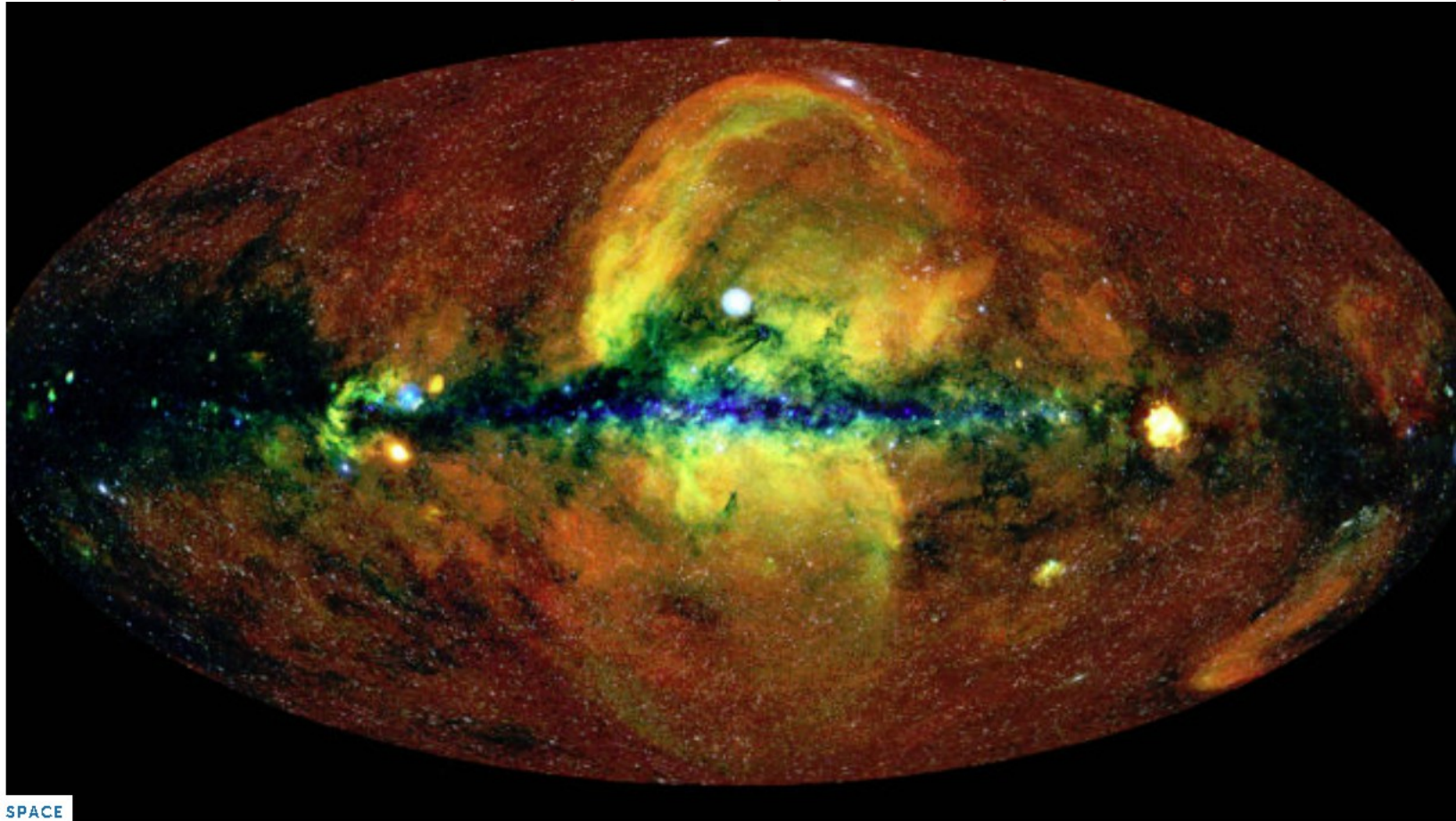




Incorporated January 16 1979

# OSFS Statement

2021, Issue 507, Volume 46, Number 4



SPACE

This is the most comprehensive X-ray map of the sky ever made

By Maria Temming • July 8, 2020

## Mysterious ‘yellowballs’ littering the Milky Way are clusters of newborn stars

Scientists have cracked the case of mysterious cosmic objects dubbed “yellowballs.” The celestial specks mark [the birthplaces of many kinds of stars](#) with a wide range of masses, rather than single supermassive stars,

