

# Introduction to Hands-On Sessions



2016 Sagan Summer Workshop, July 18 – 22 - Pasadena

# Two Options:

1. Is there a Planet in my Radial-Velocity data ?  
*(Xavier Dumusque)*
2. Detection and Spectroscopic Characterization  
of Transiting Exoplanet Observations with the  
James Webb Space Telescope  
*(Nikole Lewis)*

# Schedule

◆ **Monday 11:30 am – 12:30 pm**

Introduction

◆ **Tuesday 3:25 – 5:30 pm**

Radial Velocities : KS 410

Transits: Guggenheim

◆ **Wednesday 2:45 – 4:45 pm**

Radial Velocities: KS 410

Transits: Guggenheim

**Wednesday 4:45 – 5:30 pm**

Start Group Projects

◆ **Thursday 3:20 – 5:30 pm**



Preparation for Presentations

◆ **Friday 1:30 – 3:30 pm**

Group Project Presentations

# Logistics

(..repetita iuvant)

- **Radial velocities:**  
Keith Spalding (KS) Building 4<sup>th</sup> floor  
(yellow dot on name badge )
- **Transits:**  
Guggenheim 1<sup>st</sup> floor  
(green dot on name badge )

# Documents

All are found on the workshop web pages:

## 1) Background Information:

RVs: <http://adsabs.harvard.edu/abs/2016PASP..128f6001F> (Fischer et al. 2016)

Transits: <http://adsabs.harvard.edu/abs/2014PASP..126.1134B> (Beichman et a. 2014)  
<http://adsabs.harvard.edu/abs/2016ApJ...817...17G> (Greene et al. 2016)

## 2) Hands-On Guide:

RVs: [http://nexsci.caltech.edu/workshop/2016/RV\\_hands\\_on\\_session\\_guide.pdf](http://nexsci.caltech.edu/workshop/2016/RV_hands_on_session_guide.pdf)

Transits: [http://nexsci.caltech.edu/workshop/2016/JWSTtransit\\_overview\\_document.pdf](http://nexsci.caltech.edu/workshop/2016/JWSTtransit_overview_document.pdf)

## 3) Project Groups:

RVs: [http://nexsci.caltech.edu/workshop/2016/Questions\\_for\\_RV\\_hands\\_on.pdf](http://nexsci.caltech.edu/workshop/2016/Questions_for_RV_hands_on.pdf)

Transits: [http://nexsci.caltech.edu/workshop/2016/JWSTtransit\\_questions.pdf](http://nexsci.caltech.edu/workshop/2016/JWSTtransit_questions.pdf)