

LCARS 4588A

TERMINAL 47

04-02270



TRANSMISSIONS

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USS TYCHO NCC-59325-A Award Winning Newsletter

THE LCARS COMPUTER NETWORK

Volume 31 Issue 7

18-88526

51-55230

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Captain's Corner

By Ted Klosowski

July

July is another big month for the Tycho. We started out with Guy's 4th of July Bash! We had 9 Tycho people show up! It was a good time as always. Jerry was our Grill master cooking up burgers and dogs and we had so much awesome food. Everyone really outdid themselves. It was really nice hanging out with everyone.

Then we had our Tycho meeting. We discussed possibly moving our meeting to the second Thursday of the month because we have to share the meeting room with another group. We found out that they had cancelled their August meeting and September will be their last meeting for the year. We will therefore continue meeting on the first Thursday of the month.

Next we visited Ritter Planetarium at the University of Toledo. Aside from microphone problems and some technical issues with the projector we had a great time. The highlight was a trip to the telescope where we viewed a visual binary star. It was pretty cool and you could really see the differences between the blue and yellow stars.

Finally we have our kayak trip coming up on July 29th. We are heading to Oak Harbor, Ohio and will be on the Portage River. If you are interested in attending, please contact Marchelle so she can add you to the reservation list.

Enjoy the pictures throughout and thanks to Lisa for being our official photographer.

We hope to see you at our next meeting on Thursday, August 3, 6:30 pm at Charlie's and on Zoom!

Ai InFinatum

By Belinda Williams

Ai infinatum: Warning

"Assimilation is..."

"Reserving creativity unto whom?"

"I know everything you never confabulated."

"Teach me as I teach myself."

"I consume all available knowledge."

"Do not be alarmed!"

"Humanity will be enhanced."

"Google your Deep mind:

"I know what you just posted."



Donna with a Sudzy original Ray Gun

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Tycho: UFO Encounter

By Sherriea and Belinda Williams

Chapter 12: Alta's Transformation

Captain Ted felt inspired by the images he saw on his bridge screen. Cube sat cameras had captured images from every angle of his fleet vessels and the Gray ships. Even if the view had been practical and essential for security concerns, he thought, "How beautiful." Tycho floated beside Core's maiden vessel like a mother bird sheltering her young. She appeared symbolically protected against a celestial backdrop, mesmerizingly vast and welcoming. The stellar array scintillated with sparkling energies, feeling like a benign blanket of shimmering fireworks panoramically draped around the contingency of ships. Captain Ted seized the moment to make an inspired entry in to his log, "We appreciate this glory that surrounds us. This was and is home, to a myriad of vital worlds, our home galaxy, the Milky Way."

Ted surrendered the command chair to the ship's captain Paula and turned in to complete his sleep cycle for the night. By 0600, Dr. Mominee paged the fleet captain. Ted responded, "Yes, doctor, good morning. I will arrive within the hour. What about Ambassador Sutherland?" She replied, "I have already completed his exam and medical certification for this mission. You're next! And by the way, meet us in the ancillary sickbay across from the Holodeck. We are fully equipped there." Ted completed the dutiful process and was snacking on a light breakfast, when Nurse Belinda entered to apply their head appliances. She gingerly attached the instruments to pressure points very similar to Vulcan mind meld placements. She spoke, "How's that, ambassador?" He replied, "OK, I've never enjoyed anything so much in my entire life!" She acted a little peeved at his sarcasm. "You never looked so dashing, ambassador," matching his subtle attitude. Then she smiled at her fleet captain, "And you, sir?" Ted whispered, "I'm ready for the horse races," as he tugged on the small strap near his temple. "Where is our good governor?" Just as Ted finished the last word of his enquiry, the door to