The stars in the clusters are relatively young, only about 100,000 years old. For comparison, the massive stars forming in the Orion nebula are about 3 million years old, and the middle-aged sun is 4.6 billion years old.

Astronomers first thought ‘yellowballs’ were precursors to gas bubbles blown around massive, young stars (right). But a new study suggests yellowballs are actually clusters of less massive stars. JPL-Caltech/NASA

Wolf-Chase and colleagues compared about 500 of those balls to existing catalogs of star clusters and other structures to try to figure out what they were. “Now we have a good answer: They’re infant star clusters,” Wolf-Chase says. The clusters blow ionized bubbles of their own, similar to the stellar bubbles blown by single young, big stars.

**Event Coordinator** – There will be another OSFS dinner someday. We have this monthly OSFS newsletter called The Statement. If you would like to be on the e-mail list contact the [editor@ottawasfs.ca](mailto:editor@ottawasfs.ca)

**Editor's Blather:** – Another aspiring writer

**PROMO:** Red Dust and Raindrops (Death On Mars) By.- K.E. Heaton. (U.K. Writer) keith heaton (keithericheaton@icloud.com)

Just wondered please if you might take a look at one of my latest novels, now available on Amazon in both electronic format but also in paperback.

Its a Sci Fi... but its also so much more...

The first ever manned mission to Mars but as the title of the book suggests, things do not go exactly to plan.

A storyline full of intrigue, suspense and inevitably a good deal of skullduggery.

And its completely FREE from Amazon to anyone with Kindle Unlimited.

**LOC:** Dear OSFen:

I got Statement 504 here, read it over, made some notes, and now intend to write a big letter all about it. Well, at two pages, I might not have the big letter I want. The more I stall in this opening paragraph, the more likely I will fill the page, but in the meantime, let's just type up some comments and see what happens.

Some very interesting artwork on the front cover, with some new-to-me details on Neanderthal diets. After reading that, you have to wonder...what does hippopotamus taste like? No, I can't believe just like chicken...

The Joe @ Carlingview Manor...would that be

Joe Casey? I haven't heard from Joe in such a long time, hope he's doing better. Also, a great shame about Sylvain St-Pierre, dying from COVID-19, and his mother dying a few days afterwards. I am informed by Cathy Palmer-Lister that Sylvain's brother Marc did not have COVID-19, and is left with some cousins to wind up Sylvain's estate. The StPierre family deserved much more than this.

My loc...as I write this, this coming Monday is our Third Monday pubnight. We order from Orwell's Pub, the usual place for our pubnight, and we go to pick up our order. All businesses are feeling the pinch, these days, and so many businesses are gone, many never to return. Orwell's is our monthly treat, and I sure do like their chicken curry. More editorial work is coming, and I am currently working on editing a screenplay. The earring hooks I ordered never did arrive, and I applied to Amazon for a refund, and I got it. I now must look for a new source for the hooks, and I am told there are reliable places in Montréal to order them. Time to do a little research.

I put together a new convention list, such as it is these pandemic days. There are lots of cancellations and postponements, and some are trying virtual versions. (FilkKONTari-No 2 and the 2021 Heliosphere in New York recently did a joint virtual convention...reports seem to be very positive.) Some conventions are already announcing 2022 dates, and even though this entire province is now in a lockdown, even more than ever, I am hoping that any scheduled 2022 convention will be a go. Fingers crossed. (I sent out the list earlier today...hope you received it.)

And, I think I am now done. Not quite the full page I was hoping for, but still not bad. Thanks for this issue, and see you with the next one.

