

# MAS YouTube VIDEOS

## By Speaker

Note: Videos with multiple speakers are listed under both names.

Bolding, Sue and Dowdle, Terry  
Clyde Tombaugh and Pluto  
2014 October 3  
[https://www.youtube.com/watch?v=9KWTVqV\\_1PM](https://www.youtube.com/watch?v=9KWTVqV_1PM)

Busler, William J.  
Cosmic Distance Ladder  
2013 April 5  
<https://www.youtube.com/watch?v=4U7GnZWnvIw>

Busler, William J.  
LaGrangian Points and the Cosmic Distance Ladder  
2013 May 3  
<https://www.youtube.com/watch?v=wdF8kwKca9E>

Busler, William J.  
MAS 60<sup>th</sup> Anniversary  
2013 November 1  
<https://www.youtube.com/watch?v=mm55q2VLZ9c>

Busler, William J.  
Global Warming – Fact or Fiction?  
2014 July 11  
<https://www.youtube.com/watch?v=Zj75E7vR6A8>

**Short Course Lecture #1 - Feb. 6, 2015:**  
*Our Place in the Universe.* By Bill Busler  
<https://www.youtube.com/watch?v=wdgm204GYBQ>

**Short Course Lecture #2 (Parts 1 & 2) - Apr. 10, 2015**  
*The Sky and the Earth.* By Bill Busler.  
Part 1: <https://www.youtube.com/watch?v=-8E1RkGMai4>  
Part 2: <https://www.youtube.com/watch?v=OLtiW-91xok>

Busler, William J.  
Village Creek Indoor Program  
2015 April 11  
<https://www.youtube.com/watch?v=9gZkFzEjWf8&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=7>

**Short Course Lecture #4 - Jul. 10, 2015**

*The Solar System and Its Origin.* By Bill Busler

<https://www.youtube.com/watch?v=YNvj4W9QXG0>

**Short Course Lecture #6 - Aug. 7, 2015**

*Early History of Astronomy.* By Bill Busler

<https://www.youtube.com/watch?v=QqhU-xlxdYU>

**Short Course Lecture #7 - Aug. 7, 2015**

*Techniques for Locating Celestial Objects.* By Bill Busler

<https://www.youtube.com/watch?v=IQSPReBwjQ0>

**Short Course Lecture #8 - Sept. 11, 2015**

*Measuring Distances in the Milky Way.* By Bill Busler

<https://www.youtube.com/watch?v=J7VBPpzqNc4>

**Short Course Lecture #10 (Parts 1 & 2) - Nov. 6, 2015**

*Stellar Evolution.* By Bill Busler

Part 1: [https://www.youtube.com/watch?v=FzSW4\\_w6Cfc](https://www.youtube.com/watch?v=FzSW4_w6Cfc)

Part 2: [https://www.youtube.com/watch?v=e\\_epJ\\_LwJik](https://www.youtube.com/watch?v=e_epJ_LwJik)

Busler, William J.

Message of Starlight I – CBU American Chemical Society

2015 November 12

<https://www.youtube.com/watch?v=dsg-LIJtfX8>

Busler, William J.

Message of Starlight II – CBU American Chemical Society

2015 November 19

<https://www.youtube.com/watch?v=k3LJlcl87Xk>

**Short Course Lecture #11 - Dec. 4, 2015**

*Galaxies.* By Bill Busler

<https://www.youtube.com/watch?v=eGQza3ZLUkU>

**Short Course Lecture #12 – Feb. 5, 2016:**

*Cosmology.* By Bill Busler

<https://www.youtube.com/watch?v=q-iqyO-YmZs>

Busler, William J.

New Telescope Seminar 1

2017 February 3

<https://www.youtube.com/watch?v=WIKTUXRP83Y>

Busler, William J.  
New Telescope Seminar 2  
2017 February 3  
<https://www.youtube.com/watch?v=pZIUMx7IVKg&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=35>

Busler, William J.  
Quasars, Black Holes, and Galactic Nuclei  
2018 May 4  
<https://www.youtube.com/watch?v=znONJhxBFoE>

Busler, William J. and Honey, Ric  
Asteroid named for Busler  
2018 June 1  
<https://www.youtube.com/watch?v=Mic7tknmDoM&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=18>

Busler, William J.  
Meteor Showers 1  
2018 July 6  
<https://www.youtube.com/watch?v=eJmrnojTjbE&index=14&list=UU4HPGcX29f9RH7TGXCcl7Ow>