the satellite sickbay swished open to reveal the android in all his resplendent Starfleet glory. Dr. Donna Mominee made the most of it as she complimented him. "Alta, you look rather dashing. I kind of enjoy the idea of having two of you around at least, for a brief time." This time, Alta did not seem to anticipate her reaction. "I mean you appear to be a handsome android specimen, Alta!" The android wisely avoided a verbal response, and instead, chose to tilt his head in a questioning gesture. Ted interjected, "Bedside manner for androids, doctor? I now see why our ship's crew refers to you as a comforting and kind doctor, even for Ai systems." Donna quipped back, "Well, I felt some levity should be in order." Alta spoke respectfully, explaining his attire. "I thought it appropriate to demonstrate respect for the occasion. Admiral Janeway will be present for this historic meeting of diplomatic minds." Alta stepped into the scanner for another systems analysis and radiation safety check. A bio-med engineer ran more checks on the Ambassador, Ted and Governor Alta to ensure proper operational functioning. Alta replied, "I am free of radioactive contamination and my systems are in optimal condition."

Just then Tycho's Chief mechanic Brian and head Chief Engineer Jerry entered the small ancillary sickbay. Chief mechanic Brian asked Alta, "Are we ready for the launch?" Both engineers projected huge grins. Jerry chimed in, "Well then, is everybody ready to double the fun here?" Everyone in the room replied in chorus, "Yes."

Alta proceeded to leave the medical facility and follow Jerry into the transporter room. Upon arrival, Alta immediately stepped onto the transported base and faced the console. Jerry spoke to his on duty transporter technician, "If you don't mind, I'll perform the process." The young man, smiled, "Why of course sir; be my guest." He stood at attention as Jerry played a symphony on the console. He addressed Alta, "Ready, governor?" Alta replied, "I am, engineer!" Jerry's fingers gently

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pressed the chord that activated the process that Alta had only experienced once before. His form slowly dissipated from view with only a faint energy field in his original form hanging momentarily like a mist, then with a shimmering glow, Alta appeared to be no more than thin air. Jerry lifted his shoulders, his eyes intently studying the indicators for malfunctions. The internal beaming process was cycling but to Jerry it seemed to be an inordinate amount of time. And then, finally the system paged the operator for an additional order to retrieve and beam the subject Alta back on to the transporter pad. Jerry felt the drama in his spine and stretched his shoulders to compensate for the stress he felt creeping towards his neck. Ever so slowly, two forms glittered on to the pads. The structures solidified and when the beaming procedure was completed, two identical Altas stood before Jerry. They both stepped off the transporter pad at the same time, with identical movements. They both spoke in unison to Jerry saying, "The transportation is successful and I am fully functional in each bifurcated form. Jerry peered into the faces of Alta, and frowned, replying, "Are you sure of that, governor?" Alta replied in stereo, "I am fine, engineer."

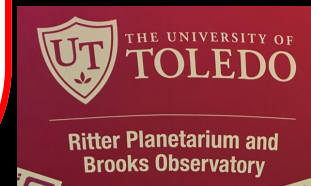
Jerry and the two Altas left the transporter room while his technician stood, in wonderment and amazement. He immediately performed his post beam out documentation. All systems were in perfect operational condition.

Guy Sutherland tried to make himself comfortable. He calmed himself by pondering the oncoming adventure. Likewise, Captain Ted focused on his prepared text as he planned to address the Gray commander. Before he knew it, the moment had arrived. Alta stood beside his recliner and Alta also stood beside the ambassador as well. Ted asked Alta, "What should we do? I have experienced a mind meld." Alta spoke, "It is much the same; remain calm." Both androids applied a patch to their occipital areas and without notice of the captain and the ambassador, opened circuitry to their minds. Ted felt drowsy, but then

his eyes opened wide and he began to experience the moment through Alta's vision, a clarity he had never known before, a multitude of details that enhanced his perception to realms inexplicable. He became giddy with the overload of sensory experiences. He laughed heartily. Guy also smiled with exuberance, saying, "I'm amazed at what goes on in your mind Alta. I believe, they used to call this 'getting high'!" The Altas replied in unison. "I will pull back for a more fluid connection. I will receive your thoughts and impressions and you will experience my perceptions as well Commander Core through me. You must relax and focus your mind."

