

# **Astrostatistics with R Applications**

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*Please find tutorial material at  
[https://tinyurl.com/NARIT\\_astrostat](https://tinyurl.com/NARIT_astrostat)*

**NARIT-EACOA Workshop on  
Astrostatistics & Astroinformatics**

**August 13-17 2019**

**National Astronomical Research Institute of Thailand**

# Curriculum: Astrostatistics with R Applications

*Version: July 17 2019*

Aug	Hour	Topic	Jupyter notebook & Dataset
13	9:30-10:30	Introduction to astrostatistics & R	
	11:00-12:30 14:00-15:00	Getting started with R	Intro_R
	14:30-16:30	Nonparametrics & local regression	Smooth_R
14	etc		

# Who am I ?

*An astronomer who has been talking  
with statisticians for 30 years*

Prof. of Astronomy & Astrophysics and of Statistics, Penn State

Statistical Scientific Editor, AAS Journals

Lead author of award-winning 2012 graduate text:  
*Modern Statistical Methods for Astronomy with R Applications*

Co-organizer, Summer Schools in astrostatistics (2005--) and  
*Statistical Challenges in Modern Astronomy* conferences (1991-2011)

Past-President, IAU Commission B3 on Astroinformatics & Astrostatistics

Editor, *Astrostatistics & Astroinformatics Portal*