

# Archived Talks from Supernovae and Dust Tele-talk Series (2020 - 2022)

The talk will be on Thursday at 8 am in California (4 pm in the UK and 5 pm in Europe, which could be different depending on saving time) for the European/USA community, or at 4 pm (or 3 pm) in California (which will be 7 or 8 am in Asia) for Asia/USA community. You may choose the time you would like to give the talk, either 8 am or 4 pm in PST. Since the video is available, only one talk is needed.

If you want to receive an email notice, please add your email at the bottom of this page or send an email to Jeonghee Rho, [jrho\(at\)seti.org](mailto:jrho@seti.org).

**Note that the talk will be recorded.** Please sign-up your talk either at 8 am or 4 (or 3) pm (California time).

## ----- 2022 Fall Schedule -----

Date (8am or 4pm in CA)	Speaker	Title
Sep 29	No talk	
Oct 6	No talk	
Oct 13 (8am)	Andrea Ferrara <a href="#">Video</a>	ALMA rebels Survey. Epoch of Reionization giant: properties of dusty galaxies at

	<a href="#">Slides</a>	$z=7$
<b>Oct 20</b>	<b>No talk</b>	
<b>Oct 27 (8am)</b>	<b>Brandon Hensley</b> <a href="#">Video</a> <a href="#">Slides</a>	<b>The Astrodust+PAH Model of Interstellar Dust</b>
<b>Nov 2 (9am CA) Wednesday</b> since the talk is combined with SOFIA science center.	<b>Jérémy Chastenet</b> (see SOFIA talk)	<b>SOFIA/HAWC+ observations of the Crab Nebula: dust properties from polarised emission</b>
<b>Nov 10</b>	<b>No talk</b>	
<b>Nov 17 (8am)</b>	<b>Arka Sarangi</b> <a href="#">Video</a> <a href="#">Slides</a>	<b>Dust in interacting SNe</b>
<b>Nov 24</b>	<b>No talk</b>	<b>Thanksgiving</b>
<b>Dec 1 (8am)</b>	<b>Philip Hopkins</b> <a href="#">Video</a>	<b>Ubiquitous instabilities of dust moving in magnetized gas</b>
<b>Dec 8</b>	<b>No talk</b>	
<b>Dec 15</b>	<b>No talk</b>	<b>(JWST First Result conference)</b>

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----- Spring, 2021 -----

<b>Date (time in CA) 2021</b>	<b>Speaker</b>	<b>Title of the talk</b>
<b>Jan 21, 2021 (8am or 4pm)</b>	<b>No Talk</b>	
<b>Jan 28, 2021 (8am)</b>	<b>Ori Fox</b> <a href="#">Video</a> <a href="#">slide</a> <a href="#">CV</a>	<b>Constraining SN Progenitors from their Dusty CSMs</b>
<b>Feb 4, 2021 (8am)</b>	<b>Aleksandra Leńniewska</b> <a href="#">Slide</a> <a href="#">video</a> <a href="#">CV</a>	<b>Dust production scenarios in galaxies at <math>z \sim 6 - 8.3</math></b>
<b>Feb 11, 2021 (7 am in CA)</b>	<b>Tamás Szalai</b> <a href="#">video</a> <a href="#">Slide</a> <a href="#">CV</a>	<b>The Supernova Legacy of Spitzer Space Telescope</b>
<b>Feb 18, 2021 (8 am)</b>	<b>Jeonghee Rho</b> <a href="#">slide</a> <a href="#">video</a>	<b>Near-IR Campaign of CO and Dust Formation in SNe: dust mass gaps between SNe and young SNRs</b>
<b>Feb 25, 2021 (8am)</b>	<b>Alexander Tielens</b> <a href="#">slide</a>	<b>Dusty Universe and Supernovae</b>

	<a href="#">video</a>	
<b>Mar. 4, 2021 (8am)</b>	<b>Kaew Samaporn Tinyanont</b> <a href="#">Slide</a> <a href="#">video</a>	<b>Infrared Spectropolarimetric Detection of Polarization and Dust from a core-collapse SNe.</b>
<b>Mar 11, 2021 (8am or 4pm)</b>	<b>No talk</b>	
<b>Mar 18, 2021 (8am)</b>	<b>Noam Soker</b> <a href="#">Video</a> <a href="#">slide</a>	<b>A pre-explosion extended effervescent zone around CCSNe, and their explosion mechanism</b>
<b>Mar 25, 2021 (8am)</b>	<b>Felix Priestley</b> <a href="#">Video</a> <a href="#">Slides</a>	<b>Constraining early-time dust formation in CCSNe</b>
<b>Apr 1, 2021</b>	<b>No talk</b>	
<b>Apr 8, 2021</b>	<b>No talk</b>	
<b>Apr 15, 2021 (8 am)</b>	<b>Vikram Dwarkadas</b> <a href="#">Video</a> <a href="#">Slides</a>	
<b>Apr 22, 2021 (8 am)</b>	<b>Martin Laming</b> <a href="#">Video</a> <a href="#">Slides</a>	<b>The Unshocked Ejecta of Cas A</b>
<b>Apr 29, 2021</b>		
<b>May 6, 2021</b>	<b>Mikako Matsuura</b> <a href="#">Video</a> <a href="#">Slides</a>	
<b>May 13, 2021</b>	<b>Ezra Brooker</b>	<b>Dependence of Dust</b>

	<a href="#">Video</a> <a href="#">CV</a>	<b>Formation on the Supernova Explosion</b>
<b>May 20, 2021</b>	<b>Christa Gall (Cancelled)</b>	
<b>May 27, 2021</b>	<b>Maria Niculescu-Duvaz</b> <a href="#">Video</a>	

