

OSFS Statement

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Pinwheel-Shaped Galaxy by NASA, ESA, The Hubble Heritage Team, (STScI/AURA) and A. Riess (STScI) and Red Sea Coral Reef by Wusel700



Ferromanganese crusts collected by James Hein nearby Hawaii. Photo by James Hein

History of the Supernova at the Bottom of the Sea

How a star explosion may have shaped life on Earth.

Nautilus by Julia Rosen

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Event Coordinator – Hopefully there will be another

OSFS dinner someday. We have a monthly OSFS newsletter called The Statement. If you would like to be on the e-mail list contact the editor@ottawasfs.ca

Editor's Blather: It is a long standing tradition to give fanciful names to full moons.

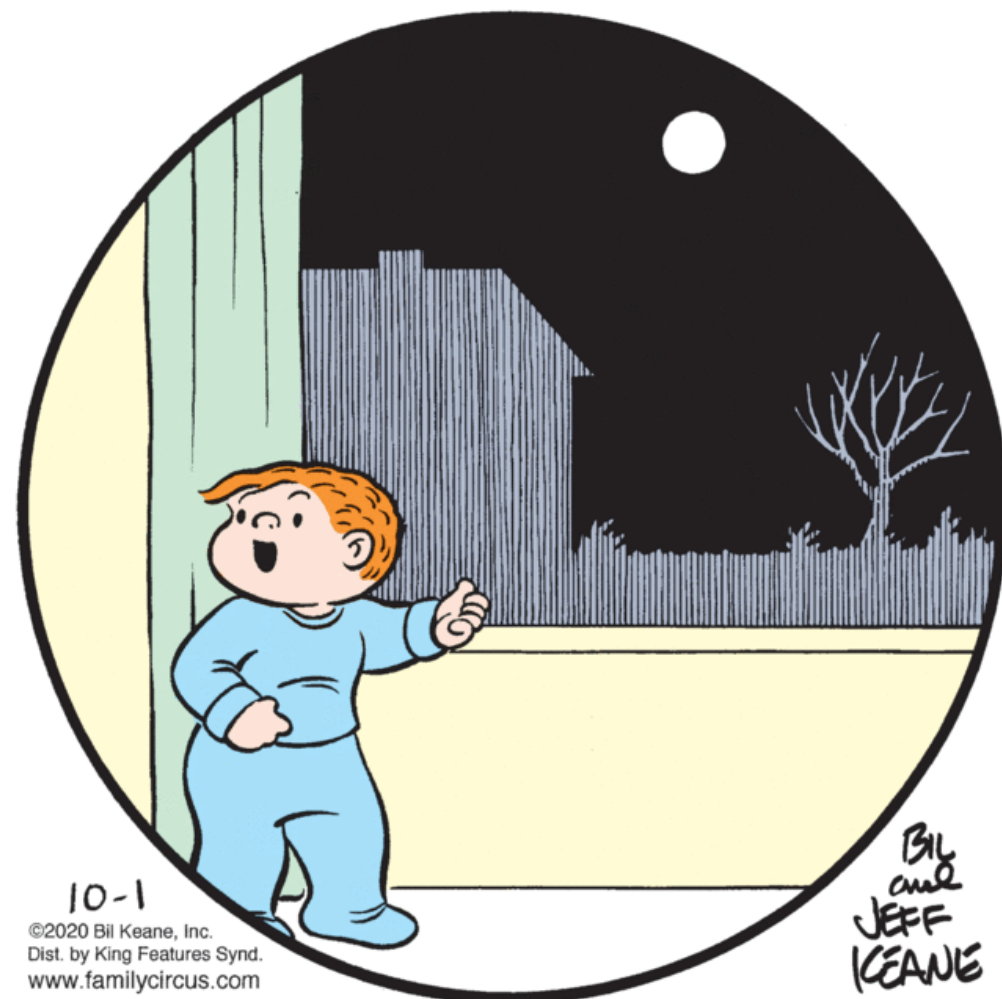
The Corn Moon gets its name from the Native Americans, according [to the Farmers Almanac](#). This moon was an indicator that it was time to harvest the corn.

This moon can get confusing because it can also be called the Harvest Moon, or the moon that occurs closet to the autumnal equinox. Depending on the year and when the phase of the moon falls, it can be both.

The Corn Moon usually appears in September, but every two or three years it appears in October. This year it was September 2 around 1:22 a.m. ET.

Since the Harvest Moon and Corn Moon are different this year, the Harvest Moon will be the next full moon set to appear on October 1.

Mars is currently in conjunction with the moon. CNN's Forrest Brown and Katie Hunt contributed to this report.



“Look! God has the whole moon on tonight.”

