

2023 Sagan Summer Workshop

Characterizing Exoplanet Atmospheres: The Next Twenty Years

Solution Notebooks

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

Zip format: https://catcopy.ipac.caltech.edu/ssw/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://colab.research.google.com/drive/13VxAVLMOoPM6y6ST4OXaWBKw1Sg3xL_2?usp=sharing

SSW2023_Workshop1_NIRSpec_Solutions.ipynb

<https://colab.research.google.com/drive/1Yy9oAFEndk0X27WJAYQ6WDaMVdZCnyRA?usp=sharing>

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

SSW2023_Workshop2_MIRI_Solutions.ipynb

<https://colab.research.google.com/drive/1wVlkajXvIHnzMvOTFbe06xrGm1Bqpi-a?usp=sharing>

SSW2023_Workshop2_NIRSpec_Solutions.ipynb

<https://colab.research.google.com/drive/1uJuH9Q5ZqSg1NQfrAQXYWFN2KFHJx58m?usp=sharing>

Hands-on Session III: Forward Modeling with PICASO

SSW2023_Forward_Model_Picasso_answers.ipynb

https://colab.research.google.com/drive/1CQgjn0d330aJ_FvOoCcUMYtOAJs7hXu5?usp=sharing

Hands-on Session IV: Retrievals using petitRADTRANS

SSW2023_petitRADTRANS_intro_exercises_solved.ipynb

https://colab.research.google.com/drive/1oYj7pIPe_NKuSYxEAhSmZYAVe39L6wDr?usp=sharing

SSW2023_petitRADTRANS_retrieval_exercises_solved.ipynb

https://colab.research.google.com/drive/1NPs70GxcQelz-v_pGNwSsxAY5OaxjhXy?usp=sharing

SSW_Group_Project_Retrieval_solved.ipynb

<https://colab.research.google.com/drive/1qXqdviNJ7jnNnJC6luG7-s3WoYzzyysw?usp=sharing>