

# The IEEE Times

***Rescue at the  
Speed of Light***



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For all engineers — and engineers to come — who do and  
will do great things to make our world a better place.

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THE TESLA TWINS SENT TECH MOGUL BUCK GAINS RUNNING BACK INTO THE CIRCUITRY. LILY KWON TRAPPED HIM THERE BY CUTTING POWER TO HIS DEATH RAY EXPERIMENT. THE TWINS DO NOT KNOW ABOUT A MYSTERIOUS MESSAGE FROM SOMEONE CLAIMING TO BE THEIR PRESUMED-DEAD PARENTS, JOE AND EVA TESLA.

YOUR PARENTS WOULD BE SO PROUD OF YOU. I'M GLAD YOU KNOW NOW THAT OUR REAL LAST NAME IS TESLA.



THE TWINS WERE TOLD THEIR LAST NAME WAS SLATE IN ORDER TO PROTECT THEM FROM PEOPLE LOOKING FOR NIKOLAS TESLA'S INVENTIONS.

YEARS EARLIER, THE TWINS HAD LOST THEIR PARENTS IN AN ELECTRICAL ACCIDENT WHERE THEY WORKED, OR SO THEY WERE TOLD.



BACK AT BUCK GAINS' NANO TECH HEADQUARTERS.....

DID YOU TYPE THIS?

IS THAT REAL?

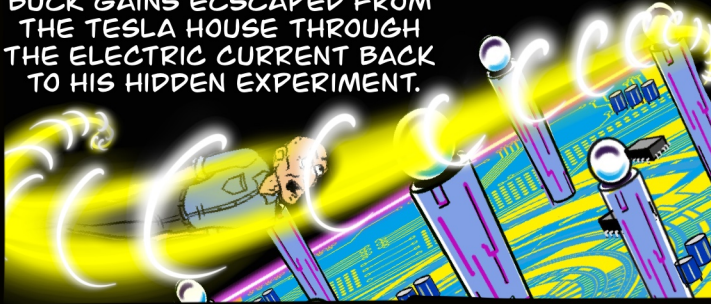
NO! IT JUST POPPED UP.



WE NEED TO TELL NICK AND TESS THAT THEIR PARENTS MAY BE ALIVE!

Hello!  
Is anybody  
There?  
This is Eva and  
Joseph Slate.  
We are trapped  
Here!

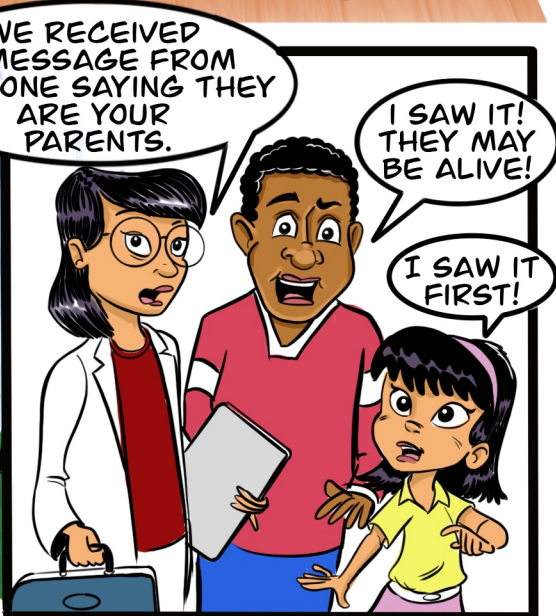
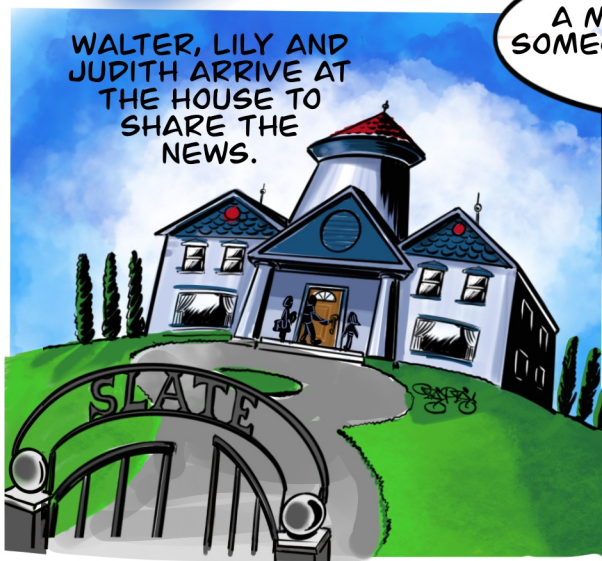
BUCK GAINS ESCAPED FROM THE TESLA HOUSE THROUGH THE ELECTRIC CURRENT BACK TO HIS HIDDEN EXPERIMENT.



LILY KWON WAS ABLE TO TRAP GAINS BY CUTTING OFF THE POWER TO THE EXPERIMENT.







JOE! EVA!

ALIVE!

MOM AND DAD!





LET ME SHOW YOU! WE NEED TO FIGURE OUT WHERE IT CAME FROM.



THE MESSAGE CAME TO GAINS' LAB FROM ANOTHER COMPANY-- MEGA TECH. I KNOW THEY HAD AN ARRANGEMENT; I JUST DON'T KNOW WHAT IT WAS.

WHY WOULD GAINS CONNECT WITH MEGA TECH?

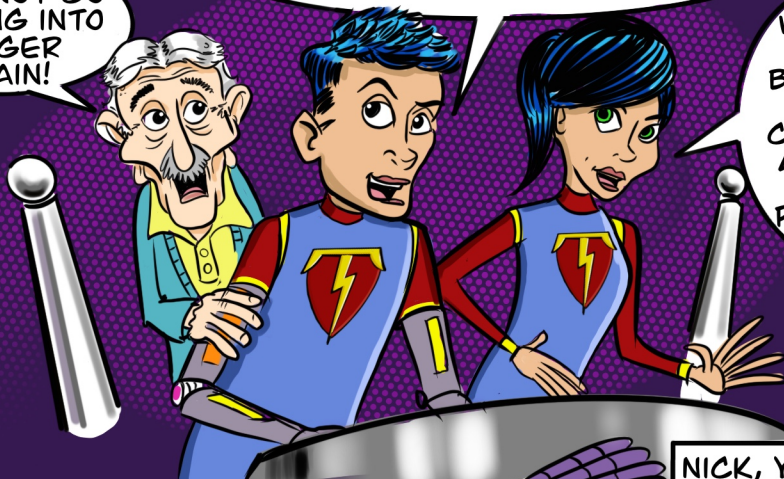
WE NEED TO GET TO HIM!



LET'S NOT GO RUNNING INTO DANGER AGAIN!

WE HAVE TO GO. WHAT IF OUR MOM AND DAD ARE ALIVE?

WE NEED TO GET BACK INTO THE CIRCUITRY AND FIND OUR PARENTS!

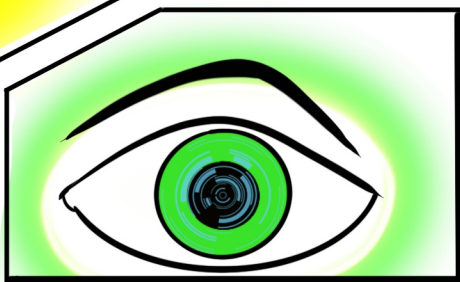
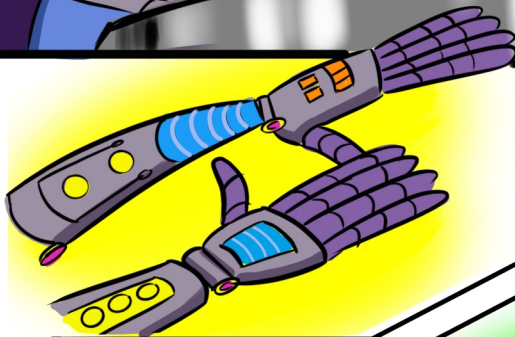


I WISH I HAD MORE TIME TO TELL YOU ABOUT YOUR PROSTHETICS!

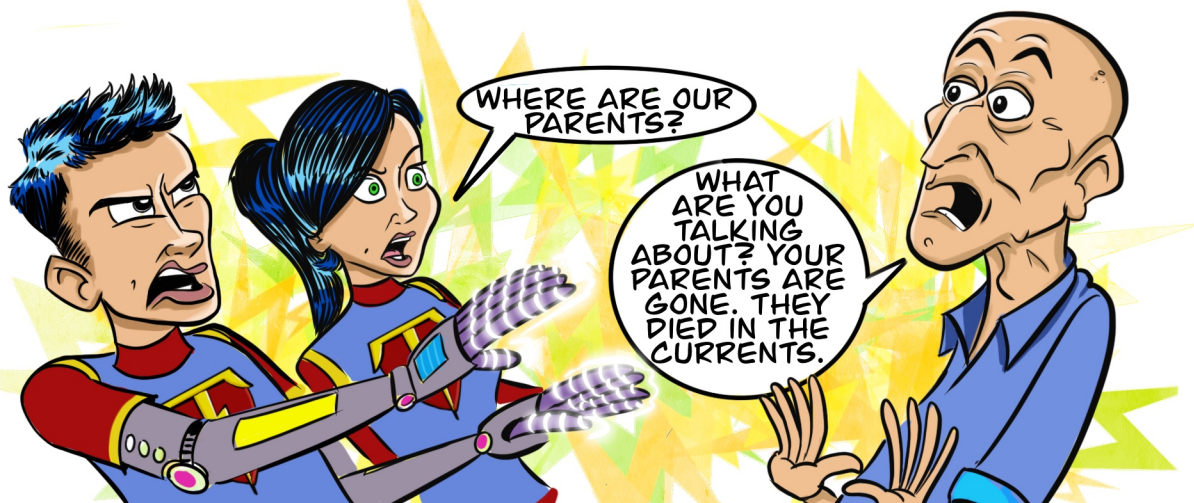
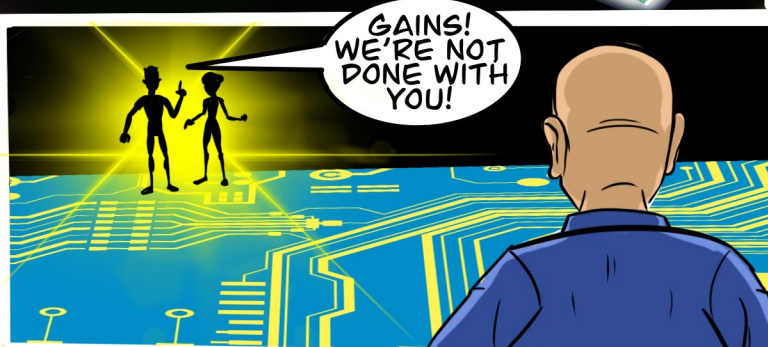
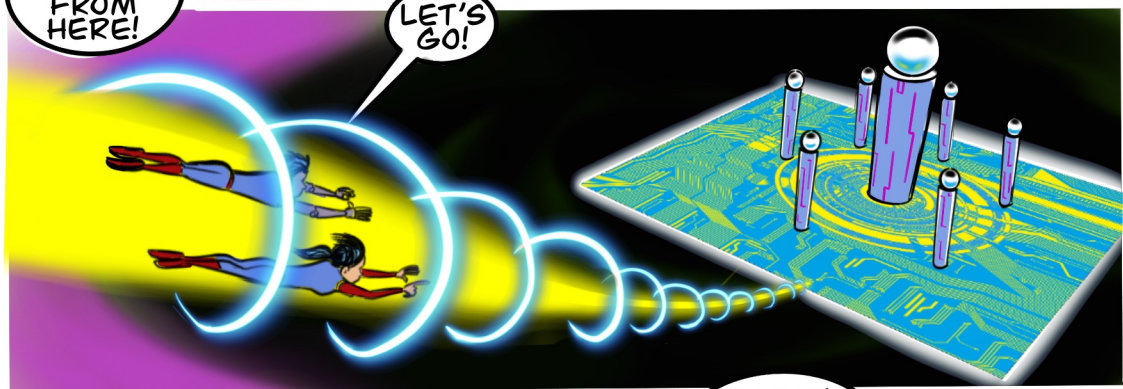
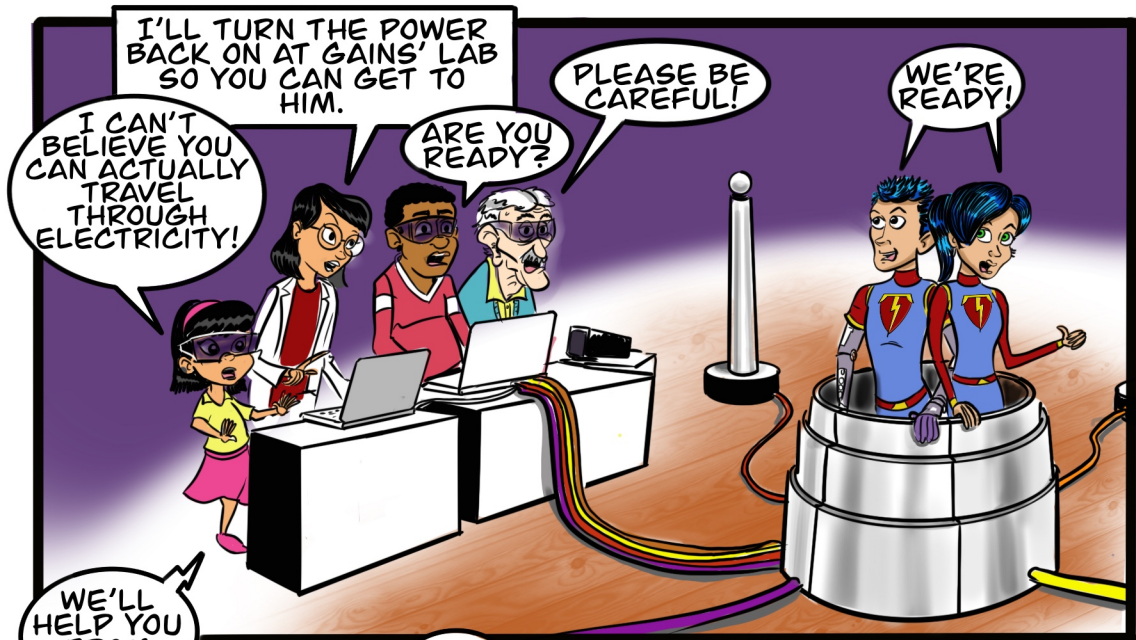


TESS, YOUR EYES HAVE FACIAL RECOGNITION, HEALTH MONITORS, TELESCOPIC AND INFRARED IMAGING AND INFORMATION DISPLAY.