The Sunburst Award for Excellence in Canadian

Literature of the Fantastic has celebrated the best in Canadian fantastic literature in both Adult and Young Adult publications since 2001.

Like many other organizations, The Sunburst Award has been affected by the Covid-19 shutdown. As a consequence, the Sunburst Award Society is announcing a hiatus in its awards program for the coming year.

Members of the Sunburst Board extend their thanks to their members, their jurors, the publishing community, authors and readers for their support over the last twenty years.

Please watch for updates in 2021.

Cover story

Stars die, sometimes in a massive explosion that shoots a cloud of stellar debris, including Fe-60 isotopes, out into space; very dangerous to anything living nearby. At a guess there may have been a supernova close enough to the Earth to leave some trace about once every billion years, good odds that it has happened so look for those traces.

Fe-60 isotopes arrive on Earth and are trapped in ferromanganese crusts under oceans. These crusts grow slowly, about 5 millimeters every million years. These 25 centimeter thick samples record 500 million years in their thin layers.

And, yes, there is a spike in Fe-60 in layers that dated back about 2.8 million years, which signaled the death of a nearby star around that time. While no mass-extinction events happened 2.8 million years ago, some drastic climate changes did take place—and they may have given a boost to human evolution.

For the full article by Julia Rosen google “Supernova at the Bottom of the Sea”

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COMING EVENTS by Lloyd Penney

CAUTION may be more cancellations or new dates -
check first

POSTPONED - October ? - ? - Ragnarok XP, Doubletree
Kitchener Hotel, Kitchener. Gaming convention. FYI
www.ragnarokxp.com.

POSTPONED - October 2-3 - Horror-Rama, 918 Bathurst
St., Toronto. FYI www.horrorramacanada.com

CANCELLED - October 3-4 - London Comic Con, RBC
Place, London. FYI www.londoncomiccon.ca.

CANCELLED - October 10 - Peterborough Comicon, The
Venue, Peterborough. Admission: \$5. FYI
www.popculturecanada.com.

POSTPONED - October 10-11 - Quebec City Comiccon,
Centre des Congres, Quebec City. FYI
www.comicconquebec.com.

October 11 - Canadian ToyCon, Burlington Holiday Inn,
Burlington. Hours: 10am-3pm. FYI www.toycon.ca.

POSTPONED - October 12 - CollectiCon, Michaelangelo
Events and Conference Centre, Hamilton. Comics &
collectibles show. Admission: \$4. FYI
oneofakindshows@gmail.com.

POSTPONED - October 16-18 - Can-Con 2020, Sheraton
Hotel, Ottawa. SF literary convention. Guests: Brock
Dickinson, more. FYI www.can-con.org.

POSTPONED - October 16-18 - EGLX 2020, Metro
Toronto Convention Centre, Toronto. FYI www.eglx.com.

CANCELLED - October 17 - Cobourg Comicon, Cobourg
Community Centre, Cobourg. Admission: \$2. FYI
www.popculturecanada.ca.

CANCELLED - October 17-18 - Hamilton Comic Con,

Canadian Warplane Heritage Museum, Mount Hope, ON.
FYI www.hamiltoncomiccon.com.

CANCELLED - October 18 - Markham Comicon, Monte
Carlo Inn/Savoy Event Venue, Markham. Admission: \$5.
FYI www.popculturecanada.ca.

October 23-25 - Scintillation 3, Holiday Inn Chinatown,
Montreal. SF/F literary convention. FYI
www.scintillation.ca.

CANCELLED - October 24 - Belleville Comicon, Royal
Canadian Legion, Belleville. Admission: \$5. FYI
www.popculturecanada.com.

CANCELLED - October 24-25 - Frightmare in the Falls,
Scotiabank Convention Centre, Niagara Falls, ON. Guests:
Bill Moseley, William Forsythe, Julian Richings, Michael
Berryman, R.A. Mihailoff, Robert Mukes, Andrew Divoff,
John Dugan, Linnea Quigley, Brabara Crampton, Dee
Wallace, Ari Lehman, Adrienne King, Lar Park Lincoln,
Terry Kiser, Kane Hodder. FYI
www.frightmareinthefalls.com.

CANCELLED - October 24-25 - Centre des congres de
Quebec, Quebec City. FYI TBA.

ONLINE - October 24-25 - TFCon Online. Transformers
convention online. FYI www.tfcon.ca.

October 25 - Burlington Comic Book Show, Burlington
Holiday Inn, Burlington. Hours: 10am-3pm. FYI
www.gtacons.com.

CANCELLED - October 25 - Stratford Comicon, Arden
Park Hotel, Stratford. Admission: \$5. FYI
www.popculturecanada.com.

October 29 - November 1 - YoumaCon 2020, TCF Center
and Renaissance Center, Detroit. FYI www.youmacon.com.