Busler, William J.  
Meteor Showers 2  
2018 July 6  
<https://www.youtube.com/watch?v=TS81bQV9LsE&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=13>

Diaz, Freddy  
Solar Imaging Demystified  
2014 September 5  
[https://www.youtube.com/watch?v=tI36\\_hP2ys4&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=77](https://www.youtube.com/watch?v=tI36_hP2ys4&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=77)

Diaz, Freddy and Veldman, Jeremy  
Telescope Tips 15 – Solar Observing and Imaging  
<https://www.youtube.com/watch?v=Y137zBbYers&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=3>

Dowdle, Terry and Bolding, Sue  
Clyde Tombaugh and Pluto  
2014 October 3  
[https://www.youtube.com/watch?v=9KWTVqV\\_1PM](https://www.youtube.com/watch?v=9KWTVqV_1PM)

Hancock, Brian  
Messier Marathon – Binoculars  
2018 March 2  
<https://www.youtube.com/watch?v=Ut6ebohm50U>

Hancock, Brian and Veldman, Jeremy  
Telescope Tips 5 – Binocular Observing 1  
<https://www.youtube.com/watch?v=6gGYkokavC8&index=21&list=UU4HPGcX29f9RH7TGXCcl7Ow>

Honey, Ric  
Messier Marathon – Planning  
2018 March 2  
<https://www.youtube.com/watch?v=ompEbGa3nK8>

Honey, Ric  
Telescope Tips 4 – Observing Techniques  
<https://www.youtube.com/watch?v=ywK5rbJPq3M&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=22>

Honey, Ric and Busler, William J.  
Asteroid named for Busler  
2018 June 1  
<https://www.youtube.com/watch?v=Mic7tknmDoM&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=18>

Honey, Ric  
Astronomical Seeing  
2018 June 1  
[https://www.youtube.com/watch?v=8DyXKh\\_8xGs&index=20&list=UU4HPGcX29f9RH7TGXCcl7Ow](https://www.youtube.com/watch?v=8DyXKh_8xGs&index=20&list=UU4HPGcX29f9RH7TGXCcl7Ow)

Honey, Ric and Veldman, Jeremy  
Telescope Tips 14 – Eyepieces  
<https://www.youtube.com/watch?v=SbRY24ehiR0>

Latiolais, Keith  
Astronomer John Michell  
2018 April 6  
<https://www.youtube.com/watch?v=iUWH-WgeOOw>

Latiolais, Keith and Veldman, Jeremy  
Telescope Tips 12 – Astrophotography 1 Setting Up  
<https://www.youtube.com/watch?v=ttqUNOw85gI&index=8&list=UU4HPGcX29f9RH7TGXCcl7Ow>

Latiolais, Keith and Veldman, Jeremy  
Telescope Tips 13 – Astrophotography 2 Cameras  
<https://www.youtube.com/watch?v=FMSVbR4ucig&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=6>

Maloney, Chris  
Most Mysterious Star in our Galaxy  
2018 April 6  
<https://www.youtube.com/watch?v=5T4STj4nFCY&index=28&list=UU4HPGcX29f9RH7TGXCcl7Ow>

M.A.S.  
Shelby Farms Earth Day  
2017 April 1  
<https://www.youtube.com/watch?v=kMgeA-maXyQ>

McMath, Bruce  
Light Pollution  
2018 January 5  
[https://www.youtube.com/watch?v=DjfT8c2\\_ndo](https://www.youtube.com/watch?v=DjfT8c2_ndo)

**Short Course Lecture #5 - Jul. 10, 2015**  
*Optics and Telescopes*. By Tom Richardson  
<https://www.youtube.com/watch?v=qQsbxX7OZEo>

Riggs, Caleb  
Fermi Paradox  
2018 February 2  
<https://www.youtube.com/watch?v=1qfYVEebYXc>

Sackett, Ross  
Lunar Imaging Demystified  
2014 September 5  
<https://www.youtube.com/watch?v=B32LqT9uNHY>

Sackett, Ross  
Russell W. Porter  
2014 November 7  
<https://www.youtube.com/watch?v=tGMAf05VA0s>

Smith, Whitney  
Stellar Evolution  
2018 August 3  
<https://www.youtube.com/watch?v=1awpWJmQK4A&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=10>