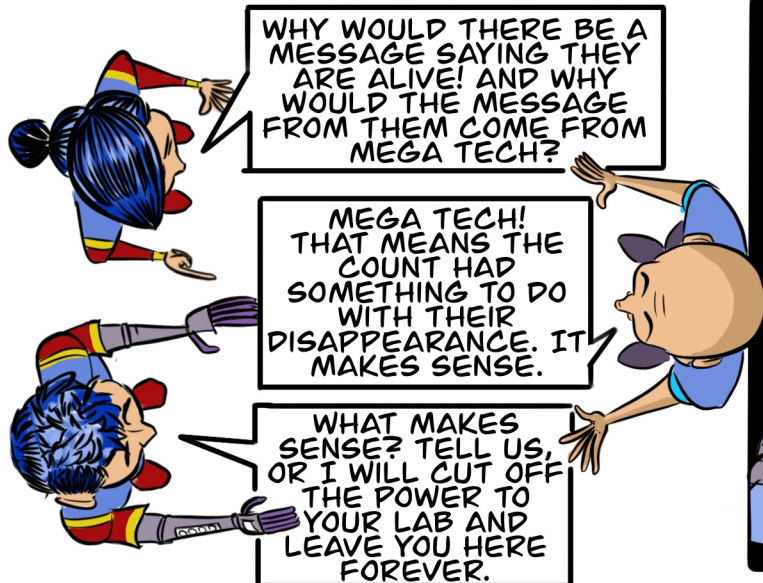
NICK, YOUR ARMS DO SO MANY MORE THINGS THAN YOU KNOW! THEY HAVE, ELECTROMAGNETS, COMMUNICATIONS, PROJECTORS AND TOOLS FOR ELECTRONICS.



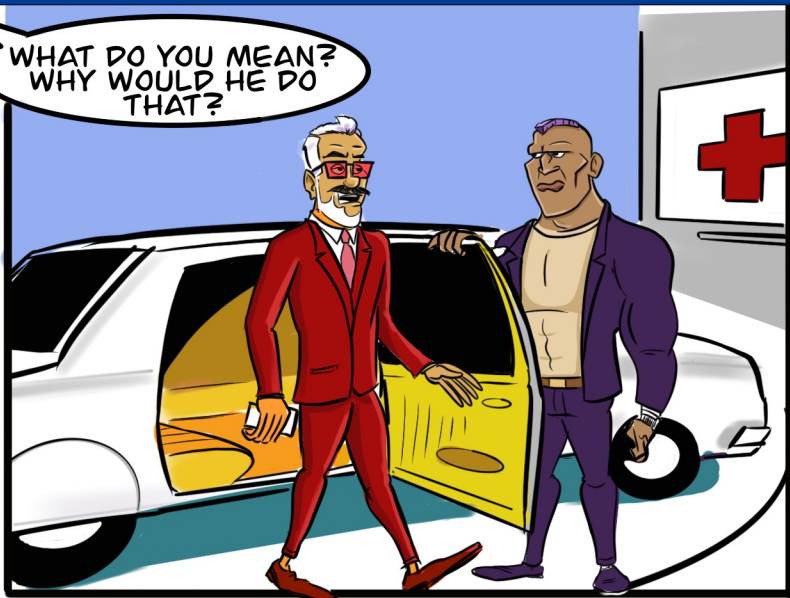




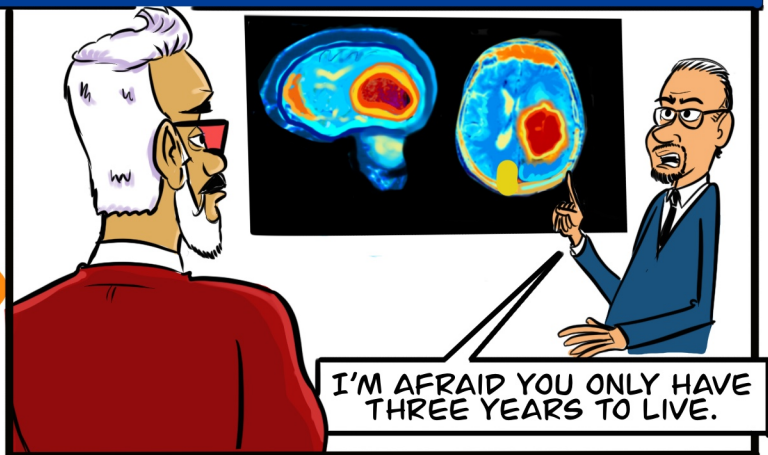




THE OWNER OF MEGA TECH IS BILLIONAIRE COUNT MARIO INGANNAMORTE! HE HAS TO BE THE ONE WHO TOOK YOUR PARENTS.

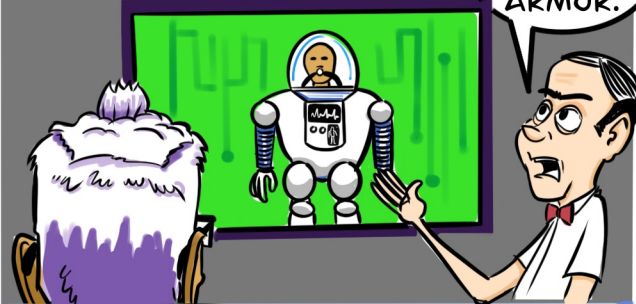


THE COUNT WAS DIAGNOSED WITH AN INOPERABLE BRAIN TUMOR. HE SEARCHED THE WORLD FOR EXPERTS TO HELP HIM ESCAPE DEATH. HE WAS GOING TO USE ALL MEANS AND MONEY AVAILABLE TO HIM.



HE BROUGHT IN THE WORLD'S GREATEST SCIENTISTS TO OFFER A SOLUTION ON HOW TO STAY ALIVE.

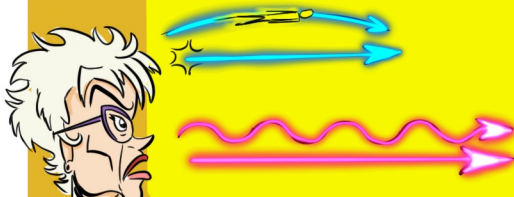
WE'LL BUILD YOU A SUIT OF ARMOR.



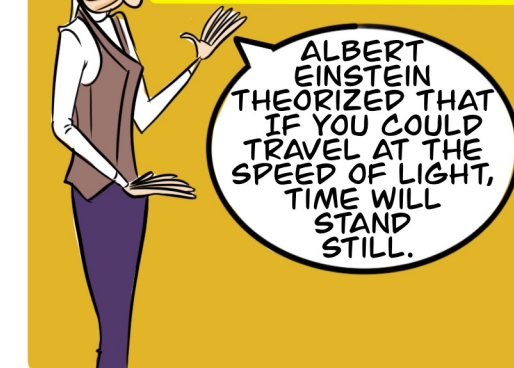
I COULD CRYOGENICALLY FREEZE YOUR HEAD.



ETHEL BLUME, AN EXPERT IN THE THEORY OF RELATIVITY, GAVE HIM HOPE.



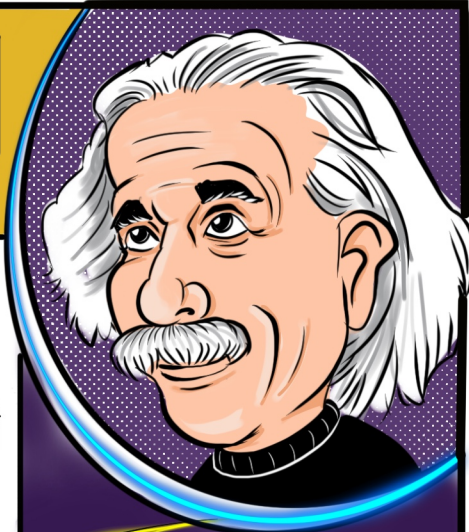
ALBERT EINSTEIN THEORIZED THAT IF YOU COULD TRAVEL AT THE SPEED OF LIGHT, TIME WILL STAND STILL.



IF YOU COULD TRAVEL AT THE SPEED OF LIGHT, YOU WOULD NOT AGE.

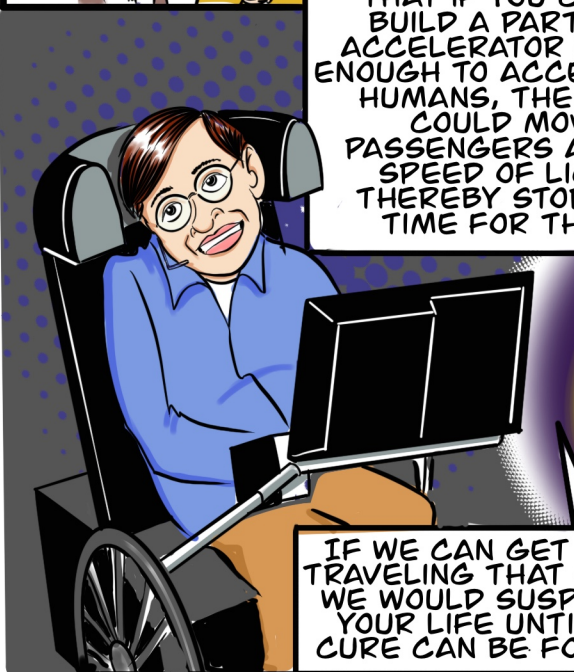


BRITISH THEORETICAL PHYSICIST STEPHEN HAWKING THEORIZED THAT IF YOU COULD BUILD A PARTICLE ACCELERATOR LARGE ENOUGH TO ACCELERATE HUMANS, THEN YOU COULD MOVE PASSENGERS AT THE SPEED OF LIGHT, THEREBY STOPPING TIME FOR THEM.



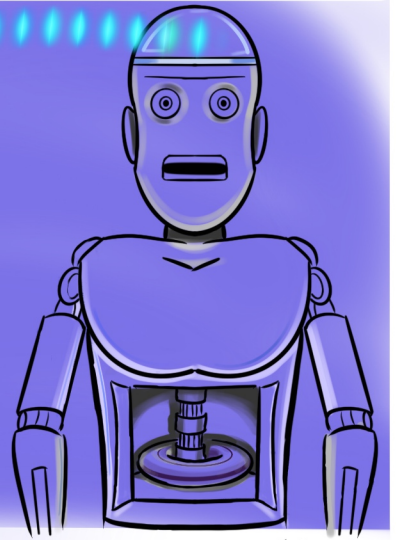
WHAT IF WE COULD MAKE YOU SMALL ENOUGH TO TRAVEL IN A SMALL ACCELERATOR?

IF WE CAN GET YOU TRAVELING THAT FAST, WE WOULD SUSPEND YOUR LIFE UNTIL A CURE CAN BE FOUND.





BUT WHAT IF WE COULD ALLOW YOU TO LIVE IN THE PRESENT TIME WHILE YOU WERE SUSPENDED? YOUR THOUGHTS COULD CONTROL A ROBOTIC VERSION OF YOU WHILE YOU TRAVEL AT THE SPEED OF LIGHT. WE JUST NEED TO FIND A WAY TO GET YOU TO MOVE THAT FAST.



I KNOW A SCIENTIST NAMED BUCK GAINS WHO CLAIMS HE CAN GET PEOPLE TRAVELING AT THE SPEED OF LIGHT.



HE HEARD ME TALKING ABOUT HOW I COULD TRAVEL THROUGH ELECTRICITY AT THE SIZE OF A MICRON. HE APPROACHED ME ABOUT HELPING HIM CREATE A MICRO ACCELERATOR TO HAVE A HUMAN TRAVEL AT THE SPEED OF LIGHT. IN EXCHANGE, THE COUNT FINANCED MY COMPANY.



SURE YOU DID.

I HAVE TRAVELED WITHIN ELECTRICITY AND CONTROLLED THE ELECTRONICS FROM WITHIN. THIS WILL ALLOW ME TO BUILD ELECTRONICS AT A NANO SCALE.

I CREATED AN ACCELERATOR THAT COULD HOUSE HIM SAFELY AND ALLOW HIM TO CONTROL AN ANDROID OF HIMSELF.

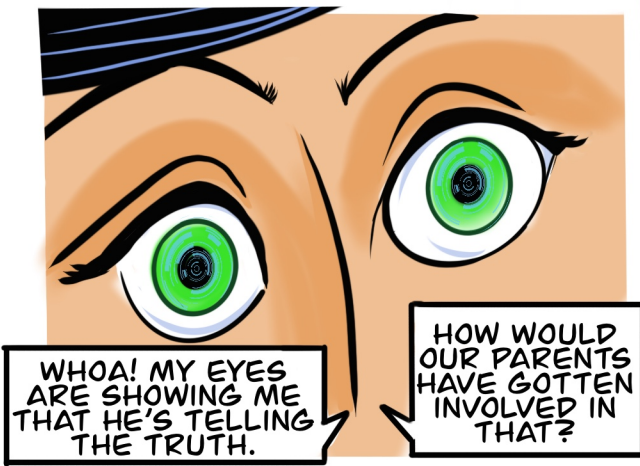


WE CAN CONNECT THIS TO MY LAB TO MAKE THE TRANSFER.

