



## Leading Edge Tech Women of History - WHM 2023

Welcome to **Leading Edge Tech**! We are an organization that specializes in providing technology information, tips, updates, and news!

In honor of Women's History Month 2023, we are posting information about specific women in history - below are resources about each of the women that we have posted about!

Be sure to follow our Instagram, [@leadingedge.tech!](https://www.instagram.com/leadingedge.tech/)

Leading Edge Tech is providing resources (below) to learn more about the women we have posted about on our Instagram; feel free to check it all out!!

We've also started a Women's History Month 2023 project for the rest of the month - check out how to get involved!

In honor of Women's History Month 2023, fill out the following form to participate in the Women's History Month 2023 Project from Leading Edge Tech:

<https://forms.gle/au0XeqqWge3D55KZA>

**NOW CLOSED, THANK YOU FOR YOUR RESPONSES :)**

Project Instagram Post for more Info: <https://www.instagram.com/p/CpqGXccJneE/>

We're so glad you want to get involved! Below are some additional resources!



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## Radia Perlman

★ Instagram Post Link:

[https://www.instagram.com/p/CqB27IEJcKl/?utm\\_source=ig\\_web\\_copy\\_link](https://www.instagram.com/p/CqB27IEJcKl/?utm_source=ig_web_copy_link)

Radia Perlman is a network engineer and computer programmer who developed many networking algorithms used in modern internet systems today.

## Learn more:

- <https://www.theatlantic.com/technology/archive/2014/03/radia-perlman-dont-call-me-the-mother-of-the-internet/284146/>
- <https://lemelson.mit.edu/resources/radia-perlman>
- <https://leahycenterblog.champlain.edu/2022/03/30/pioneers-in-tech-radia-perlman/>
- <https://science.howstuffworks.com/innovation/big-thinkers/mother-of-internet.htm>
- <https://research.com/u/radia-j-perlman>
- Research (IEEEprofile):  
<https://ieeexplore.ieee.org/author/37284372700>

## Videos:

- [https://www.youtube.com/watch?v=LgbhWUVx\\_ts](https://www.youtube.com/watch?v=LgbhWUVx_ts)
- [https://www.youtube.com/watch?v=qXz\\_RxBFQ20](https://www.youtube.com/watch?v=qXz_RxBFQ20)
- [https://www.youtube.com/watch?v=pFemH\\_NM7jM](https://www.youtube.com/watch?v=pFemH_NM7jM)
- [https://www.youtube.com/watch?v=Dn2HRz\\_rtZI](https://www.youtube.com/watch?v=Dn2HRz_rtZI)
- <https://www.youtube.com/watch?v=LcMnGx68LxE>





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## Florence Nightingale

★ Instagram Post Link:

[https://www.instagram.com/p/CqHEdi1Nxav/?utm\\_source=ig\\_web\\_copy\\_1ink](https://www.instagram.com/p/CqHEdi1Nxav/?utm_source=ig_web_copy_1ink)

Florence Nightingale was a British nurse, social reformer, and statistician. She made major contributions towards sanitation in modern nursing and used her knowledge of mathematics and statistics to encourage better hygiene practices.

### Learn more:

- <https://www.sciencemuseum.org.uk/objects-and-stories/florence-nightingale-pioneer-statistician>
- <https://www.identifymedals.com/article/florence-nightingale-the-life-and-medals-of-the-lady-with-the-lamp/>
- <https://www.britannica.com/biography/Florence-Nightingale>
- <https://www.history.com/topics/womens-history/florence-nightingale-1>
- <https://time.com/5835150/florence-nightingale-legacy-nurses/>
- <https://www.smithsonianmag.com/history/the-worlds-most-famous-nurse-florence-nightingale-180974155/>
- Direct Sources and Documents:  
<https://www.nationalarchives.gov.uk/education/resources/florence-nightingale/>

### Videos:

- <https://www.youtube.com/watch?v=B94Zf4Vye3Y>
- <https://www.youtube.com/watch?v=q9hB5QWcrCM>
- <https://www.youtube.com/watch?v=o0FWqD10YYs>
- <https://www.youtube.com/watch?v=65rPhLeEXpc>
- <https://www.youtube.com/watch?v=yWs0t1YRpEc>





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## Roberta Bondar

★ Instagram Post Link:

[https://www.instagram.com/p/CqHEdi1Nxav/?utm\\_source=ig\\_web\\_copy\\_1  
ink](https://www.instagram.com/p/CqHEdi1Nxav/?utm_source=ig_web_copy_1&ink)

Roberta Bondar is a Canadian astronaut, neurologist, and consultant. She is the first Canadian woman in space and the first neurologist in space. With her space travel, she conducted experiments in the International Microgravity Laboratory.

## Learn more:

- <https://www.robertabondar.com/physician-and-scientist.html>
- <https://www.britannica.com/biography/Roberta-Bondar>
- <https://www.canadaswalkoffame.com/inductee/roberta-bondar>
- <https://therobertabondarfoundation.org/about-roberta/>
- <https://www.nsb.com/speakers/roberta-bondar/>
- <https://www.thecanadianencyclopedia.ca/en/article/roberta-bondar>
- Roberta Bondar Foundation:  
<https://therobertabondarfoundation.org/>

## Videos:

- [https://www.youtube.com/watch?v=-Tg1KNoLb\\_s](https://www.youtube.com/watch?v=-Tg1KNoLb_s)
- <https://www.youtube.com/watch?v=DkhvMbnqyig>
- <https://www.youtube.com/watch?v=2EJ773nsQkw>
- <https://www.youtube.com/watch?v=BEXZFDCfGqU>
- <https://www.youtube.com/watch?v=S2b4wyjXG04>
- Episode Airing 4/16/23:  
<https://www.pbs.org/video/canada-files-roberta-bondar-v44vg1/>