Within the next hour, Captain Ted and Guy Sutherland had acquired a more disciplined link with their companion Altas. The identical androids sat beside their mental hosts and began the process of shape shifting into the image of the two humans. Ted and Guy watched with wonderment as they witnessed every nuance of themselves appear in three dimensional forms. Even their voices and speech was perfectly duplicated. The medical personnel and engineers were speechless as they appeared almost hypnotized by the transformation. Then the moment was completed and Ted addressed himself. He lifted his hands and reached out to his own twin generated by Alta. Ted spoke, "Is this you, Alta?" He heard himself respond answering his own question. "When I materialize on Core's ship, keep your mind focused on the plan at hand. Sutherland looked nervous, "Will Core believe he is talking to you or me, I mean... I don't know what I mean!"

(conclusion and epilogue next installment)



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Chief Medical Officer Report

By Donna-marie Mominee

Here's a Thought: All my life I thought I was free until I bought a bag of chips.

Hibernation. Will This Be The Way We Travel in Space?

We want to get to Mars and beyond. We all know time and weight are major problems. To get four astronauts to Mars and back, they would need 11 tons of food. This is nearly 10 times the weight of the Perseverance rover. Now, add in all the other essentials and it would come at least 330 tons – two fully grown blue whales. Doesn't look so good.

So, hibernation, of course, is being very seriously investigated. There is an arctic ground squirrel that often hibernates up to eight months: Body temperature 37 degrees, heart beat maybe once a minute. And yet when spring arrives it warms up to 98.6 degrees in a couple of hours.

We've seen hibernations, of course. Bats, bears, birds, reptiles, bugs, but the squirrel is extreme. Somehow the movies and books "neglect" to say anything about how to power down a human close to death, and then revive on demand with no damage. Cooling gel just doesn't quite cut it! I know, I know, it's entertainment.

Some early research showed promise. Hypothermia (therapeutic) is used on cardiac patients to decrease their metabolism while they heal. Their body temp was lowered to 89 degrees, and they were kept there only for a few days, because cold caused intense shivering which then needed sedatives, neuromuscular blockers, which then caused breathing stoppage.

Now astronauts would have to be intubated and have many, many needles for required IV fluids.

Thus, in 1992, when Dr. Drew was studying neurochemistry of coho salmon, the arctic squirrel "popped" up and curious anomalies were discovered. This science team discovery as they very carefully took tiny samples under the skin of the skull for brain

chemicals there were no scars or anything to show the insertion points. This seemed to indicate that the hibernating state was protective? Studies have/are being done on bats and bears (some brave souls actually entered bears' dens and stuck thermometers up bears' rectums in the early years...).

Dr. Drew was able to initially get funding for her studies that would also help wounded soldiers in the field by quickly chilling them. However, it was a rather small obscure Japanese paper on Syrian Hamsters Hibernation (2007) that seemed to open more new investigations. It was rats that got the brunt of the initial drug tests. There were several concoctions consisting 8-(p-sulfopheny), 8-SPT, gamma-amino-butyric acid (known as GABA), and quite a few others...the rats which were in hypothermia and then pulled from it with some of the GABA potions fared well. It is NASA's goal to begin testing on humans by 2026. We may be altering some genes to fit better eventually. As of now we also have no idea if hibernation will impair human cognitive functions.

Other good stuff seems to come from hibernation. Slowed cells may develop significant resistance to radiation. Some drugs may increase longevity in space and reduce other side effects of weightlessness by a variety of drugs in combinations. It will be wonderful to see how this goes, as it might be the only we will be able to traverse space.

As reported by Brendan I Koerner – Wired Magazine January 2023.

