

Light Microscopy Module (LMM)

The Light Microscopy Module (LMM) is a modified commercial, highly flexible, state-of-the-art light imaging microscope facility that provides researchers with powerful diagnostic hardware and software onboard the International Space Station (ISS). The LMM enables novel research of microscopic phenomena in microgravity, with the capability of remotely acquiring and downloading digital images and videos across many levels of magnification. The way that matter is organized and moves on the microscopic level profoundly affects the macroscopic world and an understanding of such processes helps scientists and engineers build more efficient materials and machines both for both the earth and space environments.



LMM Brochure

Add link to the brochure here:

ASGSR Videos

ASGSR 2021 Videos

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ASGSR 2020 Videos

https://youtu.be/oqi0dFmXUpU?list=PLVPcuBdh7z6ezOJIOWHabNZ_OYLRPCba-

ASGSR 2019 Videos

<https://youtu.be/KLK7nNbhpqU?list=PLVPcuBdh7z6fAEcLQTjH8AyxvCjfyhsRB>

ASGSR 2018 Videos

https://youtu.be/F3oz_CIX2v8?list=PLVPcuBdh7z6f_2Yy_hlzE1S7eMj_qU-03

ASGSR 2017 Videos

<https://youtu.be/ixtMHO8ulbQ?list=PLVPcuBdh7z6ccqHozm5sMtoDFLm24ZIBb>

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ASGSR 2014 Videos

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ASGSR 2013 Videos

<https://youtu.be/flByL8mlPMU?list=PLVPcuBdh7z6dUgDVtjd26VV5uuskuYtg>

ASGSR 2012 Videos

<https://youtu.be/FfNy093Fruo?list=PLVPcuBdh7z6diCdX7xEBIWHFlhZr4XPte>