October 30 - November 1 - Geek-It! 2020, CEPSUM - University of Montreal, Montreal. Anime, Comics, Gaming convention. Guests: Axel & Hellune, BurlesGook Montreal, East2West, Joblo Media, Leobane, Lovelive Sunrise, Mega Ran, Nikita Cosplay, Phil Mizuno, Wordburglar. FYI geekitcon.com.

October 30 - November 1 - Breakout 2020, Sheraton Centre, Toronto. Table-top gaming convention. Guests: Avery Alder, Elizabeth Chaipraditkul, Omari Akil. FYI www.breakoutcon.com.

November 1 - Napanee Comicon, Strathcona Paper Centre, Napanee. Admission: \$2. FYI www.popculturecanada.ca.

POSTPONED - November 7-8 - StarCon-T.O., Delta Hotels by Marriott Airport and Conference Centre, Toronto. Star Trek convention. Guests: Vaughn Armstrong, Casey Biggs, Robin Curtis, Keith R.A. DeCandido, Russell Landers, Jennifer Maillet, Toronto Picard, Spock Vegas, Klingon Assault Group, Eric Choi. FYI starcon2020@gmail.com, www.starconto.com.

CANCELLED - November 6-8 - Fan eXpo Limited Edition, Metro Toronto Convention Centre North Building. FYI www.fanexpocanada.com.

November 7 - Pop Culture Con, Germania Club, Hamilton. Admission: \$2. FYI www.popculturecanada.ca.

November 10-13 - EGLX 2020 Online. Gaming convention. FYI www.eglx.com.

November 14 - Orillia Comicon, ODAS Park, Orillia. Admission: \$5. FYI www.popculturecanada.com.

November 14 - VaughanCon, GTA Sportplex, Vaughan. Toys, comics and cards convention. Guests: Arias Legacy Creations, Married Makers, Andrew Speranza, Luca

Rosano, Devin Caron, Girl Pow-r. FYI

www.vaughancon.com.

November 14 - Wizarding School Year 1 3/4, Burlington Holiday Inn, Burlington. Harry Potter event and dinner. FYI www.gtacons.com.

November 15 - Canadian ToyCon, Burlington Holiday Inn, Burlington. Hours: 10am-3pm. FYI www.toycon.ca.

November 21 - Newmarket Card & Comics Show 2020, Newmarket Community Centre, Newmarket. FYI www.torontocardshow.com/newmarket.

November 22 - Toronto Comic Book Show 2020, Montecassino Hotel and Event Centre, Toronto. FYI www.torontocomicbookshow.com.

November 22 - Ajax Comicon, Legion Branch 322, Ajax. Admission: \$2. FYI www.popculturecanada.com.

November 28 - Geeked Out Geek Con - Nepean Sportsplex, Ottawa. Admission: \$5. FYI www.geekedoutevents.ca.

November 28-29 - Pretty Heroes 2020, Japanese Canadian Cultural Centre, Toronto. FYI www.prettyheroes.com.

December 5 - Garden City Comic Con, Club Heidelberg, St. Catherines. FYI see Facebook page.

December 12 - Oshawa Comicon, Delpark Homes Centre, Oshawa. Admission: \$5. FYI www.popculturecanada.ca.

December 13 - Bowmanville Comicon, Garnet B. Rickard Recreational Centre, Bowmanville. Admission: \$2. FYI www.popculturecanada.ca.

December 26 - CollectiCon, Michaelangelo Events and Conference Centre, Hamilton. Comics & collectibles show. Admission: \$4. FYI oneofakindshows@gmail.com.

December 27 - Toronto Comic Book Show 2020,

Montecassino Hotel and Event Centre, Toronto. FYI
www.torontocomicbookshow.com.

NEXT YEAR

March 19-21, 2021 - FilKONtario 30, Monte Carlo Inn & Suites, Markham. Guests: The Stone Dragons, The Blibbering Humdingers, PDX Broadsides. FYI
www.filkontario.ca.

March 19-21, 2021 - Hotlead 2021, Best Western Plus The Arden Park Hotel, Stratford. Gaming convention. FYI
www.hotlead.ca.

April 18, 2021 - 80's Toy Expo, Hilton Mississauga Meadowvale, Mississauga. FYI
www.ontariocollectorscon.com.

April 24, 2021 - CK Expo, John D. Bradley Convention Centre, Chatham. Pop culture convention. FYI
www.ckexpo.ca.

April 24-25, 2021 - CAPE ComicFest 2020, Cornwall Civic Complex, Cornwall. FYI see pages on Facebook and Twitter.

May 1, 2021 - Fort Town Steampunk Festival, Fort Wellington, Prescott. FYI www.gftacraffle.com.