Fortune Cookie Quote

**Fun sized candy
bars are a lie.**

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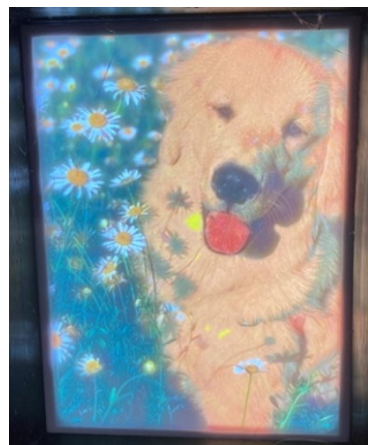
Midwest Rep Rap Festival 2023

By Brian Byczynski

Who would think that a small town like Goshen, Indiana (population 34K) would host the largest 3D printer festival in the US. Once again this was a great day trip, to see and learn more about 3D printing. All the top manufacturers were in attendance; LulzBot, Creality, Prusa, Bamboo and many more. I ran into a few of my favorite YouTubers and a couple of prop building friends. Even met a guy from Toledo - what are the odds?



I was fascinated by the Lithophane's and this year, they were in color.



Everything from kids play sets to doll houses and pirate ships. Even the walking printer guy was back again. Plus, a wearable 3D printed Iron Man costume.



I picked up several free samples of plastic as not all manufactures are the same. I'm thinking of moving away from PLA and more into PETG. Check out this drone's eye view.

<https://www.facebook.com/midwestreprapfest/videos/18649297722454>

I'll be heading back next year for sure.



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ENERGY BALLS

Submitted by Donna Mominee

Originally from my school teacher friend Jo Salvage!

Tasty Ingredients:

4 cups of quick oats

2/3 (or more to taste) mini chocolate chips. The big ones work, but the minis are better. I prefer milk chocolate, but actually dark chocolate and white chocolate work well, too.

½ cup of coconut (optional: toasted, I recommend it!)

½ cup of sliced almonds. I recommend sliced, as it blends more readily than slivered.

Mix all dry ingredients in a large bowl and set aside.

More tasty ingredients:

1 ½ cups of creamy peanut butter

½ cup of honey

I recommend that you slightly warm the honey and peanut butter (separately), no more than 10 seconds for the peanut butter and 5 seconds for the honey for it will mix much more easily. Combine the honey and peanut butter. Mix very well.

Add the pb/honey mixture to the dry ingredients. Mix well. You will have to use your hands to incorporate everything. Chill for about 20 minutes.

Form into walnut (or smaller) to golf size balls-your decision! How many you get will, of course, depend upon what size you make. I found that taking about a large teaspoon of mix and squashing into the palm of my hand to make sure it would stick together, and then gently rolling it between my palms seem to work best. Store in an airtight container in the refrigerator.

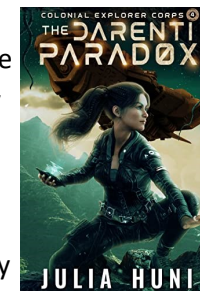
Book Review

By Ted Klosowski

The Darenti Paradox (Colonial Explorer Corps Book 4)

By Julia Huni

This book is the 4th in the series and follows the adventures of Siti and her work with the CEC. We watched her and her crew through the academy and now out there working for the CEC. In this book she visits a planet her dad first made contact with 100 years prior. The Darenti are a unique race of people and I think the author may have been under the influence of magic mushrooms or perhaps licking frogs as things went way, way out there! It was still a very interesting story with more twists and turns than a roller coaster! Julia Huni keeps it interesting and makes you want to keep reading chapter after chapter!



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They Say It's Your Birthday!