Springfield, Felix  
Black Holes  
2017 October 6  
[https://www.youtube.com/watch?v=\\_uGznS5It4U](https://www.youtube.com/watch?v=_uGznS5It4U)

Townley, Richard  
End of the Universe  
2018 June 1  
<https://www.youtube.com/watch?v=yeH0HUSSNTk&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=19>

Townley, Richard  
Cassini Mission Recap  
2018 October 5  
<https://www.youtube.com/watch?v=5tEPLaEqW8o>

Veldman, Jeremy  
Epsilon Aurigae  
2011 November 4  
<https://www.youtube.com/watch?v=CyGC-xo5d1E>

Veldman, Jeremy  
Magnetic Apocalypse  
2012 March 2  
<https://www.youtube.com/watch?v=YGoskAf3FS8>

Veldman, Jeremy  
Biggest Blasts in Cosmic History  
2012 August 3  
<https://www.youtube.com/watch?v=FC2f9sTunxk>

Veldman, Jeremy  
Saturn  
2012 October 5  
<https://www.youtube.com/watch?v=c8M4gtnETkg>

Veldman, Jeremy  
Jupiter  
2012 November 2  
<https://www.youtube.com/watch?v=8WH4zGao2bY>

Veldman, Jeremy  
Alien Weather  
2013 March 1  
<https://www.youtube.com/watch?v=KcMsBJ0hpb4>

Veldman, Jeremy  
Dark Matter  
2013 July 12  
<https://www.youtube.com/watch?v=A5IWUzOaYo8>

Veldman, Jeremy  
Dark Energy  
2013 August 2  
<https://www.youtube.com/watch?v=0Psva30jkrc>

Veldman, Jeremy  
Quantum Enigma I  
2014 April 4  
<https://www.youtube.com/watch?v=d0dBY7BYVM0>

Veldman, Jeremy  
Quantum Enigma II  
2014 May 2  
[https://www.youtube.com/watch?v=6O\\_m4Qf6ssU&index=57&list=UU4HPGcX29f9RH7TGXCcl7Ow](https://www.youtube.com/watch?v=6O_m4Qf6ssU&index=57&list=UU4HPGcX29f9RH7TGXCcl7Ow)

Veldman, Jeremy  
Dark Energy and the Expansion of the Universe  
2016 February 5  
<https://www.youtube.com/watch?v=aEEWa6oo8j8>  
<https://www.youtube.com/watch?v=KkkS1ix4-Y0>

## **ECLIPSE 2017**

Total Solar Eclipse of 2017  
Totality at Paducah, Kentucky <https://www.youtube.com/watch?v=fYEQaEjVcKI>  
Fox 13 Coverage with Veldman and Honey <https://www.youtube.com/watch?v=-3bpdDvk-aQ>  
Totality at Lebanon, Tennessee <https://www.youtube.com/watch?v=-QLt37Vj5KI>  
Totality in Missouri <https://www.youtube.com/watch?v=VRWpX60114U>  
Perryville <https://www.youtube.com/watch?v=oDw7HJdfiOU>  
Weather Resources <https://www.youtube.com/watch?v=ykJ4nizcqJI>  
Perryville 2 <https://www.youtube.com/watch?v=4X4kTrgKGIU>  
St. Louis Expo <https://www.youtube.com/watch?v=sV7AJnA45Jc>  
Overview Veldman May 2017 <https://www.youtube.com/watch?v=DQb--YxE9oQ>  
Update Veldman <https://www.youtube.com/watch?v=Jzp8TLhhs2M>  
Eclipse Conference Veldman <https://www.youtube.com/watch?v=6lhpTLp1VgA>

Veldman, Jeremy  
Our Place in the Universe – Memphis Comic and Fantasy Club  
2017 November 17  
[https://www.youtube.com/watch?v=B3WT5-Wh\\_UY](https://www.youtube.com/watch?v=B3WT5-Wh_UY)

Veldman, Jeremy  
Telescope Tips 1  
<https://www.youtube.com/watch?v=g7L8-3f2IGU>

Veldman, Jeremy  
Telescope Tips 2 – Newtonian Reflectors  
[https://www.youtube.com/watch?v=iT\\_30Ev\\_QR8&index=25&list=UU4HPGcX29f9RH7TGXCcl7Ow](https://www.youtube.com/watch?v=iT_30Ev_QR8&index=25&list=UU4HPGcX29f9RH7TGXCcl7Ow)

