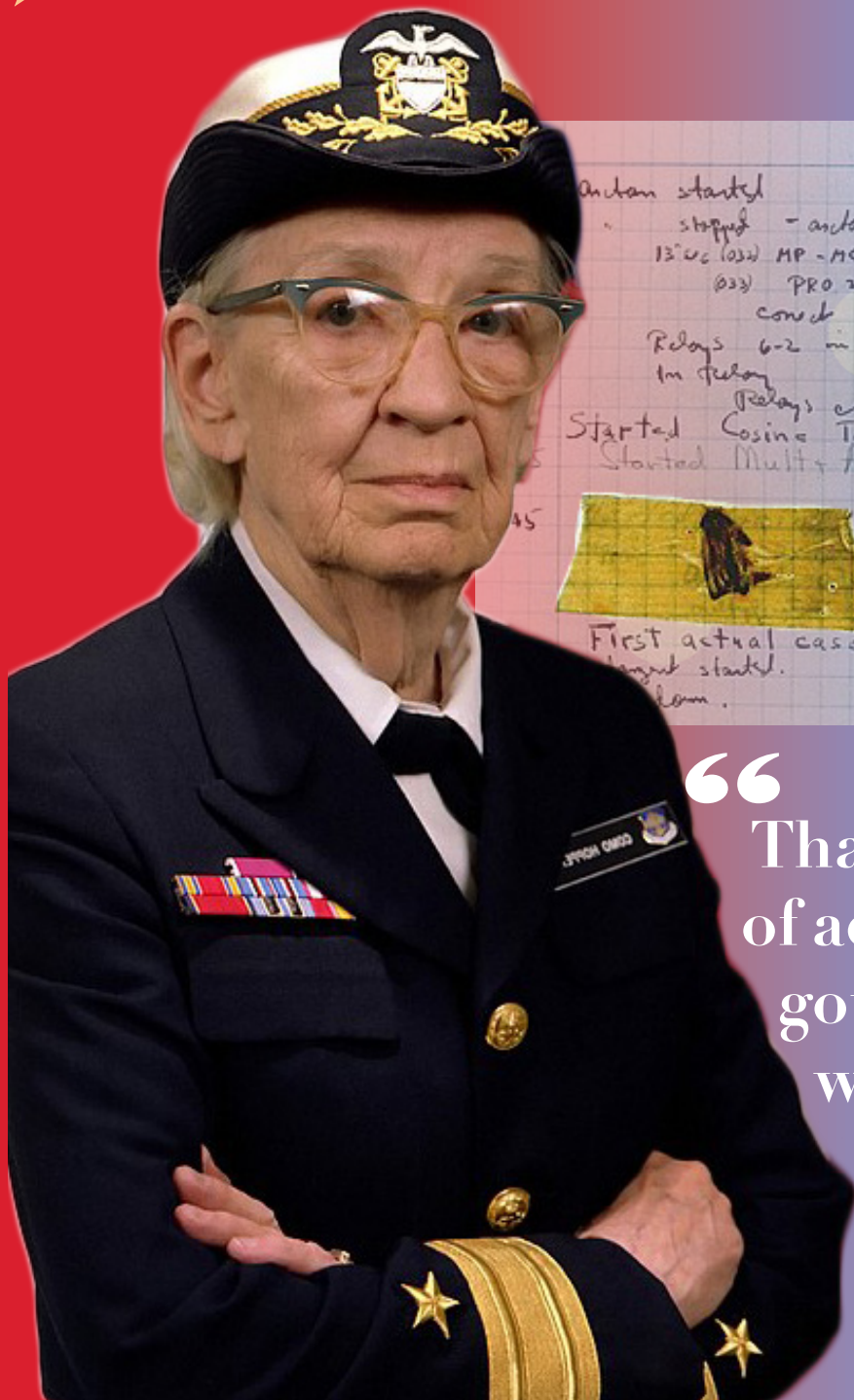
# Grace Brewster Murray Hopper

Computer Scientist

United States/American

1906-1992

- Main Research Focus: Programming Languages
- Important Work: Compiler Tools
- Interesting Fact: Termed the Word for Computer “Bug”



“

That brings me to the most important piece of advice that I can give to all of you: if you've got a good idea, and it's a contribution, I want you to go ahead and DO IT. It is much easier to apologize than it is to get permission.”

-Grace Hopper

# December 2020

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Evrım Ağacı is the 1<sup>st</sup> science platform in Turkey that aims to bring scientists & science enthusiasts together under the same roof. Become a free member today!