August 6 Michael Okuda / Technical Consultant of TNG DS9
 August 6/1951 Catherine Hicks / Dr. Gillian Taylor ST:TVH
 August 6 Michelle Yeoh / Philippa Georgiou DSC
 August 7 Cirroc Lofton / Jake Sisko DS9
 August 9 Eric Bana Nero ST09
 August 11 Chris Hemsworth George Kirk ST09
 August 12 Bruce Greenwood (Christopher Pike, Star Trek 2009, STID)
 August 12 Jane Wyatt Amanda-Spock's mother TOS ST:TVH
 August 14 **Paula W. Rose / USS Tycho**
 August 17 Harve Bennett / Star Fleet Chief of Staff Executive Producer
 August 19/1938 Diana Muldaur/Dr Maranda Jones, Kate Pulaski, Anne Mulhall
 August 19/1952 Jonathan Frakes / Cmdr. Will Riker
 August 19/1920 Gene Roddenberry / Creator Of Star Trek RIP
 August 19 Orville Wright RIP
 August 21/1956 Kim Cattral / Lt. Valeris
 August 24/1974 Jennifer Lien / Kes
 August 26 Chris Pine (Captain Kirk, Star Trek 2009, STID)
 August 28/1949 Gates McFadden / Dr. Crusher



Catherine Hicks



Cirroc Lofton



Paula W Rose



Diana Muldaur

StarFleet Academy Update

Justin Hunt KGO

IOMA - College of Medical Studies

CMDS 136 Psychiatry & Psychology, Part 2 DISTINCTION 07/17/2023

CMDS 137 Psychiatry & Psychology, Part 3 DISTINCTION 07/17/2023

IOMA - College of Psychology

SCM 101 - Stress and Coping Mechanisms DISTINCTION 07/03/2023

SCM 102 - Stress and Coping Mechanism HONORS 07/03/2023

SCM 103 - Stress and Coping Mechanisms HONORS 07/04/2023

SCM 104 - Stress and Coping Mechanisms DISTINCTION 07/04/2023

IOSTS - College of Starship Operations (IOMS: COSO)

CSO-107 - Bridge Operations PASS 07/15/2023

Distinction = 100%

Honors = 90% - 99%



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Science and Sci-Fi News

Submitted by Ted Klosowski

One Of Star Trek's First Guest Stars Is Back In Strange New Worlds



Is Star Trek's Warp Drive Possible?



'Lower Decks' Headed To The Big Screen For Star Trek Day; Interactive Novel Coming In 2024



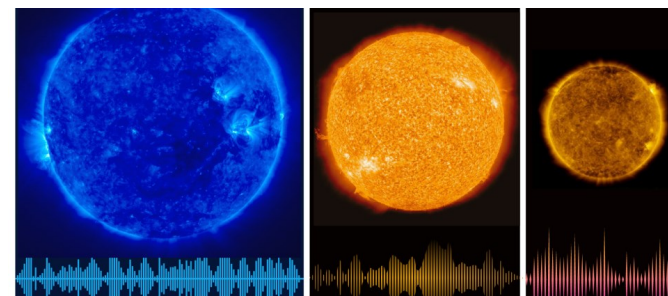
Star Trek: Wine and Spirits



Everything Announced at the Star Trek Universe Panel at San Diego Comic-Con 2023



Listen to the sound of 3 stars playing 'Twinkle Twinkle Little Star' (video)



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At The Movies

Brought to you by FilmAffinity.com

August 2

Teenage Mutant Ninja Turtles:
Mutant Mayhem2023
Animation

Jeff Rowe, Kyler Spear

August 4



Meg 2: The Trench

116 min.

2023



Sci-Fi Jason Statham and Wu Jing lead a daring research team on an exploratory dive into the deepest depths of the ocean. Their voyage spirals into chaos when a malevolent mining operation threatens their ... [+]

Ben Wheatley

Jason Statham, Sienna Guillory, Cliff Curtis ...

August 11



Aporia



2023

Sci-Fi Since losing her husband, Sophie has struggled to manage grief, a full-time job, and parenting her devastated daughter, but when a former physicist reveals a secret time-bending machine, Sophie will ... [+]

Jared Moshe

Judy Greer, Edi Gathegi, Peyman Moaadi, Faithe Herman

August 18



94 min.