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## Emmy Noether

★ Instagram Post Link:

<https://www.instagram.com/p/Cq3RxbtuNL2/?igshid=YmMyMTA2M2Y=>

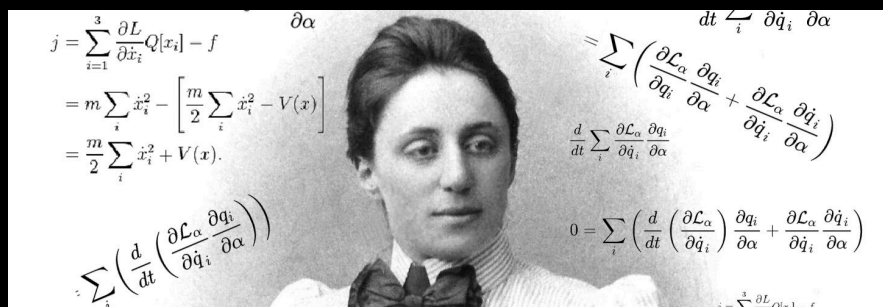
Emmy Noether was a German mathematician and physicist who made contributions towards abstract algebra, working in group theory, ring theory, group representations, and number theory.

## Learn more:

- <https://www.britannica.com/biography/Emmy-Noether>
- <https://www.sciencenews.org/article/emmy-noether-theorem-legacy-physics-math>
- <https://www.nytimes.com/2012/03/27/science/emmy-noether-the-most-significant-mathematician-youve-never-heard-of.html>
- <https://www.smithsonianmag.com/smart-news/emmy-noether-should-be-your-hero-180962591/>
- <https://www.vox.com/2015/3/23/8274777/emmy-noether>
- <https://www.ladyscience.com/essays/myth-of-genius-emmy-noether-gender>
- Google Doodle! :)  
<https://www.google.com/doodles/emmy-noethers-133rd-birthday>

## Videos:

- <https://youtu.be/Rqfj7n5aSwY>
- <https://scientificwomen.net/women/noether-emmy-75>
- <https://youtu.be/MxmDphojQUU>
- <https://perimeterinstitute.ca/who-was-emmy-noether>
- [https://www.youtube.com/watch?v=1\\_MpQG2xXVo](https://www.youtube.com/watch?v=1_MpQG2xXVo)





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## Hedy Lamarr

★ Instagram Post Link:

<https://www.instagram.com/p/Cq861ZrJ1NC/?igshid=YmMyMTA2M2Y=>

Hedy Lamarr was an Austrian-born American actress and inventor who was featured in several popular films and helped in developing the technology used for modern Wi-Fi. During World War II, she worked to make her "Secret Communication System," which was a revolutionary radio communications device.

## Learn more:

- <https://hedylamarr.com/>
- <https://www.biography.com/actors/hedy-lamarr>
- <https://www.smithsonianmag.com/smithsonian-institution/thank-world-war-ii-era-film-star-your-wi-fi-180971584/>
- <https://www.newscientist.com/people/hedy-lamarr/>
- <https://leaders.com/articles/leaders-stories/hedy-lamarr-inventions/>
- <https://www.aps.org/publications/apsnews/201106/physicshistory.cfm>
- <https://www.womenshistory.org/education-resources/biographies/hedy-lamarr#:~:text=Hedy%20Lamarr%20was%20an%20Austrian,GPS%2C%20and%20Bluetooth%20communication%20systems.>

## Videos:

- [https://www.youtube.com/watch?v=\\_r1XHNeQD-s](https://www.youtube.com/watch?v=_r1XHNeQD-s)
- <https://www.youtube.com/watch?v=z40kpmMmQ9I>
- [https://floridainvents.org/hedy-lamarr/?doing\\_wp\\_cron=1681148196.6341719627380371093750](https://floridainvents.org/hedy-lamarr/?doing_wp_cron=1681148196.6341719627380371093750)
- <https://www.pbs.org/wnet/americanmasters/bombshell-hedy-lamarr-story-hedy-lamarr-developed-secret-communications-system/10210/>
- <https://www.imdb.com/name/nm0001443/>



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## Chien-Shiung Wu

★ Instagram Post Link:

<https://www.instagram.com/p/CrCTbvbpZi9/?igshid=YmMyMTA2M2Y=>

Chien-Shiung Wu was a Chinese-American physicist who worked with nuclear and particle physics to develop new discoveries. She won the Nobel Prize for her work and made major strides for women in physics and in STEM.

## Learn more:

- <https://ahf.nuclearmuseum.org/ahf/profile/chien-shiung-wu/>
- <https://www.biography.com/scientist/chien-shiung-wu>
- <https://www.womenshistory.org/education-resources/biographies/dr-chien-shiung-wu>
- <https://scientificwomen.net/women/wu-chien-shiung-94>
- <https://www.npr.org/2022/03/09/1085428338/a-physics-legend-part-one-how-chien-shiung-wu-changed-physics-forever>
- <https://www.nps.gov/people/dr-chien-shiung-wu-the-first-lady-of-physics.htm>
- Published Research:  
<https://academictree.org/physics/publications.php?pid=38090&searchstring=&showfilter=all>

## Videos:

- <https://www.youtube.com/watch?v=2ZMOWSRNxic>
- <https://guides.library.duq.edu/c.php?g=972534&p=7029800>
- <https://www.epa.gov/radtown/women-radiation-history>
- <https://news.columbia.edu/content/research-discovery?page=20>