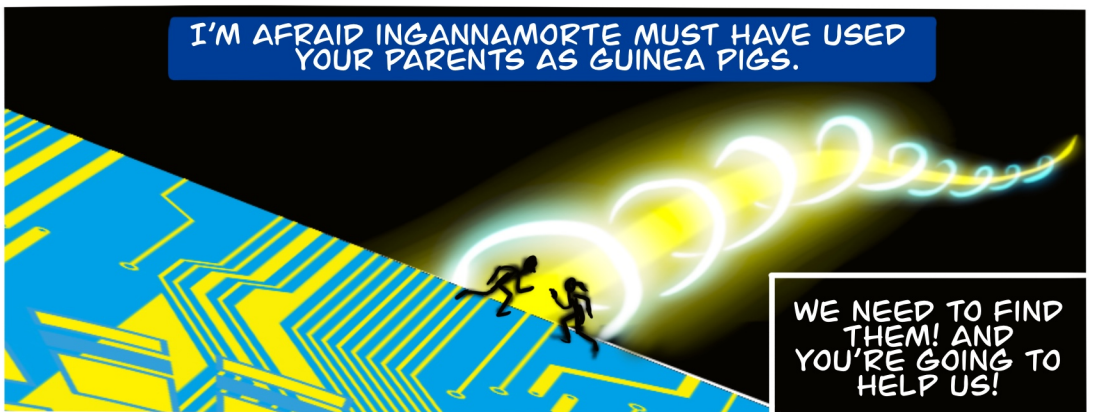
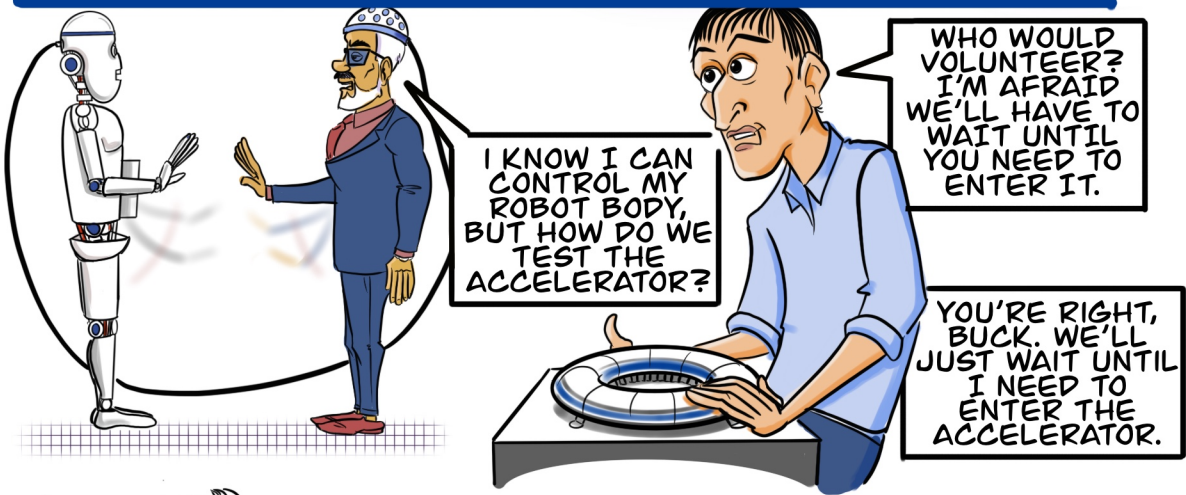
WITH MY TECHNOLOGY YOU'LL BE ABLE TO TRAVEL WITHIN THE ACCELERATOR AT THE SPEED OF LIGHT.

WE MADE A DIRECT ELECTRICAL PATH TO MY LAB IN ANTICIPATION OF THE TRANSFER. THAT MUST BE HOW THE MESSAGE CAME TO THE LAB.



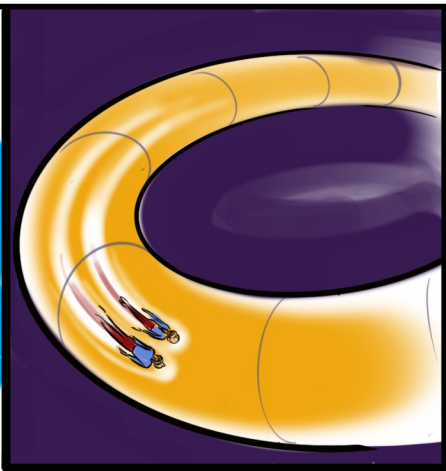
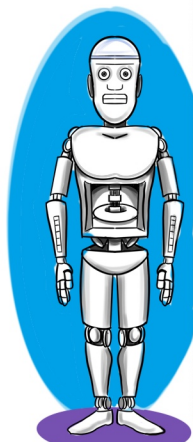


THE COUNT DIDN'T TRUST THAT MY PLAN WOULD WORK SAFELY AND WANTED TO TRY IT OUT ON SOMEONE. I WASN'T ABOUT TO VOLUNTEER. HE MUST HAVE USED THE CURRENTS TO DIRECT YOUR PARENTS INTO THE ACCELERATOR ALL THOSE YEARS AGO.



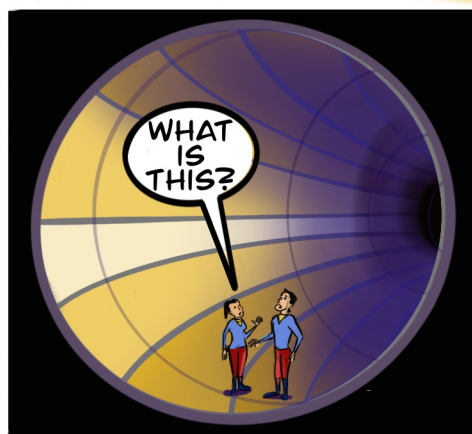


GAINS WAS CORRECT. THE COUNT REDIRECTED THE TESLAS TO HIS HUMAN ACCELERATOR EXPERIMENT TO SEE IF IT WOULD INDEED ALLOW HIM TO LIVE FOREVER.



WHY AREN'T WE BACK AT THE LAB?

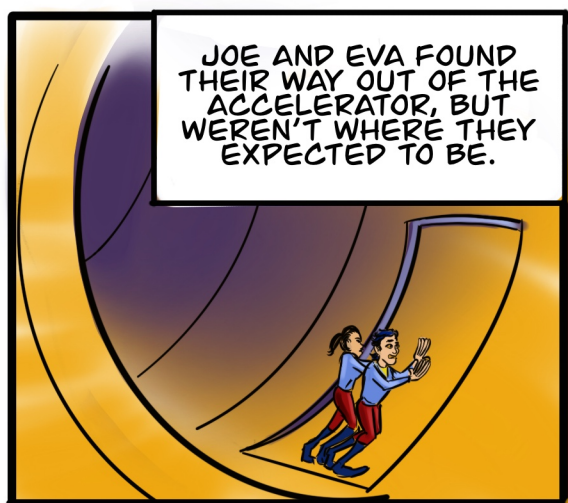
AFTER UNKNOWINGLY TRAVELING AT THE SPEED OF LIGHT FOR NEARLY THREE YEARS, JOE AND EVA TESLA WERE SET FREE WHEN THE POWER WAS REMOTELY SHUT OFF BY LILY KWON ALLOWING THEM TO LOOK FOR HELP.



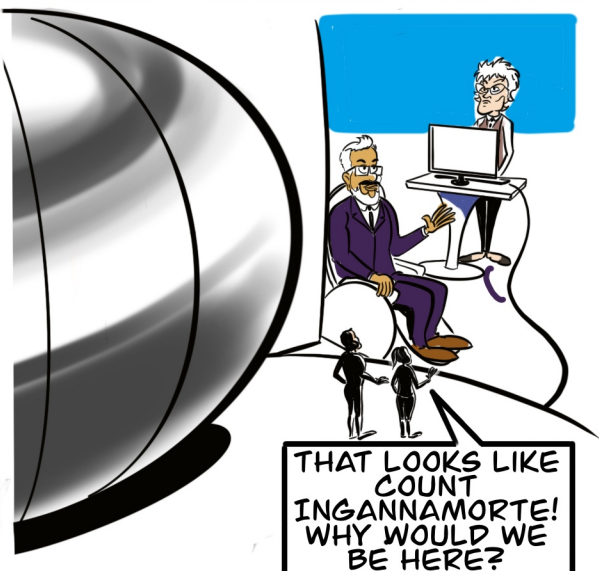
WHAT IS THIS?



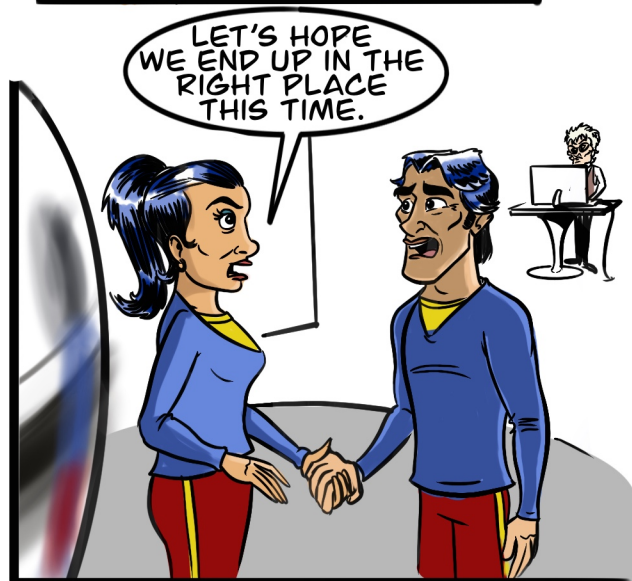
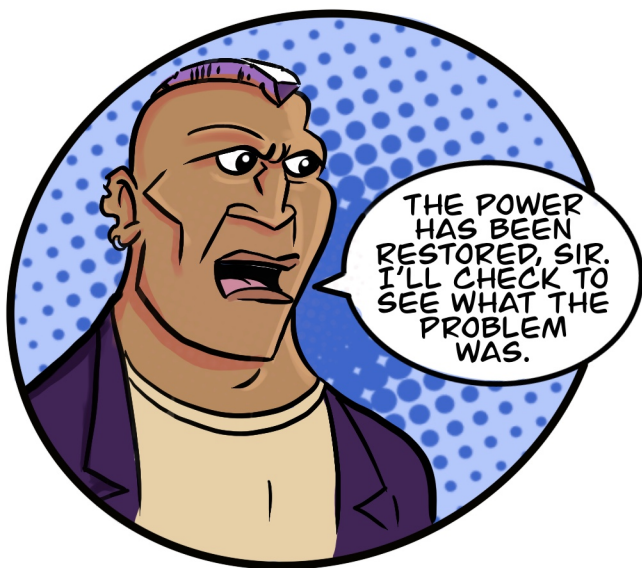
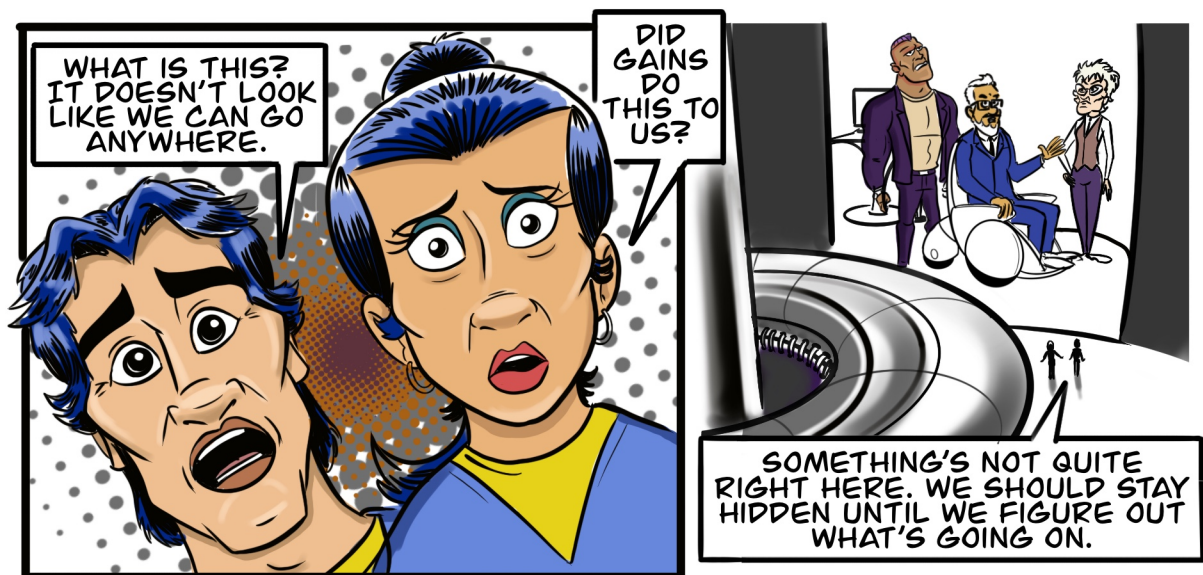
WHERE ARE WE?



JOE AND EVA FOUND THEIR WAY OUT OF THE ACCELERATOR, BUT WEREN'T WHERE THEY EXPECTED TO BE.

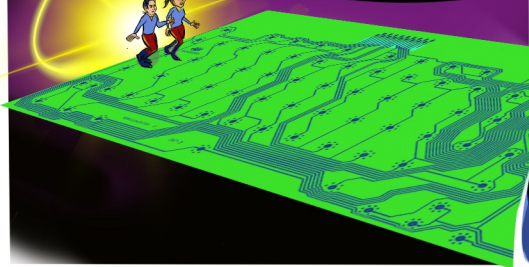


THAT LOOKS LIKE COUNT INGANNAMORTE! WHY WOULD WE BE HERE?





WE SHOULD BE ABLE TO  
GET A MESSAGE OUT.  
HOPEFULLY, SOMEONE  
WHO CAN HELP US WILL  
GET THIS.



THE MESSAGE ARRIVES AT GAINS'  
LAB AND LILY KWON SEES IT.

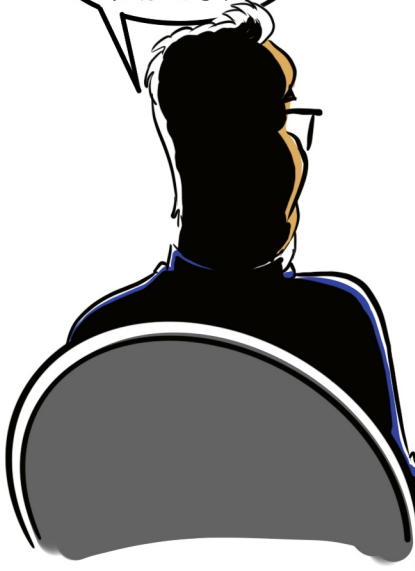
Hello!  
Is anybody  
There?  
This is Eva and  
Joseph Slate.  
We are trapped  
Here!