May 1-2, 2021 - Ragnarok XP, Doubletree Kitchener Hotel, Kitchener. Gaming convention. FYI
www.ragnarokxp.com.

May 28-30, 2021 - Anime North 2021, Toronto Congress Centre & surrounding hotels, Toronto. FYI
www.animenorth.com.

May 28-30, 2021 - BistoCon 2021, LaQuinta Inn and Suites Detroit Metro, Romulus, MI. Professionals TV series convention. FYI bistocon.org.

June 4-6, 2021 - Niagara Falls Comic Con, Scotiabank

Convention Centre, Niagara Falls. Guests: Ron Perlman, George Takei, Matthew Lewis, Brad Dourif, Tobin Bell, Wil Wheaton, James Marsters, Corey Feldman, Michael Rosenbaum, Laura Vandervoort, Tom Wilson, Graham McTavish, William Daniels, Paige O'Hara, Patrick Renna, Curtis Armstrong, Sylvester McCoy, Daniel Logan, Paul Blake, James Jude Courtney, more. FYI
www.nfcomiccon.com.

June 18, 2021 - YetiCon 2021, Blue Mountain Resort, Collingwood. Anime convention. FYI www.yeticon.ca.

June 26, 2021 - Forest City Comicon, Centennial Hall, London. FYI www.ForestCityComicon.ca.

July 9-11, 2021 - TFcon 2021, Hilton Mississauga Meadowvale Hotel, Mississauga. Transformers convention. FYI www.tfcon.ca.

July 9-11, 2021 - Montreal ComicCon, Palais de Congres, Montreal. FYI www.montrealcomiccon.com.

July 17, 2021 - Elmvale Sci-Fi Fantasy Street Party 2019, Springwater Library, Elmvale Branch and Elmvale Community Hall. FYI www.scififestival.ca, or page on Facebook.

August 5-8, 2021 - Bricks in the Six, Westin Harbour Castle Hotel, Toronto. LEGO convention. FYI
www.brickassembly.ca.

August 6-8, 2021 - Otakuthon 2021, Palais de congres de Montreal. Anime convention. FYI www.otakuthon.com.

August 6-8, 2021 - CrossingsCon 2021, DoubleTree by Hilton Hotel, Montreal. Dian Duane's Young Wizards convention. FYI www.crossingscon.org.

August 14-15, 2021 - AniBash 2020, Seneca Park, Longhouse Shelter, Rochester, NY. Anime convention. FYI

anibash.webs.com.

August 26-29, 2021 - Fan eXpo Canada 2021, Metro Toronto Convention Centre, Toronto. FYI

www.fanexpohp.com.

Sept 10-12, 2021 - Ottawa Comiccon, EY Centre, Ottawa. FYI www.ottawacomicon.com.

Sept 18-19, 2021 - Windsor ComiCon, Caesars Windsor in The Colosseum, Windsor. FYI www.windsorcomicon.com.

Sept 24-26, 2021 - Oxford Renaissance Festival, Dorchester Fairgrounds, Dorchester. FYI www.renfest.ca.

October 2, 2021 - KisetuCon 2021, RIT Inn & Conference Center, Henrietta (Rochester), NY. Anime convention. FYI www.kisetucon.org.

October 2-3, 2021 - London Comic Con 2021, RBC Place, London. FYI www.londoncomiccon.ca.

October 9-10, 2021 - Comicon de Quebec, Centre des congrès de Quebec, Quebec City. FYI www.comiconquebec.com.

October 16 & 17, 2021 - Hamilton Comic Con, Canadian Heritage Warplane Museum, Mount Hope, ON. FYI www.hamiltoncomiccon.com.

October 29-31, 2021 - Astronomicon 13, RIT Inn & Conference Center, Rochester, NY. Guest: David Brin, Chris Barkley, Wendy and Richard Pini, Sara Felix, Tom Smith, more. FYI www.astronomicon.info, or see Facebook page.

October 30-31, 2021 - Frightmare in the Falls, Scotiabank Convention Centre, Niagara Falls, ON. Guests: Bill Moseley, William Forsythe, Julian Richings, Michael Berryman, R.A. Mihailoff, Robert Mukes, Andrew Divoff, John Dugan, Linnea Quigley, Brabara Crampton, Dee

Wallace, Ari Lehman, Adrienne King, Lar Park Lincoln, Terry Kiser, Kane Hodder. FYI

www.frightmareinthefalls.com.

November 4-7, 2021 - World Fantasy Convention 2021, Hotel Bonaventure, Montreal. Guests: Nisi Shawl, John Picacio, Andre-Francois Ruard, Owl Goingback, Yves Meynard, Chrisitine Taylor-Butler. FYI www.worldfantasy.org, wfc2021.org.

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