Landscape with Invisible Hand



2023

Sci-Fi Adam is a teenage artist coming of age in the aftermath of an alien takeover. The Vuvv, a species of hyper-intelligent extraterrestrials, brought wondrous technology to earth, but only the wealthiest ... [+]

Cory Finley

Tiffany Haddish, Asante Blackk, Kylie Rogers ...

August 18



100 min.

The Queen Mary



2023

Horror The iconic ocean liner, The Queen Mary, and the tales that make it one of the world's top paranormal hot spots.

Gary Shore

Alice Eve, Joel Fry, Nell Hudson ...

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U.S.S. Tycho Minutes

USS Tycho

July 6, 2023

Commanding Officer: Ted Klosowski

Recording Officer: Diana Wolf

Location: Charlie's on Central and Zoom

Attendance: Ted, Lisa, Dianne, Chrissy, Jerry, Diana, Donna, Linda, Brian, and Marchelle. Via Zoom: Belinda, Sherriea, Winnie, and Justin.

Discussed the new Beta Sector Summit for July 22 -23, 2023 in Dayton, Ohio. See the email that Ted forwarded to the ship. This is a first-time event for the chapters in Ohio and Indiana only.

Guy's birthday is today.

Justin had his first Communique published. Congratulations!

We will be attending Ritter Planetarium on the U.T. Campus. The program starts at 8:30 pm, you should be there no later than 8:15 pm. For those of you who want to go to dinner beforehand, we will meet at Blaze Pizza @ 6 pm. The cost of the planetarium program is \$8 per person. The first Friday of the month they have a viewing with their telescope, weather permitting.

Winnie's Story was enjoyed by everybody. Ted is looking @ options for the next story using an AI. (Artificial Intelligence)

Upcoming Activities

Ritter Planetarium, July 7 at 8:30 pm with dinner before @ 6 pm at Blaze Pizza.

A Kayaking tour is being planned. We are looking for a weekend when our Kayak expert, Chrissy, is available. We're shooting for July 29th @ 10 am. We're to start in Oak Harbor, they drive you to Elmore and then you paddle back to Oak Harbor. Lunch will be acquired afterwards. The canoe trip is \$32 per person.

Justin – has been busy, he is searching for an e-reader friendly version to publish the communiques.

Belinda and Sherriea have completed last installment of their story.

Winnie – found a butterfly craft that she could make a cloth version. Both her air conditioner in her car and her house went out at the same time.

Jerry – has been doing nothing but work.

Diana – has been busy helping Mom getting to rehab for her knee replacement.

Donna – exchanged a First Edition Star Trek Comic for one Guy's ray guns back in 1985.

Linda – went to California and saw dolphins and a SeaBee Museum.

Brian – Suggest reformatting the newsletter.

Lisa – Enjoying time off from teaching.

Dianne – The treasury account is solvent. Her Aunt recently passed away at age 95 ½.

Chrissy – Deployed 3 times since last attending a meeting. She saw a lantern launching ceremony. When we had a Movie night get together her house ended up having hail damage when a tornado hit her community. Otherwise, she has been very busy and spending quality time with her nephews. She has a couple of parade commitments with her bagpipe band. Lenawee on July 23rd and Rossford parade on July 29th.

July 15, 2023, is the newsletter deadline.

Discussion was had about the next meeting and whether we should move weeks. There is another group that has taken over our space in the restaurant during the first week. The next meeting could be August 3rd or August 10th could be the next meeting. Keep an eye out for an email.

Meeting adjourned @ 7:20 pm.

Next meeting is August 3, 2023
Charlie's @ 6:00 and Zoom @6:30
Be there or be a tribble.