## Fall 2020

<b>Date (time in CA) 2020</b>	<b>Speaker</b>	<b>Title of the talk</b>
<b>Oct. 1, 2020</b>	<b>Jonathan Slavin</b> <a href="#">video</a> <a href="#">slide</a>	<b>The Dynamics, Destruction, and Survival of Supernova-Formed Dust</b>
<b>Oct. 8, 2020</b>	<b>Phillip Cigan</b> <a href="#">Video</a> <a href="#">slide</a>	<b>Cosmic Dust: Insights from SN1987A</b>
<b>Oct. 15, 2020</b>	<b>Ilse De Looze</b> <a href="#">Slide</a> <a href="#">vido</a>	<b>The competition between supernova dust production, interstellar growth and dust destruction processes in nearby galaxies</b>
<b>Oct. 22, 2020</b>	<b>Felix Priestley</b> <a href="#">slide</a> <a href="#">video</a>	<b>Revisiting the dust destruction efficiency of supernovae</b>
<b>Oct. 29, 2020</b>	<b>No talk</b>	<b>Attend Dust2020 in Marseille conference <a href="#">here</a></b>
<b>Nov. 5, 2020</b>	<b>Dan Milisavljevic</b>	<b>The Supernova-Supernova</b>

	<a href="#">Video</a>	<b>Remnant Connection</b>
<b>Nov. 19, 2020</b>	<b>Pratika Dayal</b> <a href="#">video</a> <a href="#">CV</a>	<b>Shedding light on the cosmic dark ages and dark matter with the earliest galaxies</b>
<b>Nov. 26, 2020 (Thanksgiving)</b>	No talk	
<b>Dec. 3m, 2020</b>	<b>Tram le ngoc</b> <a href="#">talk slide</a> <a href="#">video</a>	<b>Radiative torque alignment and interstellar grain polarization</b>
<b>Dec. 10, 2020</b>	<b>Frederic Galliano</b> <a href="#">Video</a> <a href="#">slide</a>	<b>A nearby galaxy perspective on dust evolution. Scaling relations and constraints on the dust build-up in galaxies with the DustPedia and DGS samples</b>
<b>Dec. 17, 2020</b>	<b>Discussion for Future direction</b>	<b>Future SN/Dust tele-talk input opportunity with Christmas Party</b>
<b>Dec. 24 (Christmas)</b>	No talk	

**Spring 2021 tele-talk schedule [here](#)**

**Previous Spring 2020 tele-talk schedule [here](#)**

-----2020 Spring-----

<b>Date (time in CA) 2020</b>	<b>Speaker</b>	<b>Title of the talk</b>
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<b>Feb. 20, 2020 (8am in CA)</b>	<b>Felix Priestley</b> <a href="#">Slide</a> <a href="#">Video</a>	<b>Dust survival in supernova remnants: an observational perspective</b>
<b>Feb 27, 2020 (3, 4 or 5pm)</b>	<b>No talk</b>	<b>We are currently trying to figure out the right time of the talk.</b>
<b>Mar. 5, 2020 (8am)</b>	<b>C. Mauney</b> <a href="#">Video</a> <a href="#">Slides</a>	<b>Dust nucleation in CCSNe using atomistic nucleation theory &amp; DFT</b>
<b>Mar 12, 2020 (4pm)</b>	<b>Denis Burgarella &amp; Ambra Nanni</b>  <a href="#">Slides</a>	<b>First dust grains in local dwarfs &amp; Lyman break galaxies at <math>5 &lt; z &lt; 10</math></b>
<b>Mar. 19, 2020 (8am)</b>	<b>Denis Burgarella &amp; Ambra Nanni</b>	<b>First dust grains in local dwarfs &amp; in Lyman break galaxies at <math>5 &lt; z &lt; 10</math></b>
<b>Mar 26, 2020 (4 pm in CA)</b>	<b>Felix Priestly</b> <a href="#">Video</a> <a href="#">Slides</a>	<b>Dust survival in supernova remnants: an observational perspective</b>
<b>Apr 2, 2020 (8am)</b>	<b>No talk (Cancelled)</b>	
<b>Apr 9, 2020 (4pm)</b>	<b>David Vartanyan</b> <a href="#">Video</a> <a href="#">Slides</a>	<b>Exploding Supernovae in 3D</b>
<b>Apr 16 (8am)</b>	<b>David Vartanyan</b>	<b>Exploding Supernovae in 3D</b>
<b>Apr 23 (4pm)</b>	<b>Conor Omand</b> <a href="#">Slides</a>	<b>Radio and Infrared Emission from Pulsar-Driven Supernovae</b>
<b>Apr. 30 (8am)</b>	<b>No talk</b>	
<b>May 7 (4pm)</b>	<b>Thiem Hoang</b>	<b>Grain Alignment and</b>

	<a href="#">Slides</a>	<b>Rotational Disruption in SNRs</b>
<b>May 14 (8am)</b>	<b>Arka Sarangi</b> <a href="#">Video</a> <a href="#">Slides</a>	<b>Modeling the formation of dust in supernovae</b>
<b>May 21 (8am)</b>	<b>No talk</b>	
<b>May 28 (8am)</b>	<b>Florian Kirchsclager</b> <a href="#">Video</a> <a href="#">Slides</a>	<b>Dust evolution in clumps passing through the Cas A reverse shock</b>
<b>June 4 (4pm)</b>	<b>No talk</b>	