Yours, Lloyd Penney.

**Coming Events** Lloyd Penney's list 2021-04-17

POSTPONED - April 18 - 80's Toy Expo, Hilton Mississauga Meadowvale, Mississauga. FMI, [www.ontariocollectorscon.com](http://www.ontariocollectorscon.com).

ONLINE? - April 24 - CK Expo, John D. Bradley Convention Centre, Chatham. Pop culture convention. FMI, [www.ckexpo.ca](http://www.ckexpo.ca).

CANCELLED - April 24-25 - CAPE ComicFest 2020, Cornwall Civic Complex, Cornwall. FMI, [www.cornwallpopevent.com](http://www.cornwallpopevent.com).

POSTPONED - May 1 - Fort Town Steampunk Festival, Fort Wellington, Prescott. FMI, [www.gftacraffle.com](http://www.gftacraffle.com).

POSTPONED - May 1-2 - Ragnarok XP, DoubleTree by Hilton Kitchener Hotel, Kitchener. Gaming convention. FMI, [www.ragnarokxp.com](http://www.ragnarokxp.com).  
May 28-30 - BistoCon 2021, LaQuinta Inn and Suites Detroit Metro, Romulus, MI. Professionals TV series convention. FMI, [bistocon.org](http://bistocon.org).

POSTPONED - June 4-6 - 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. FMI, [www.nfcomiccon.com](http://www.nfcomiccon.com).

POSTPONED - June 13 - 80's Toy Expo/Mississauga Comic Book Show, Hilton Mississauga Meadowvale, Mississauga. FMI, [www.ontariocollectorscon.com](http://www.ontariocollectorscon.com).

POSTPONED - June 18 - YetiCon 2021, Blue Mountain Resort, Collingwood. Anime convention. FMI, [www.yeticon.ca](http://www.yeticon.ca).

POSTPONED - June 26 - Forest City Comicon, Centennial Hall, London. FMI, [www.ForestCityComicon.ca](http://www.ForestCityComicon.ca).

July 9-11 - TFcon 2021, Hilton Mississauga Meadowvale Hotel, Mississauga. Transformers convention. FMI, [www.tfcon.ca](http://www.tfcon.ca).

July 9-11 - Montreal ComicCon, Palais de Congres, Montreal. FMI, [www.montrealcomiccon.com](http://www.montrealcomiccon.com).

CANCELLED - July 10 - The Railworks Beerlesque and Carniv-ale Show, St. Thomas Railway Museum, St. Thomas. Steampunk/microbrewery event. FMI, [www.beerlesque.ca](http://www.beerlesque.ca).

July 17 - Elmvale Sci-Fi Fantasy Street Party 2019, Springwater Library, Elmvale Branch and Elmvale Community Hall. FMI, [www.scififestival.ca](http://www.scififestival.ca), or page on Facebook.

POSTPONED - July 23-25 - Anime North 2021, Toronto FMI, [www.animenorth.com](http://www.animenorth.com).

July 30 - August 1 - CanFURence, Westin Ottawa Hotel, Ottawa. Furry convention. Guests: Nicnak, Dodge Horse. FMI, [www.canfurence.ca](http://www.canfurence.ca).

August ??-?? - Star Wars Collectors Expo, Hilton Mississauga Meadowvale, Mississauga. FMI, [www.starwarsexpo.ca](http://www.starwarsexpo.ca).

ONLINE - August 5-8 - Bricks in the Six, Westin Harbour Castle Hotel, Toronto. LEGO convention. FMI, [www.brickassembly.ca](http://www.brickassembly.ca).

August 6-8 - Otakuthon 2021, Palais de congres de Montreal. Anime convention. FMI, [www.otakuthon.com](http://www.otakuthon.com).

August 6-8 - CrossingsCon 2021, DoubleTree by Hilton Hotel, Montreal. Dian Duane's Young Wizards convention. FMI, [www.crossingscon.org](http://www.crossingscon.org).