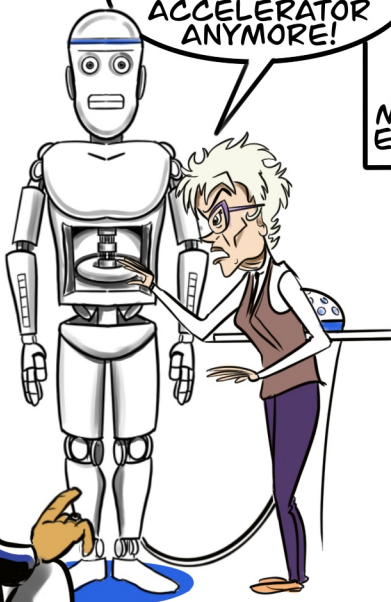
LET'S HEAD  
BACK TO WHERE WE  
WERE AND SEE IF  
THERE'S A WAY  
OUT.



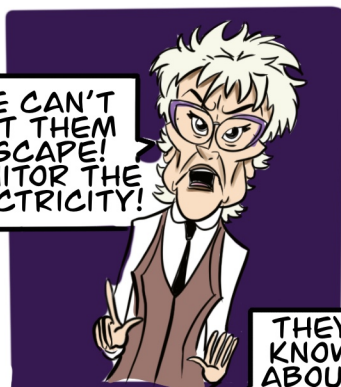
DID  
ANYTHING  
HAPPEN WHILE  
THE POWER  
WAS OUT?



OUR GUESTS ARE  
NOT IN THE  
ACCELERATOR  
ANYMORE!



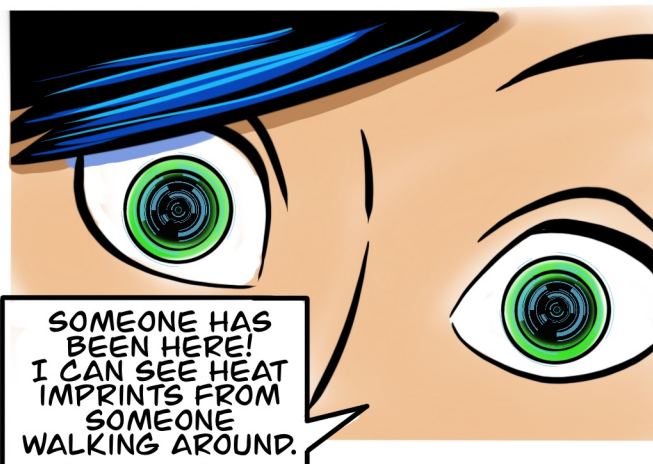
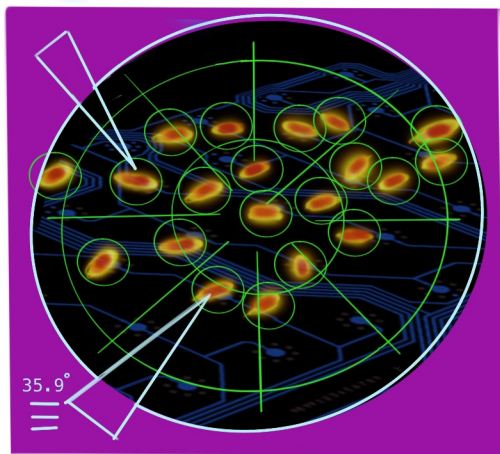
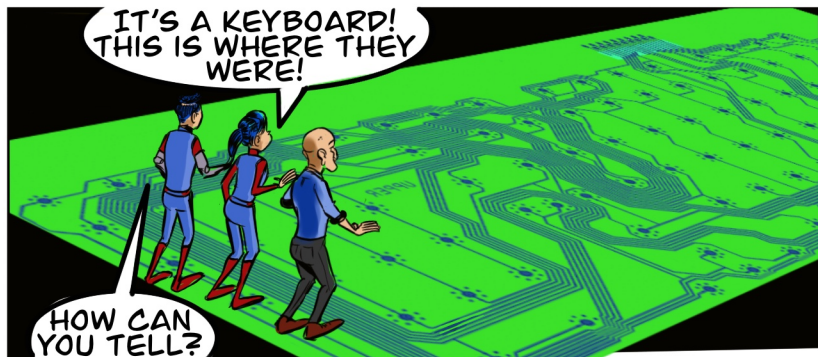
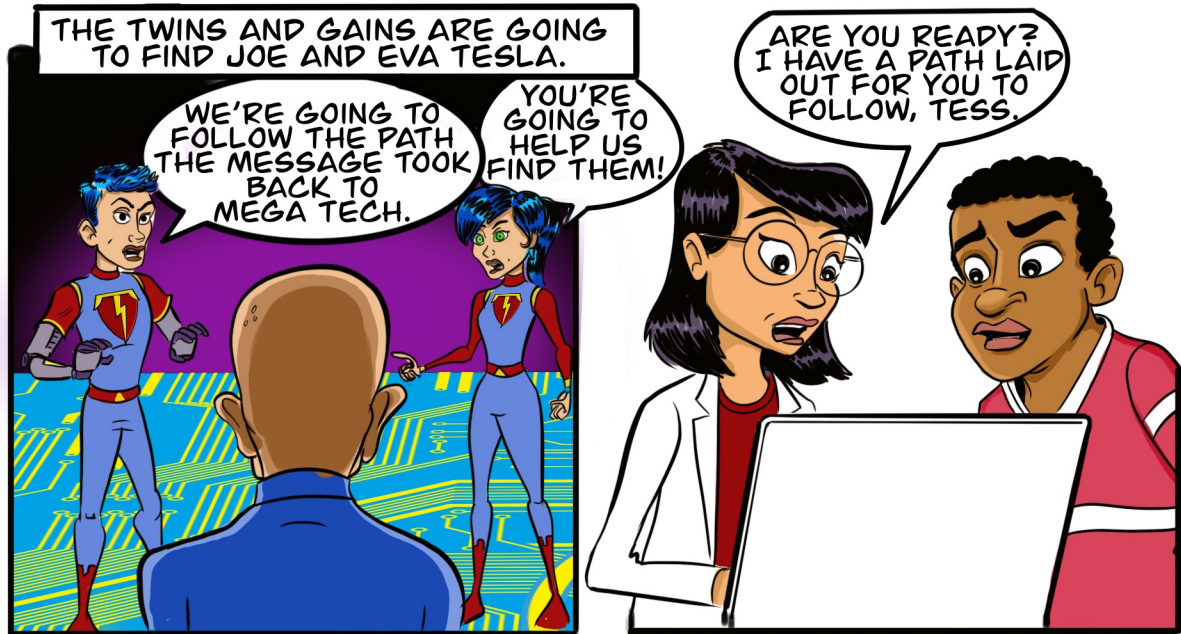
WE CAN'T  
LET THEM  
ESCAPE!  
MONITOR THE  
ELECTRICITY!



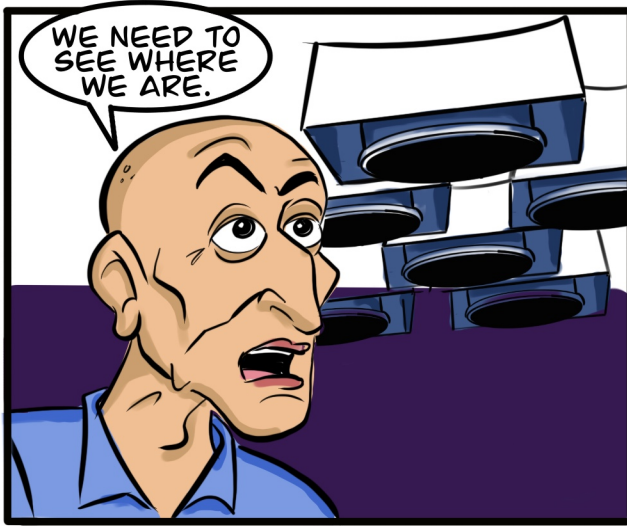
THEY  
KNOW  
ABOUT  
US!



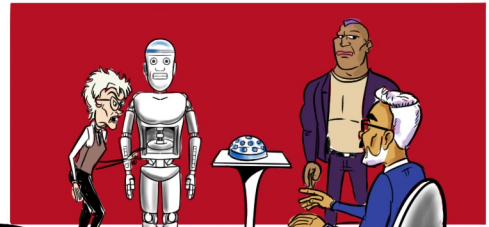






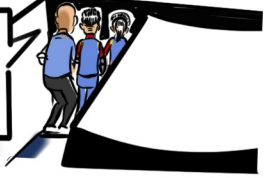


WE NEED TO SEE WHERE WE ARE.



WHO IS THAT?

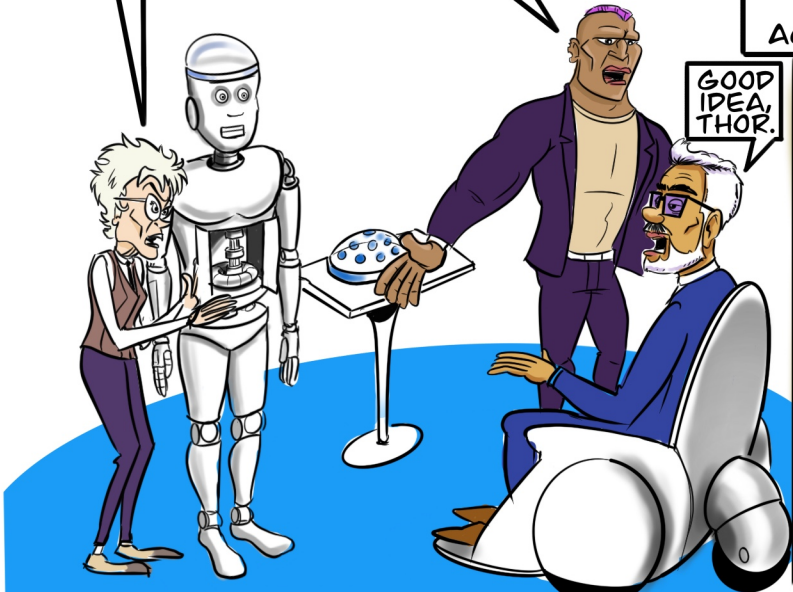
THAT IS THE COUNT. THE ROBOT IS HIS PLAN TO LIVE FOREVER.



THEY ARE NOT IN THE ACCELERATOR!

WE NEED TO CUT THE POWER SO THEY CANNOT ESCAPE.

WE NEED TO SEE IF THEY AGED AND IF YOUR THEORY WORKED, DR. BLUME. I'M GETTING CLOSE TO NEEDING THE ACCELERATOR TO SURVIVE.

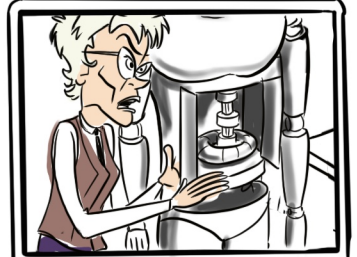


GOOD IDEA, THOR.



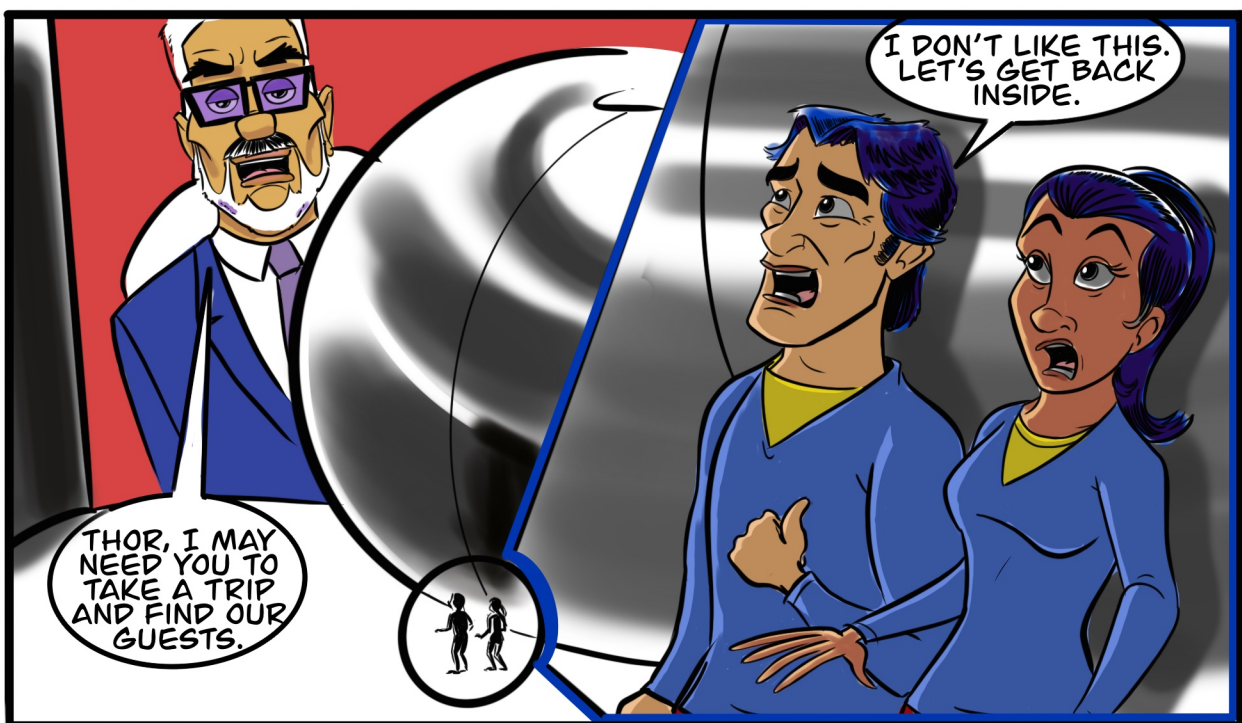
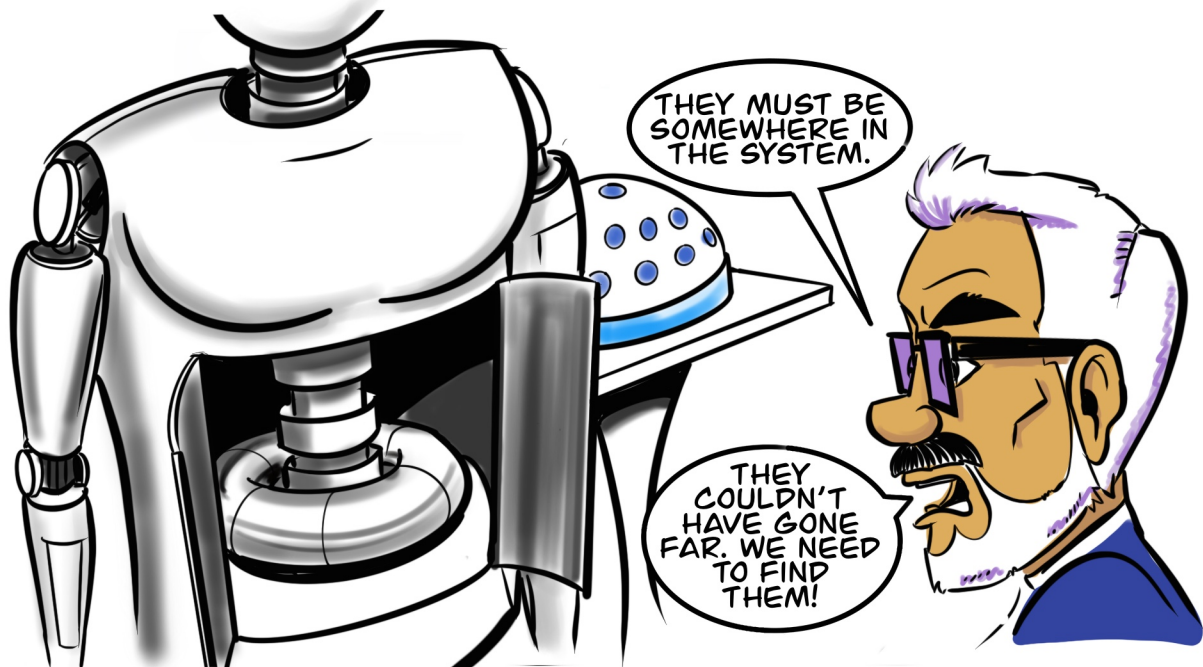
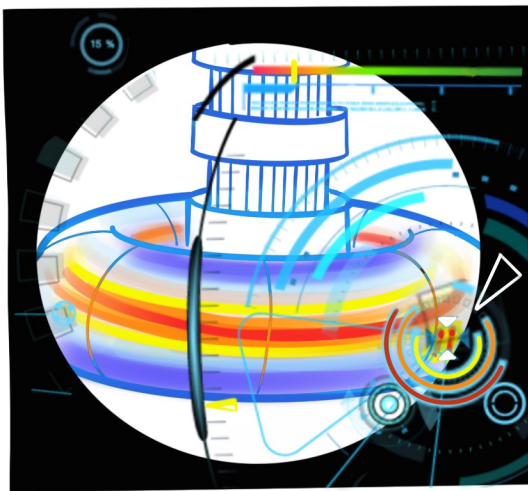
IS HE TALKING ABOUT MOM AND DAD? LET'S GET OVER THERE, NOW!