Veldman, Jeremy and Hancock, Brian  
Telescope Tips 3 – Bino-Viewing with Telescope  
[https://www.youtube.com/watch?v=\\_iR47Z33XzI&index=23&list=UU4HPGcX29f9RH7TGXCcl7Ow](https://www.youtube.com/watch?v=_iR47Z33XzI&index=23&list=UU4HPGcX29f9RH7TGXCcl7Ow)

Veldman, Jeremy and Hancock, Brian  
Telescope Tips 5 – Binocular Observing 1  
<https://www.youtube.com/watch?v=6gGYkokavC8&index=21&list=UU4HPGcX29f9RH7TGXCcl7Ow>

Veldman, Jeremy  
Telescope Tips 6 – Binocular Observing 2  
<https://www.youtube.com/watch?v=qcnsHqAWXfc&index=17&list=UU4HPGcX29f9RH7TGXCcl7Ow>

Veldman, Jeremy  
Telescope Tips 7 – Dark-Sky Observing at Burton's  
<https://www.youtube.com/watch?v=LmwDuZdvKN0&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=16>

Veldman, Jeremy  
Telescope Tips 9 – Lunar Observing  
<https://www.youtube.com/watch?v=zPt688ZbEFs&index=15&list=UU4HPGcX29f9RH7TGXCcl7Ow>

Veldman, Jeremy  
Telescope Tips 10 – Pimping Out Your Scope  
<https://www.youtube.com/watch?v=6v2Yq7k9gBo&index=12&list=UU4HPGcX29f9RH7TGXCcl7Ow>

Veldman, Jeremy  
Telescope Tips 11 – Shelby Farms  
<https://www.youtube.com/watch?v=ZchCfE2qq-8>

Veldman, Jeremy and Latiolais, Keith  
Telescope Tips 12 – Astrophotography 1 Setting Up  
<https://www.youtube.com/watch?v=ttqUNOw85gI&index=8&list=UU4HPGcX29f9RH7TGXCcl7Ow>



Veldman, Jeremy and Latiolais, Keith  
Telescope Tips 13 – Astrophotography 2 Cameras  
<https://www.youtube.com/watch?v=FMSVbR4ucig&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=6>

Veldman, Jeremy and Honey, Ric  
Telescope Tips 14 – Eyepieces  
<https://www.youtube.com/watch?v=SbRY24ehiR0>

Veldman, Jeremy and Diaz, Freddy  
Telescope Tips 15 – Solar Observing and Imaging  
<https://www.youtube.com/watch?v=Y137zBbYers&list=UU4HPGcX29f9RH7TGXCcl7Ow&index=3>

Veldman, Jeremy  
Messier Marathon – Virgo Cluster  
2018 March 2  
<https://www.youtube.com/watch?v=SVbk22IrU8M>

Veldman, Jeremy  
Time Travel – Shelby County Star Trek Day  
2018 April 8  
<https://www.youtube.com/watch?v=pEJMiOcQAYs>

Veldman, Jeremy  
Birth of Modern Science  
2018 August 3  
<https://www.youtube.com/watch?v=rci31B9dKsE&index=9&list=UU4HPGcX29f9RH7TGXCcl7Ow>

Veldman, Jeremy  
Birth of Modern Science – Watershed – Kepler  
2018 September 7  
<https://www.youtube.com/watch?v=oZFOTCqRKng>

**Short Course Lecture #3 - May 1, 2015**  
*Sun-Earth-Moon Relationships*. By Bill Wilson  
[https://www.youtube.com/watch?v=L4TbEoiGe\\_o](https://www.youtube.com/watch?v=L4TbEoiGe_o)

**Short Course Lecture #9 (Parts 1 & 2) - Oct. 2, 2015**  
*Classification and Measurement of Stars*. By Bill Wilson  
Part 1: <https://www.youtube.com/watch?v=2htxDpDf53A>  
Part 2: <https://www.youtube.com/watch?v=2Q8QPfJtmUU>

Wilson, William M.  
Eclipse Cycles and the Antikythera Mechanism  
2015 May 1 Re-recorded 2016 April  
<https://www.youtube.com/watch?v=ezGdnys1SIQ>

Wilson, William M.  
Eclipse Cycles and Antikythera Mechanism  
2017 May 5  
<https://www.youtube.com/watch?v=unJpzBg8Uqw&index=49&list=UU4HPGcX29f9RH7TGXCcl7Ow>