August 14-15 - AniBash 2021, Seneca Park, Longhouse Shelter, Rochester, NY. Anime convention. FMI, [anibash.webs.com](http://anibash.webs.com).

August 26-29 - Fan eXpo Canada 2021, Metro Toronto Convention Centre, Toronto. FMI, [www.fanexpohp.com](http://www.fanexpohp.com).

September 10-12 - Ottawa Comiccon, EY Centre, Ottawa. FMI, [www.ottawacomicon.com](http://www.ottawacomicon.com).

September 18-19 - Windsor ComiCon, Caesars Windsor in The Colosseum, Windsor. FMI, [www.windsorcomicon.com](http://www.windsorcomicon.com).

September 24-26 - Oxford Renaissance Festival, Dorchester Fairgrounds, Dorchester. FMI, [www.renfest.ca](http://www.renfest.ca).

October 2 - KisetsuCon 2021, RIT Inn & Conference Center, Henrietta (Rochester), NY. Anime convention. FMI, [www.kisetsucon.org](http://www.kisetsucon.org).

October 2-3 - London Comic Con 2021, RBC Place, London. FMI, [www.londoncomiccon.ca](http://www.londoncomiccon.ca).

October 3 - 80's Toy Expo, Hilton Mississauga Meadowvale, Mississauga. FMI, [www.ontariocollectorscon.com](http://www.ontariocollectorscon.com).

October 9-10 - Comicon de Quebec, Centre des congrès de Quebec, Quebec City. FMI, [www.comiconquebec.com](http://www.comiconquebec.com).

October 9-10 - Phantasm 2021, McDonnell St. Activity Centre, Peterborough. SF/gaming convention. FMI, [www.phantasm.pfga.ca](http://www.phantasm.pfga.ca).

October 16 & 17 - Hamilton Comic Con, Canadian Heritage Warplane Museum, Mount Hope, ON. FMI, [www.hamiltoncomiccon.com](http://www.hamiltoncomiccon.com).

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

October 30-31 - Nightmare 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, Barbara Crampton, Dee Wallace, Ari Lehman, Adrienne King, Lar Park Lincoln, Terry Kiser, Kane Hodder. FMI, [www.frightmareinthefalls.com](http://www.frightmareinthefalls.com).

November 4-7 - World Fantasy Convention 2021, Hotel Bonaventure, Montreal. Guests: Nisi Shawl, John Picacio, Andre-Francois Ruard, Owl Goingback, Yves Meynard, Christine Taylor-Butler. FMI, [www.worldfantasy.org](http://www.worldfantasy.org), [wfc2021.org](http://wfc2021.org).

March 18-20, 2022 - Toronto Comicon, Metro Toronto Convention Centre, Toronto. FMI, [www.fanexpohq.com/comicontoronto/](http://www.fanexpohq.com/comicontoronto/).

March 18-20, 2022 - Hotlead 2022, Best Western Plus The Arden Park Hotel, Stratford. Gaming convention. FMI, [www.hotlead.ca](http://www.hotlead.ca).

April 23-24, 2022 - Ragnarok XP, DoubleTree by Hilton Kitchener Hotel, Kitchener. Gaming convention. FMI, [www.ragnarokxp.com](http://www.ragnarokxp.com).

May 27-29, 2022 - Anime North 2022, Toronto Congress Centre & surrounding hotels, Toronto. FMI, [www.animenorth.com](http://www.animenorth.com).

June 3-5, 2022 - June 4-6 - Niagara Falls Comic Con, Scotiabank Convention Centre, Niagara Falls. Guests: TBA. FMI, [www.nfcomiccon.com](http://www.nfcomiccon.com).

June 17-19, 2022 - YetiCon 2022, Blue Mountain Resort, Collingwood. Anime convention. FMI, [www.yeticon.ca](http://www.yeticon.ca).

June 25, 2022 - Forest City Comicon, Centennial Hall, London. Guest: Stefan Kopicic, more. FMI, [www.ForestCityComicon.ca](http://www.ForestCityComicon.ca).