HOW DO WE KNOW IF THEY ARE EVEN THERE?

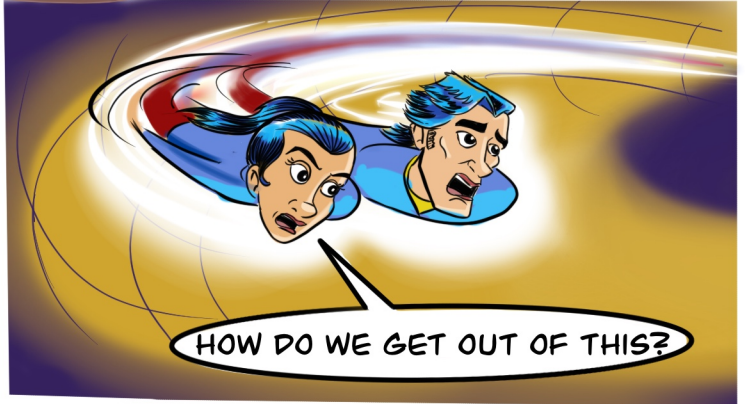
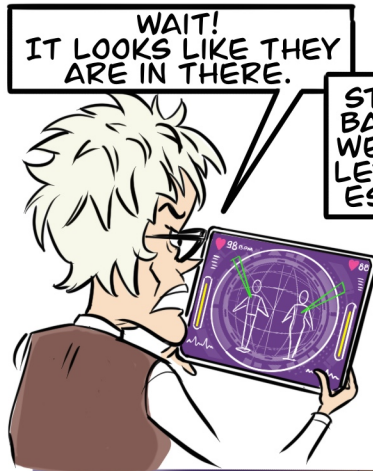


TESS, ZOOM IN ON THE ANDROID!

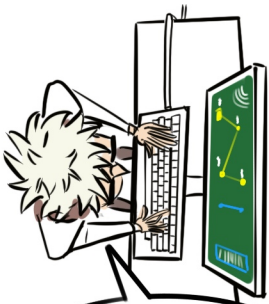




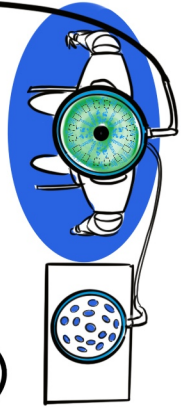








I'LL SEE WHAT  
ELECTRIC  
PATHWAYS ARE  
OPEN.



MOM!

DAD!



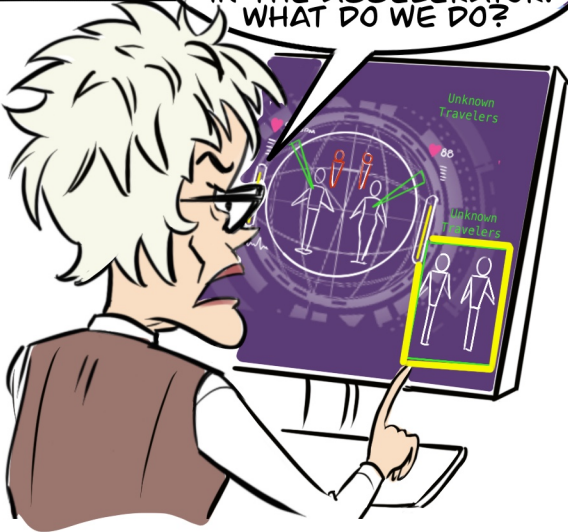
NICK!

TESS!

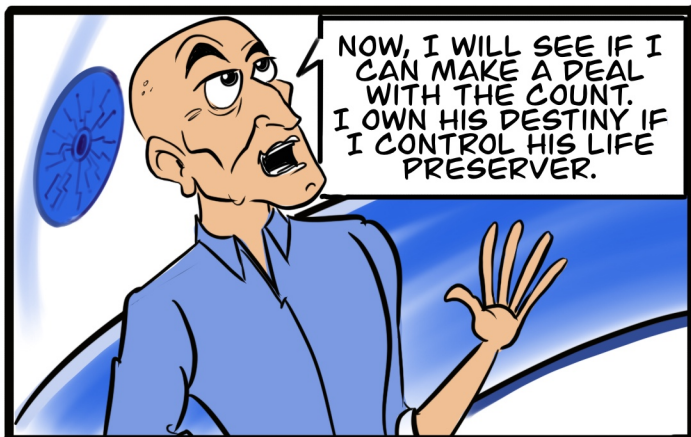
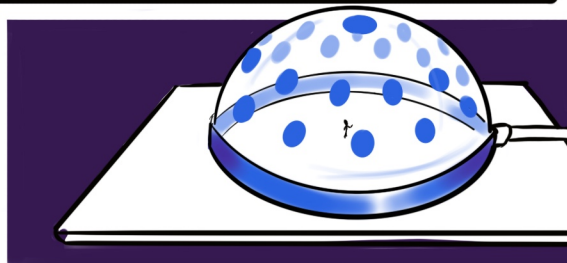
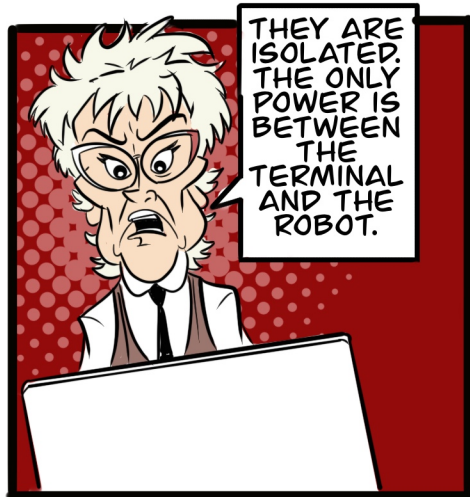
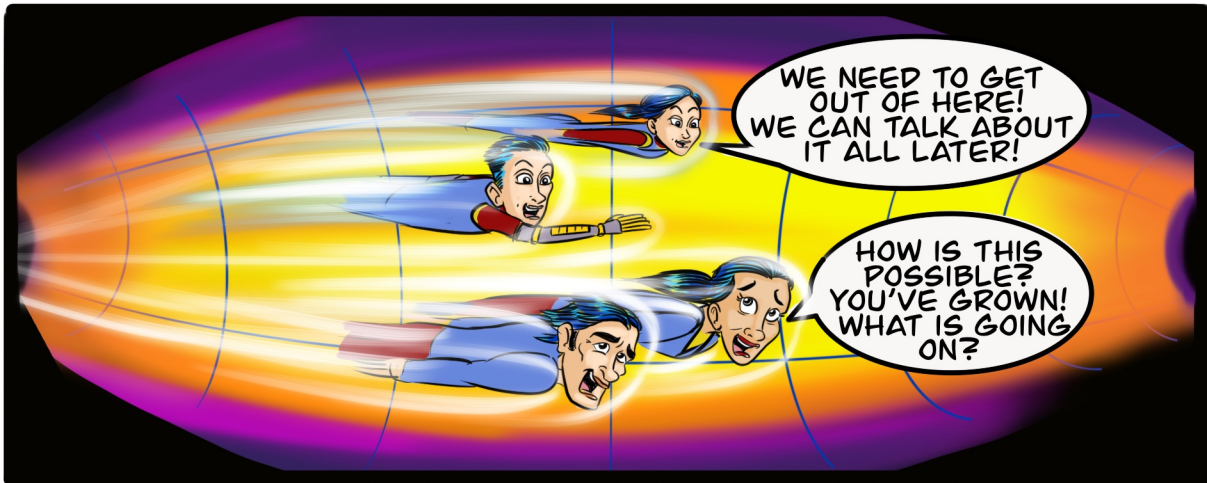
WHAT?!  
HOW CAN  
THIS BE?

THERE  
ARE TWO MORE  
TRAVELERS  
IN THE ACCELERATOR.  
WHAT DO WE DO?

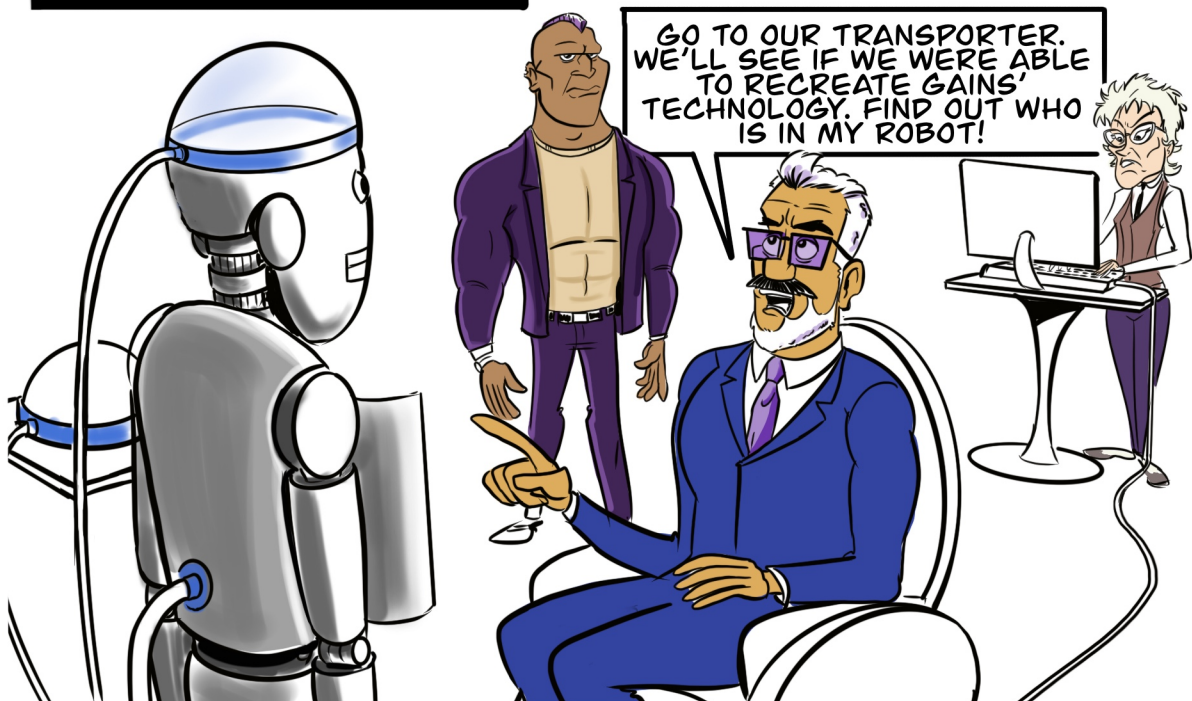
CUT OFF ALL THE POWER TO AND  
FROM THE ACCELERATOR. DON'T  
GIVE THEM A PATH TO ESCAPE.







MEANWHILE, GAINS HAS DIVERTED HIMSELF TO THE THOUGHT CONTROL HELMET OF THE ROBOT, WHICH HE HELPED BUILD.





LILY! WE LOST GAINS!  
WE CAN'T SLOW DOWN!  
WHAT SHOULD WE DO?

I CAN'T CUT  
THE POWER  
ANYMORE.  
THEY  
DISCONNECTED  
THE PATHS.

DID YOU SAY NICK HAS  
ELECTROMAGNETS?

YES, WALTER!  
WHAT IF HE  
USES THE  
MAGNETS TO  
SLOW DOWN  
AND GRAB  
THE WALLS?

GAINS CAN'T BE FAR.

DID YOU  
HEAR THAT, NICK?  
TO ACTIVATE YOUR  
MAGNETS, PUSH ALL  
THREE BUTTONS ON  
YOUR LEFT ARM.

WHAT  
HAPPENED TO  
YOUR ARMS?

IT'S A LONG STORY.  
I'LL BE RIGHT BACK!