**Marie Skłodowska Curie**  
Physicist & Chemist  
Poland/Polish & French  
1867-1934

Main Research Focus: Theory of Radioactivity  
Important Work: Polonium, Radium & Radioactivity  
Interesting Fact: 2 Nobel Prizes in Different Sciences

“Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less.”  
-Marie Curie

**Rosalind Elsie Franklin**  
Chemist & X-ray Crystallographer  
United Kingdom/English  
1920-1958

Main Research Focus: X-ray Crystallography  
Important Work: Structure of DNA  
Interesting Fact: Mars Rover Namesake

“Science, for me, gives a partial explanation for life. In so far as it goes, it is based on fact, experience, and experiment.”  
-Rosalind Franklin

**Lynn Margulis**  
Evolutionary Theorist & Biologist  
United States/American  
1938-2011

Main Research Focus: Evolutionary Biology  
Important Work: Symbiosis in Evolution  
Interesting Fact: Awarded Darwin-Wallace Medal

“Life did not take over the world by combat, but by networking.”  
-Lynn Margulis

**Augusta Ada King, Countess of Lovelace**  
Mathematician & Writer  
United Kingdom/English  
1815-1852

Main Research Focus: Computing Machine  
Important Work: Analytical Engine  
Interesting Fact: Considered the Mother of Computers

“The more I study, the more insatiable do I feel my genius for it to be.”  
-Ada Lovelace

**Maryam Mirzakhani**  
Mathematician  
Iran/Iranian  
1977-2017

Main Research Focus: Hyperbolic Surfaces  
Important Work: Symplectic Geometry  
Interesting Fact: 1st & only woman to win Fields Medal

“The beauty of mathematics only shows itself to some patient followers.”  
-Maryam Mirzakhani

**Lise Meitner**  
Physicist  
Swedish/Austrian & Swedish  
1878-1968

Main Research Focus: Nuclear Physics  
Important Work: Uranium Nuclear Fission  
Interesting Fact: Mendelevium Chemical Namesake

“Science makes people reach selflessly for truth & objectivity; it teaches people to accept reality with wonder and admiration, and to mention the deity and joy that the natural order of things brings to the true scientist.”  
-Lise Meitner

**Barbara McClintock**  
Cytogeneticist  
United States/American  
1902-1992

Main Research Focus: Cytogenetics  
Important Work: Chromosomal Maize  
Interesting Fact: 1st woman to win unshared Nobel Prize

“If you know you are on the right track, if you have this inner knowledge, then nobody can turn you off... no matter what they say.”  
-Barbara McClintock

**Frances Hamilton Arnold**  
Chemical Engineer  
United States/American  
1956

Main Research Focus: Protein Engineering  
Important Work: Directed Evolution  
Interesting Fact: Won the 2018 Nobel Prize in Chemistry

“Most innovations are not obvious to other people at the time. You have to believe in yourself. If you've got a good idea, follow it even when others say it's not.”  
-Frances Arnold

**Canan Dağdeviren**  
Material Science Engineer  
Turkey/Turkish  
1985

Main Research Focus: Health Outcomes  
Important Work: Piezoelectric Energy  
Interesting Fact: Has addressed the United Nations

“Independent of your field, if you do it with science then it is a profound revolution. We need fearless and free revolution in each and every field more than ever now.”  
-Canan Dağdeviren

**Feryal Özel**  
Astrophysicist  
Turkey & United States/Turkish & American  
1975

Main Research Focus: Astrophysical Phenomena  
Important Work: Neutron Stars & Black Holes  
Interesting Fact: Helped Capture 1st Image of Black Hole

“Science takes you in places, widens your horizon, and makes things possible.”  
-Feryal Özel

**Donna Theo Strickland**  
Optical Physicist  
Canada/Canadian  
1959

Main Research Focus: Pulsed Lasers  
Important Work: Chirped Pulse Amplification  
Interesting Fact: Won the 2018 Nobel Prize in Physics

“If somebody else thinks something that you don't believe in, just think they're wrong and keep going. That's pretty much the way I always think.”  
-Donna Strickland

**Grace Brewster Murray Hopper**  
Computer Scientist  
United States/American  
1906-1992

Main Research Focus: Programming Languages  
Important Work: Compiler Tools  
Interesting Fact: Termed the Word for Computer “Bug”

“That brings up to the most important piece of advice that I can give to all of you: if you've got a good idea, and it's a contribution, I want you to go ahead and DO IT. It is so much easier to apologize than it is to get permission.”  
-Grace Hopper

**Augusta Ada King, Countess of Lovelace**  
Mathematician & Writer  
United Kingdom/English  
1815-1852

Main Research Focus: Computing Machine  
Important Work: Analytical Engine  
Interesting Fact: Considered the Mother of Computers

“The more I study, the more insatiable do I feel my genius for it to be.”  
-Ada Lovelace

**April 2020**

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	March 2020 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	May 2020 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
Yuri's (Gagarin) Night	20	21	22	23	24	25
26	27	28	Earth Day	30	Arbor Day	

Global Astronomy Month  
Mathematics & Statistics Awareness Month

Yuri's (Gagarin) Night

Earth Day

Arbor Day

QR Code: Evrim Ağacı has an online store where you can find T-shirts, books, cups, & other merchandise related to science.

This calendar is inspired by women and their work in science, technology, engineering, and mathematics. While we are limited to 12 individuals, we look forward to introducing you to women in history and those that are making history right now.

Many of these women's work were not appreciated or touted as a success until many years after their death. It gives us hope that greater numbers of women are able to live in safe and stable environments that allow for education, adequate healthcare, support and encouragement from family and society, and representation than ever before.

**EVİRİM AĞACI**  
[evrimagaci.org](http://evrimagaci.org)