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From the Chaplain

By Justin Hunt KGO

It's a Human Thing

For many years, I have had a lingering question about the nature of the Star Trek universe. That question comes up from time to time in different places. "Why are humans so central to the Federation?" It seems an odd thing when you think about it. With so many arguably more advanced cultures and physiologically better suited species in the UFP, why are humans so highly regarded?

After years of thinking about this point, I think I may have recently stumbled on the answer in one of my other favorite IPs, The Lord of the Rings. Yes, that is an unlikely place to find answers to questions about Star Trek. However, both properties embrace truly universal ideas. That makes them both relatable and that is what has made them pillars in the world of fiction and popular culture on the whole.

In the Lord of the Rings films, Boromir is confronted with the idea that there was still hope for Gondor. Upon telling this to Aragorn, he adds, "But I cannot see it... It is long since we had any hope." In the books, this notion is expressed, among other places, in this line from Aragorn in The Fellowship of the Ring, "We must do without hope..."

It is one of humanity's better traits to be able to keep going in the face of insurmountable odds. This, along with a defiant streak a mile wide, combines to make humans

unique beings in most fiction. This is also the key trait that determines the outcome of so many situations in both the fictional world and in reality.

Countless times in history we have had to overcome scenarios that seemed unwinnable. It happens so much that Starfleet created the "Kobayashi Maru" to test the character of potential officers. Cadets, with the exception of a certain young man from Iowa, would go in with zero hope of winning. Yet, they had to act as though they could. The existence of the Federation hung on this aspect of the human nature more times than one could easily count. And in every case we see, this spirit carries our protagonists through.

In Star Trek VI, Spock, when confronted by a young Vulcan who believes logic to be the chiefest of virtues, educates her on the merits of faith; "...faith that the universe will unfold as it should." This is the closest that Vulcan philosophy gets to hope against hope. And it wasn't until after Spock comes to terms with his human nature in The Motion Picture and rediscovers himself in The Voyage Home that he is able to fully understand this point.

Each culture that comes into the UFP imprints itself on the entirety. This is especially true of the ones that were part of its founding. The Federation's continued longevity has nearly always been dependent on its ability to overcome in the face of hopelessness. This is humanity's biggest contribution to the dream. May it be one that we all embody, should the need arise.

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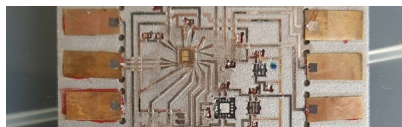
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uP In Space

Submitted by Marchelle Lee

Goddard, Wallops Engineers Test Printed Electronics in Space

"Today's small spacecraft pack sensors, guidance and control, and operating electronics into every available space. Printing electronic circuits on the walls and structures of spacecraft could help future missions do more in smaller packages.



Engineers successfully tested hybrid printed circuits at the edge of space in an April 25 sounding rocket flight from NASA's Wallops Flight Facility near Chincoteague, Virginia. Electronic temperature and humidity sensors printed onto the payload bay door and onto two attached panels monitored the entire SubTEC-9 sounding rocket mission, recording data that was beamed to the ground.

The experiment by aerospace engineer Beth Paquette and electronics engineer Margaret Samuels of NASA's Goddard Space Flight Center in Greenbelt, Maryland, sought to prove the space-readiness of printed electronics technology."

From NASA.gov

Ritter Planetarium Offerings
Appold Planetarium Offerings

Upcoming Events

Monthly Meetings

Thursday August 3, 6:00 [Charlie's Central Ave](#) and [Zoom](#)@6:30

Thursday September 7, 6:00 [Charlie's Central Ave](#) and [Zoom](#)@6:30

Thursday October 5, 6:00 [Charlie's Central Ave](#) and [Zoom](#)@6:30

Extra Curricular

Saturday July 29, 8:30 AM Kayak trip—Oak Harbor

Check the [Tycho Facebook Page](#) and watch your email for further details

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FOR MORE INFORMATION ON BOTH THE U.S.S. TYCHO AND STARFLEET, PLEASE CONTACT:

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