IT'S  
WORKING.  
I'M  
SLOWING  
DOWN.

I'M  
STOPPED.

NOW  
USE YOUR  
LASERS TO  
CUT YOUR  
WAY OUT.





WHAT DO YOU SAY  
WE SLOW THINGS  
DOWN A BIT?

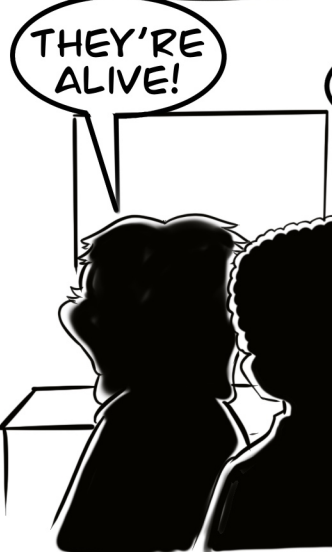


LOOK AT  
YOU!

I MISSED  
YOU!

WE THOUGHT  
YOU WERE  
GONE.

WE'VE  
ONLY BEEN  
GONE A  
DAY! HOW IS  
THIS  
POSSIBLE?



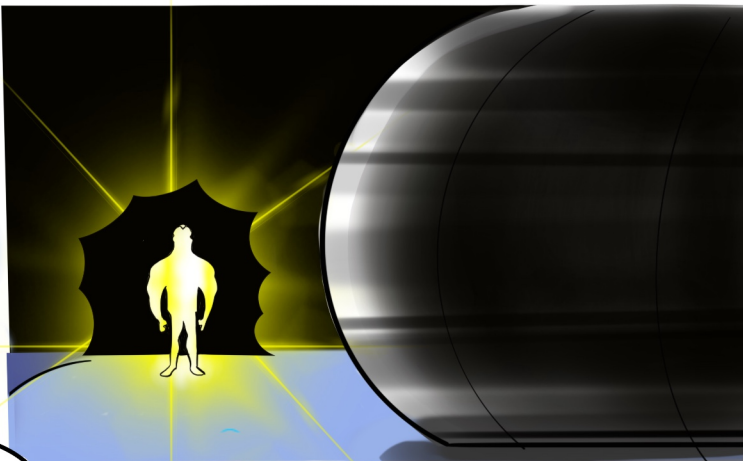
THEY'RE  
ALIVE!

TESS. NICK.  
WE NEED TO GET  
YOU OUT OF  
THERE!



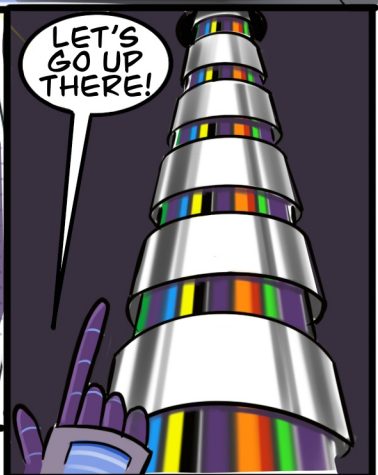
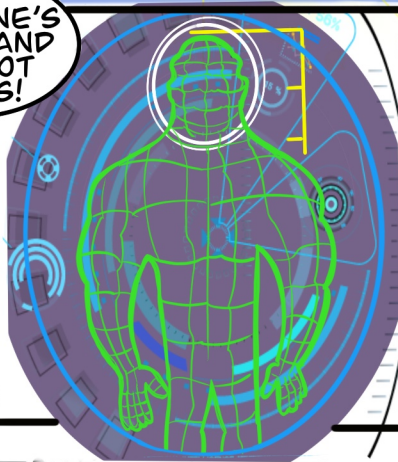
YOU'LL FOLLOW  
THE CURRENT  
TO THE  
ANDROID'S  
ACCELERATOR.



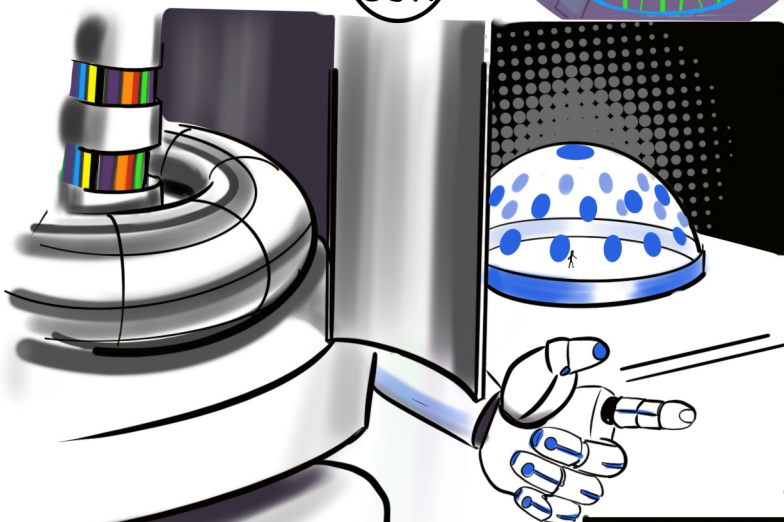


SOMEONE'S  
HERE, AND  
IT'S NOT  
GAINS!

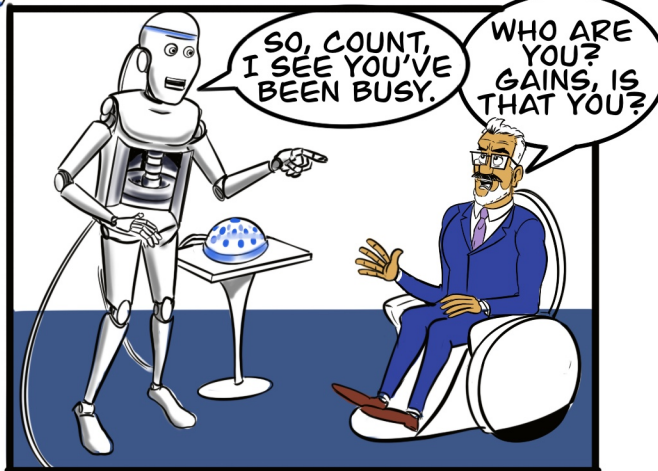
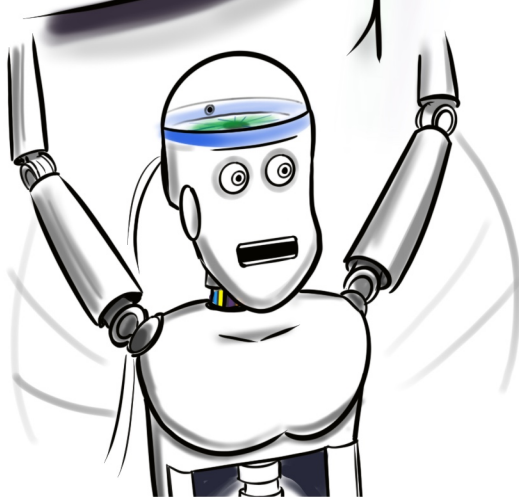
IT'S  
THAT  
HUGE  
GUY!



LET'S  
GO UP  
THERE!



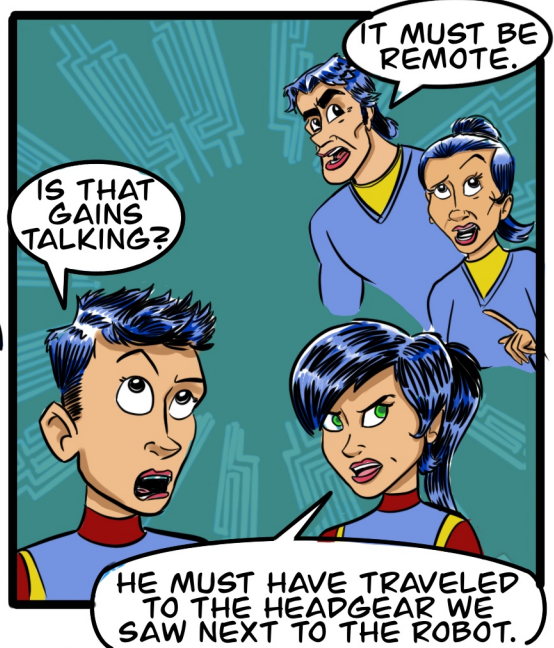
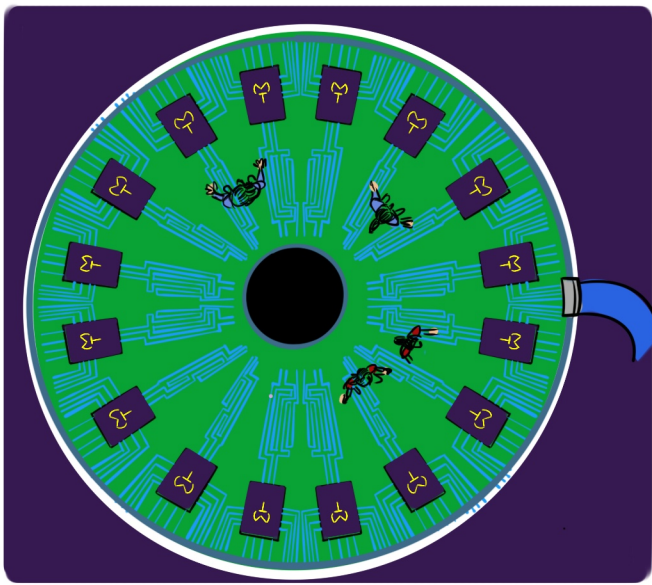
I SHOULD HAVE  
CONTROL FROM  
HERE.



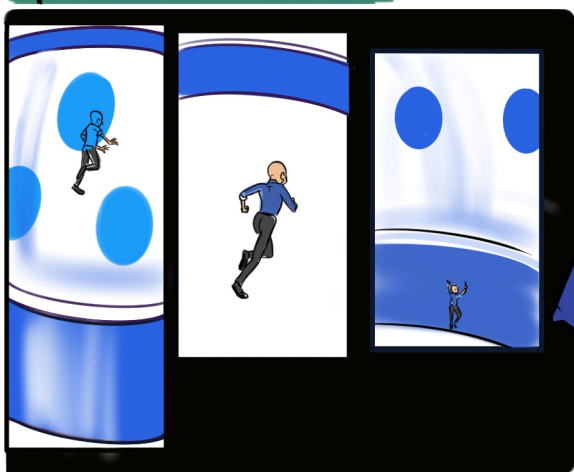
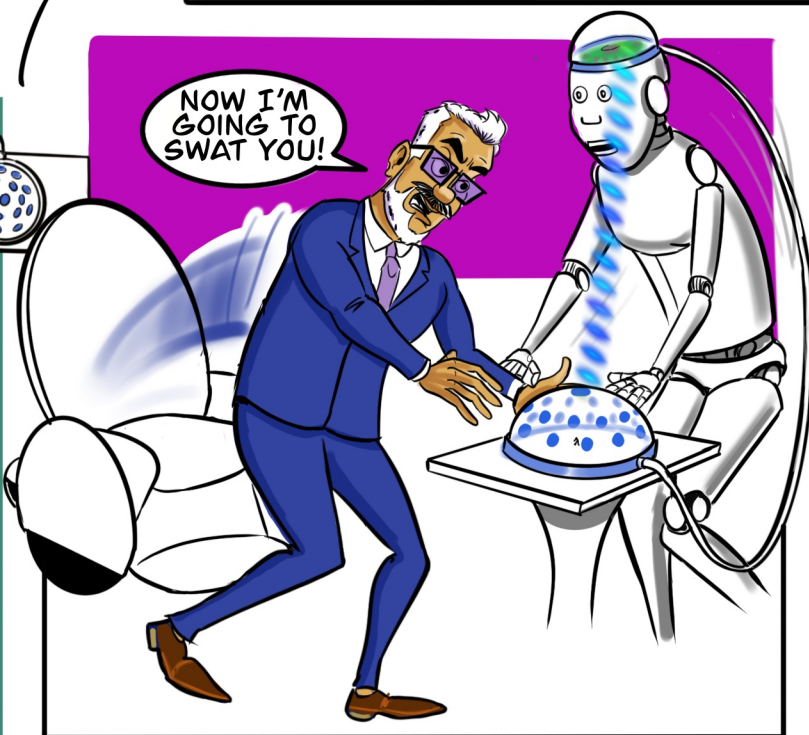
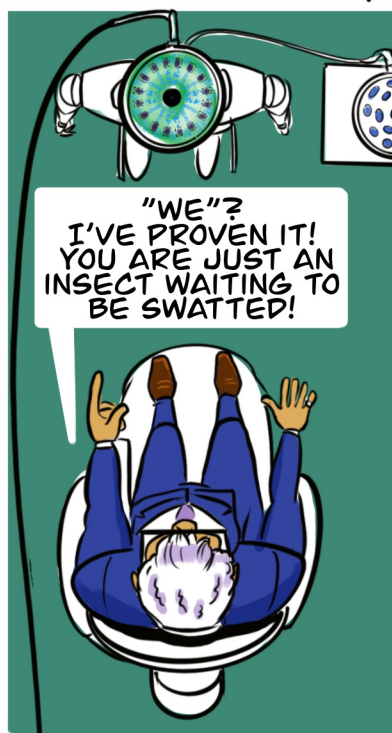
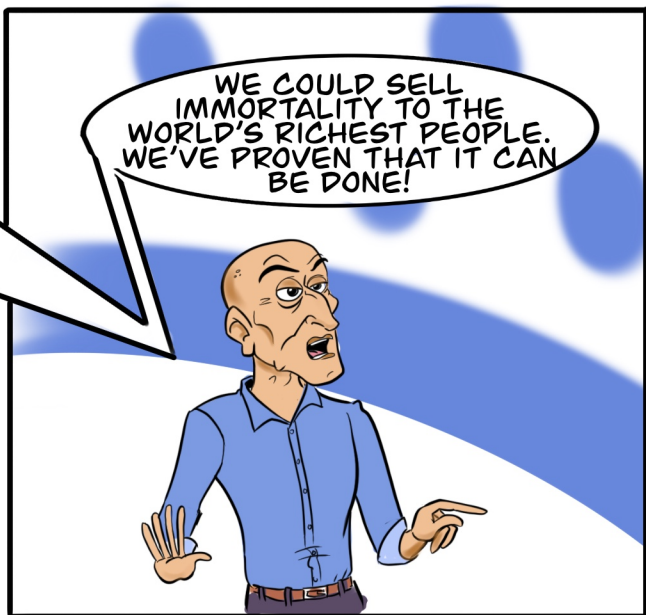
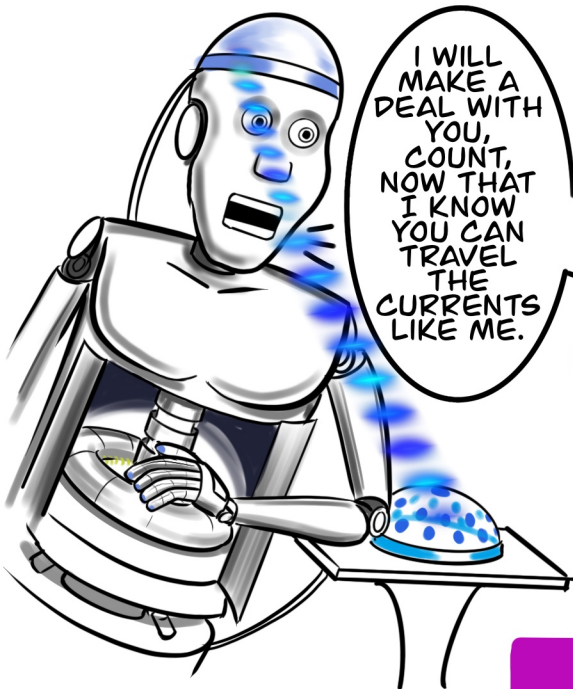
SO, COUNT,  
I SEE YOU'VE  
BEEN BUSY.

