

2023 Sagan Summer Workshop
Characterizing Exoplanet Atmospheres: The Next Twenty Years
Solution Notebooks

[NOTE: the notebook links have been updated to their permanent archive location]

Tar format: https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_notebooks_answers.tar.gz

Zip format: https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_notebooks_answers.zip

Hands-on Session I: Reducing JWST Data: from raw data to light curves

SSW2023_Workshop1_MIRI_Solutions.ipynb

https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_Workshop1_MIRI_Solutions.ipynb

SSW2023_Workshop1_NIRSpec_Solutions.ipynb

https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_Workshop1_NIRSpec_Solutions.ipynb

Hands-on Session II: Fitting JWST Data: from light curves to planet spectra

SSW2023_Workshop2_MIRI_Solutions.ipynb

https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_Workshop2_MIRI_Solutions.ipynb

SSW2023_Workshop2_NIRSpec_Solutions.ipynb

https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_Workshop2_NIRSpec_Solutions.ipynb

Hands-on Session III: Forward Modeling with PICASO

SSW2023_Forward_Model_Picasso_answers.ipynb

https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_Forward_Model_Picasso_answers.ipynb

Hands-on Session IV: Retrievals using petitRADTRANS

SSW2023_petitRADTRANS_intro_exercises_solved.ipynb

https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_petitRADTRANS_intro_exercises_solved.ipynb

SSW2023_petitRADTRANS_retrieval_exercises_solved.ipynb

https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_petitRADTRANS_retrieval_exercises_solved.ipynb

SSW2023_Group_Project_Retrieval_solved.ipynb

https://catcopy.ipac.caltech.edu/ssw2023/hands-on/SSW2023_Group_Project_Retrieval_solved.ipynb