WHO ARE  
YOU?  
GAINS, IS  
THAT YOU?

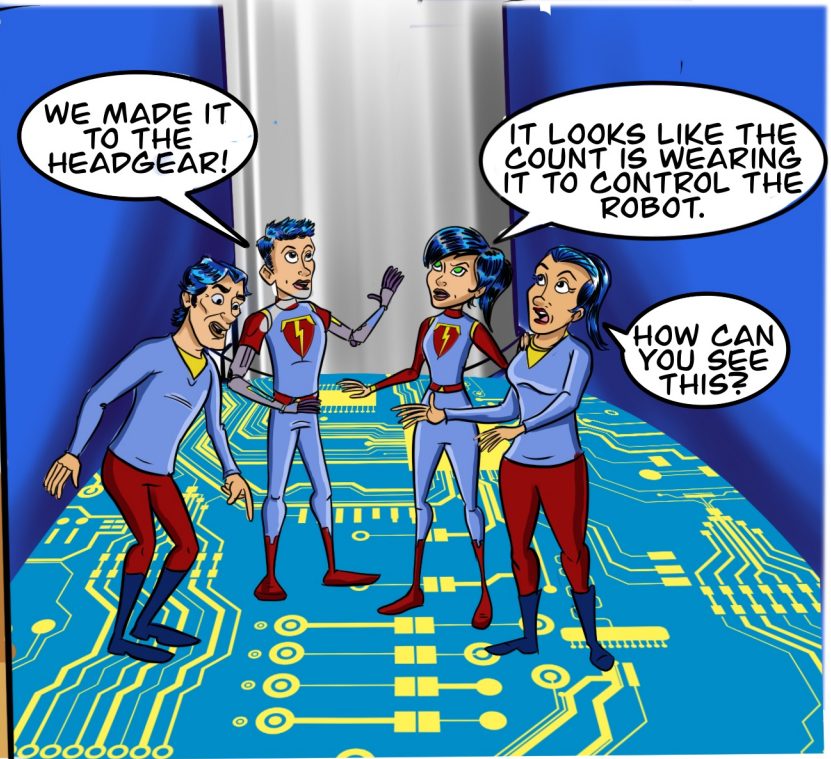
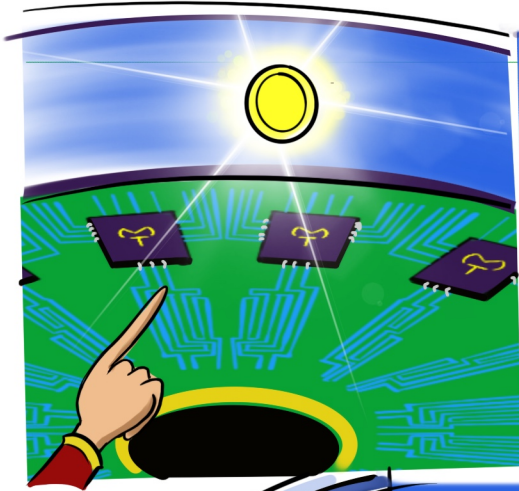
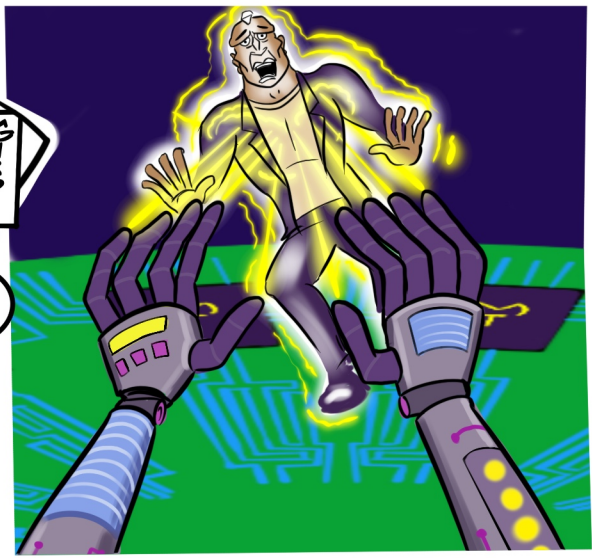
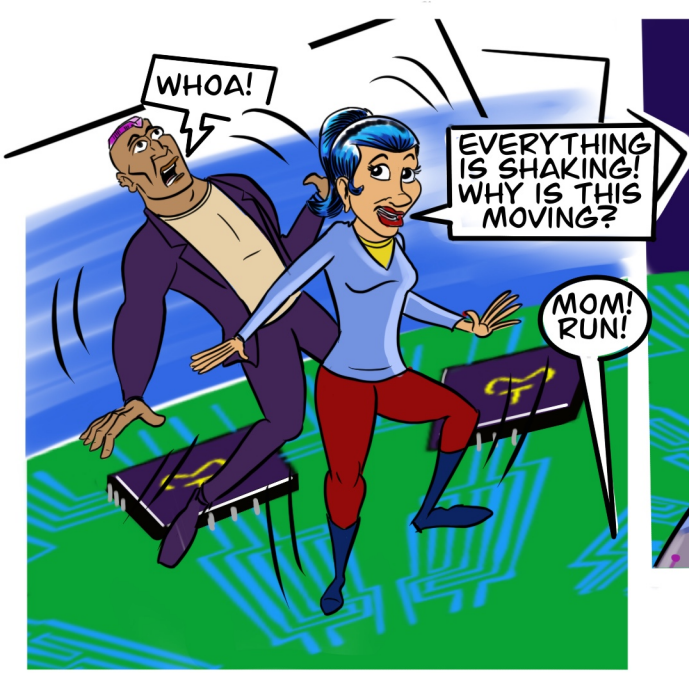






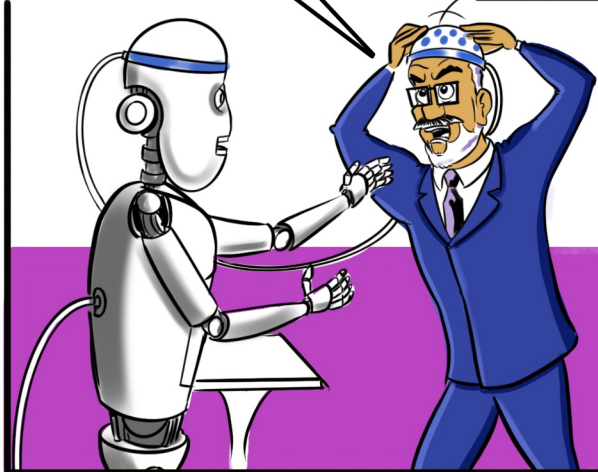




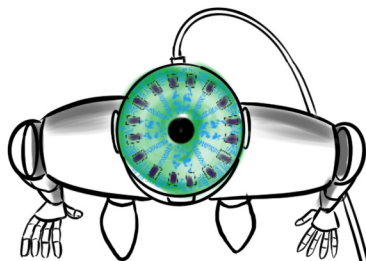




DESTROY THE CONNECTION TO THE COMPUTER. THAT MUST BE HOW THEY GOT IN.



I DON'T KNOW WHERE OUR GUESTS ARE!



IT'S TIME TO CONTROL THIS REMOTELY.



THOR! ARE YOU THERE? STOP GAINS!



WE'RE NOT ALONE!



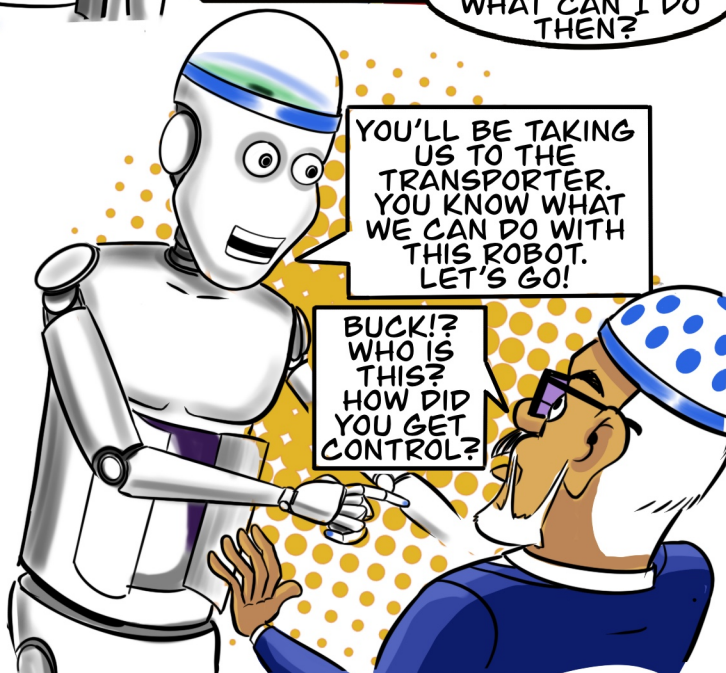
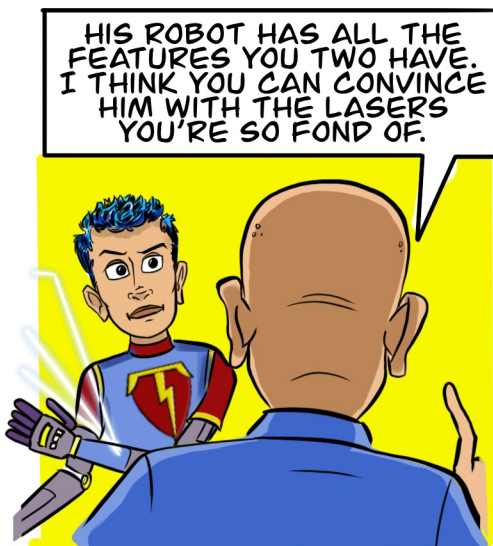
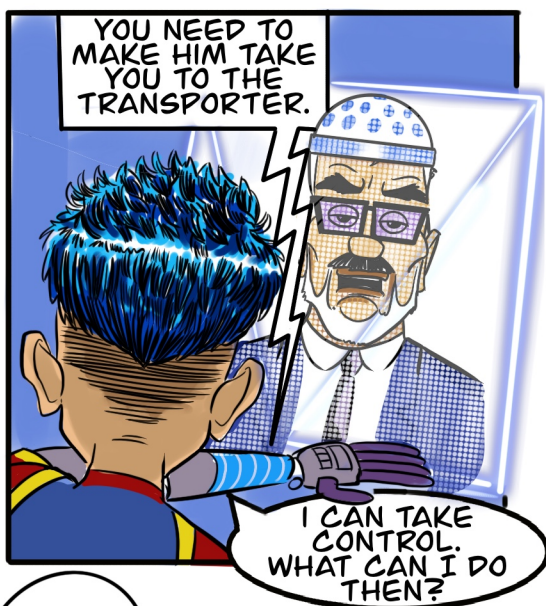
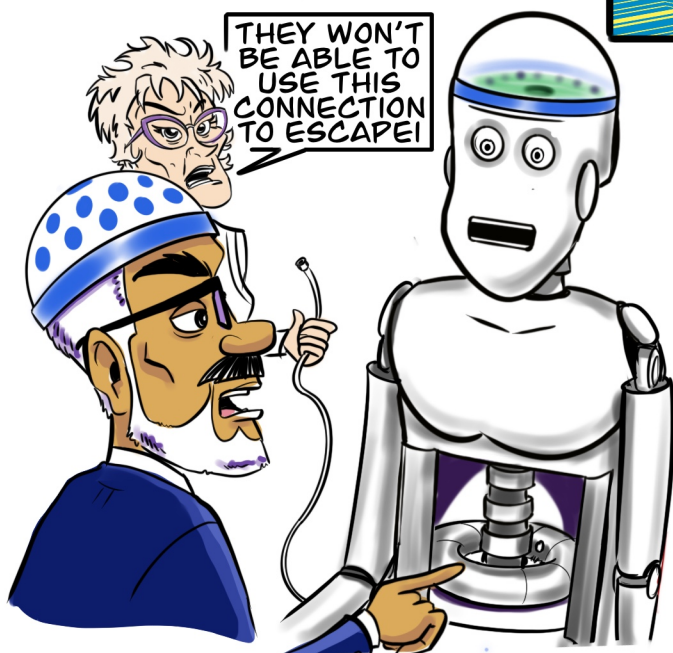
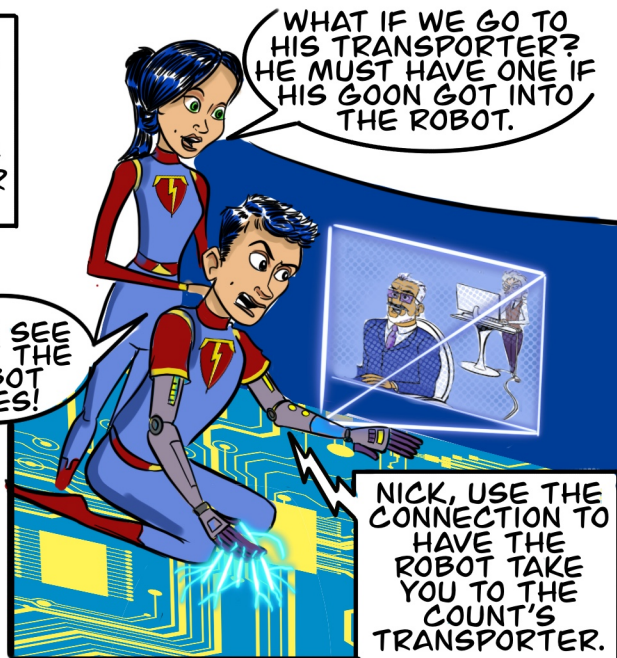
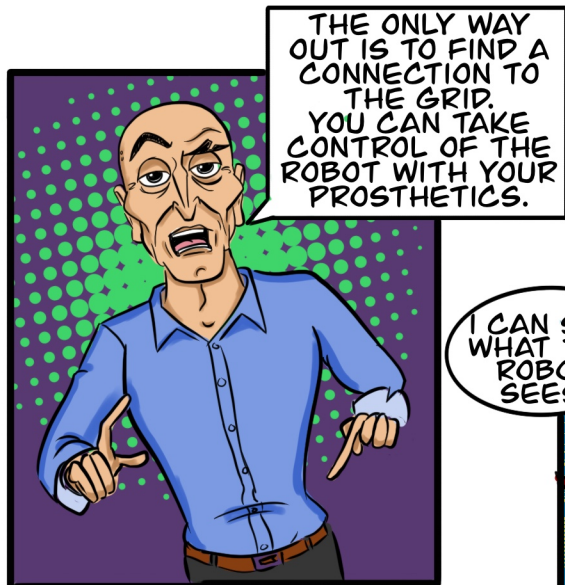
I SEE YOU, GAINS!



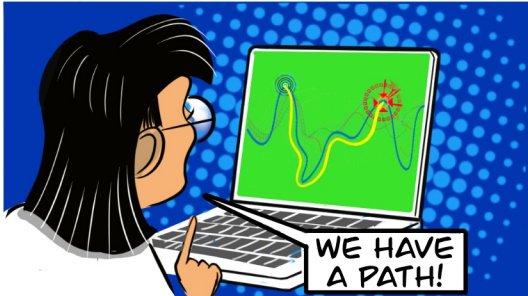
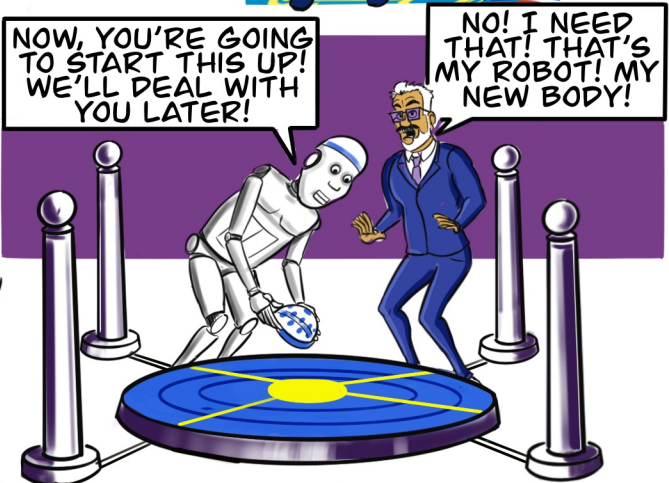
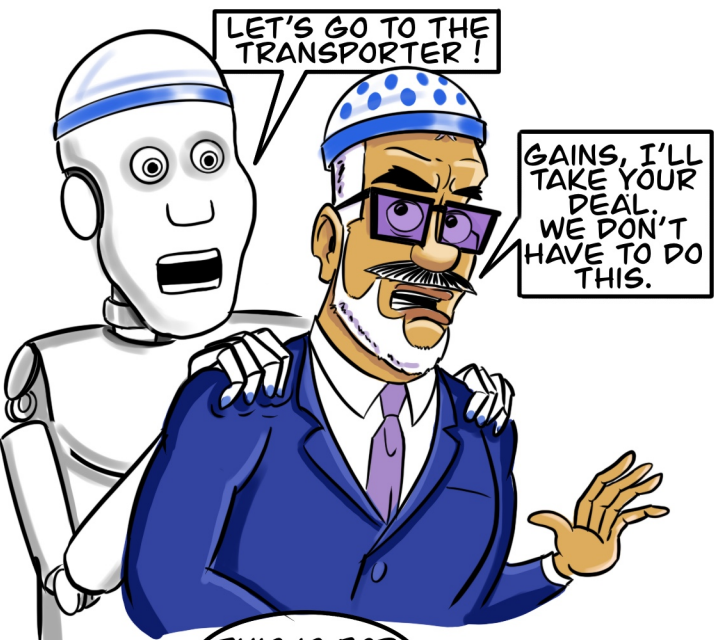
HOW COULD YOU HAVE DONE THIS TO US, BUCK?

GAINS! YOU'LL PAY FOR THIS!

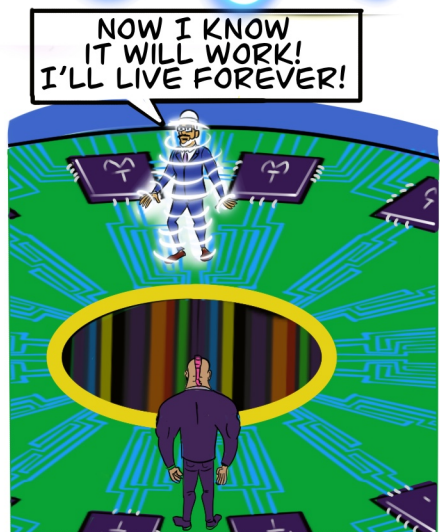




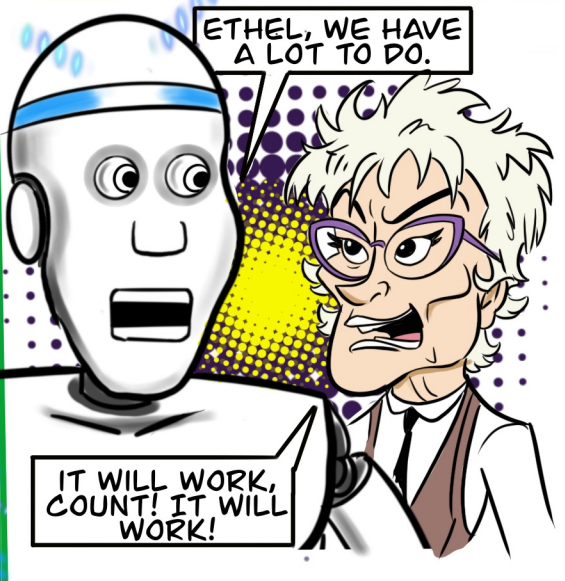
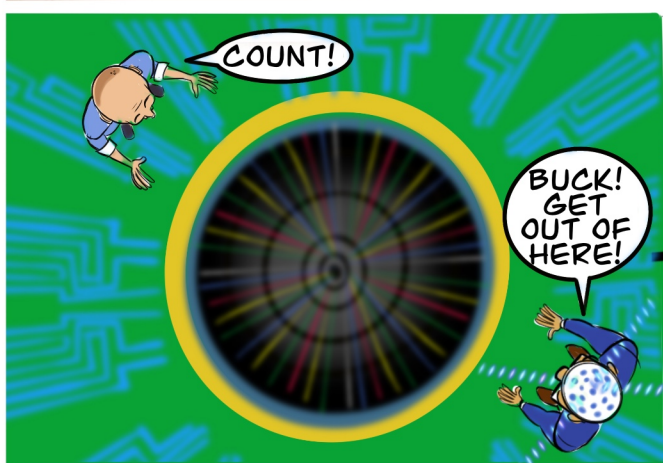
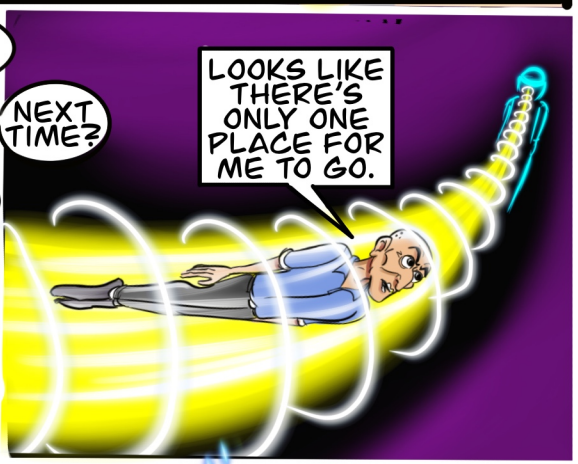
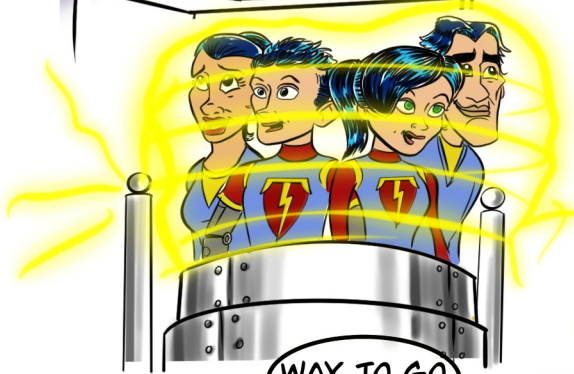
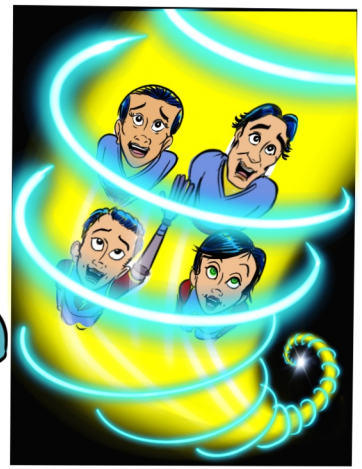














## Nikola Tesla

Nikola Tesla was a Serbian-American inventor, electrical engineer, mechanical engineer, and futurist who is best known for contributing to the design of the alternating current electricity supply system that we still use today. Tesla patented many of his inventions; and he was well known for his showmanship when he gave demonstrations.

Born: July 10, 1856, Smiljan, Croatia

Died: January 7, 1943, New York, N.Y.

Education: Graz University of Technology (1875–1878)

Awards: Elliott Cresson Medal (1894),

IEEE Edison Medal (1916),

Order of the Yugoslav Crown (1931),

John Scott Legacy Medal (1934)



## Albert Einstein

Albert Einstein was a German-American physicist who developed the special and general theories of relativity. He won the Nobel Prize for Physics in 1921 for his explanation of the photoelectric effect. Einstein is generally considered the most influential physicist of the 20th century. His formula,  $E = mc^2$ , has been called “the world’s most famous equation.”

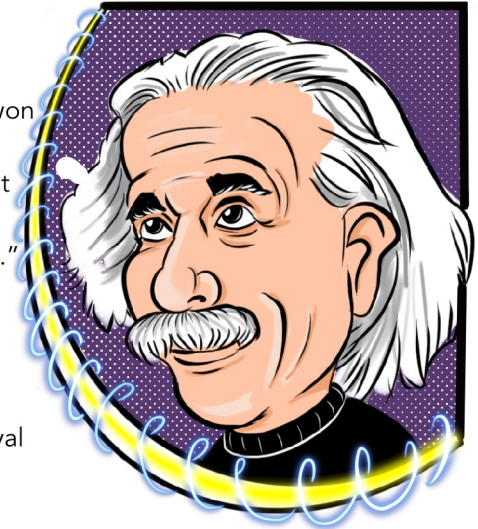
Born: March 14, 1879, Ulm, Germany

Died: April 18, 1955, Princeton, New Jersey

Education: Swiss Federal Polytechnic School in Zürich (1896–1900), University of Zurich (Ph.D., 1905)

Awards: Nobel Prize in Physics (1921), Gold Medal of the Royal Astronomical Society (1926), Max Planck Medal (1929),

Member of the National Academy of Sciences (1942)



## Stephen Hawking

Stephen Hawking was an English theoretical physicist, cosmologist, and author, whose book, *A Brief History of Time*, is a worldwide bestseller. Hawking did ground-breaking work in theoretical physics and quantum mechanics; but he is perhaps best known as a prolific author, who could explain science in a way that was broadly accessible.

Born: January 8, 1942, Oxford, England

Died: March 14, 2018, Cambridge, England

Education: University of Oxford (1959–1962),

University of Cambridge (Ph.D., 1966)

Awards: Fellow of the Royal Society (1974),

Commander of the Order of the British Empire (1982),

Presidential Medal of Freedom (2009),

BBVA Foundation Frontiers of Knowledge Award (2015)





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## About the Author

Jeff Knurek, Jumble cartoonist, is an award winning toy and game inventor, consumer product developer, graphic artist, illustrator, cartoonist, and puzzle creator. Knurek's first game invention to make it to market, in 1989, was the outdoor game, *Spikeball*. His other game credits include *Family Fun* magazine's "Toy of the Year" award winners: "What's In Ned's Head?" and "Monster Under My Bed." Knurek also develops and licenses children's magic tricks and products for Las Vegas headliner, Mac King.

In 2008, Jeff Knurek became only the third artist to draw the popular Jumble puzzle cartoon, seen in more than 600 newspapers. He took over the art duties for Jumble, when the great Henri Arnold retired. Knurek's unique humor and style can be seen in the caricatures and fun pop culture references placed throughout his cartoons.

Knurek is also a singer-songwriter. His first album, *Risk Taking Is Free*, is an eclectic mix of songs inspired by his diverse love of many genres of music. He has begun work on his second album.

Knurek's hometown is Southgate, Michigan. He has lived throughout the Midwest, in Ohio, Illinois and Indiana. Knurek received a B.F.A. in Industrial Design, with an Art Education certification, from the University of Michigan. In 2007, he donated a kidney to a family member with Polycystic Kidney Disease, and both are doing great. Knurek currently resides in Fishers, Indiana, with his wife Kathy; and children, Sydney and Cameron.



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