

# ThaiPASS 2021

3<sup>rd</sup> Thailand-UK Python+Astronomy

Summer School

Introduction Event

14th May 2021



# Project Staff

## Main organiser

Dr Siri Chongchitnan (Warwick)

## Thailand organisers

Dr Teeraparb Chantavat (Naresuan)

Dr Apimook Watcharankool (NARIT)

## NARIT team

They will answer general questions (e.g. certificates)

Ms Supaluck Chanthawan (Ant)

+ NARIT foreign affairs team

## Teaching team (Chiang Mai University)

They will answer Python+Astronomy questions on Slack (in Thai/English)

Ms Kamolporn Haewsantati (Lin)

Ms. Tatphicha Promfu (Tat)

Ms. Khemsinan Gunsriwiwat (Grace)

Mr. Ponlawat Yoifoi (Nickname)

Ms. Paparin Jamlongkul (Nuch)



## UK teams

They will answer Python+Astronomy questions Slack in English

Dr Marco Pignatari

Dr Claire Cashmore

Dr Richard Stancliffe

+ Mr Iraj Vaezzadeh (Marker)

} (Hull)

Dr Dimitris Stamatellos  
(Central Lancashire)

+ Mr Adam Fenton

Prof Tom Marsh (Warwick)

+ student assistants



**E. A. Milne Centre for  
Astrophysics  
University of Hull**

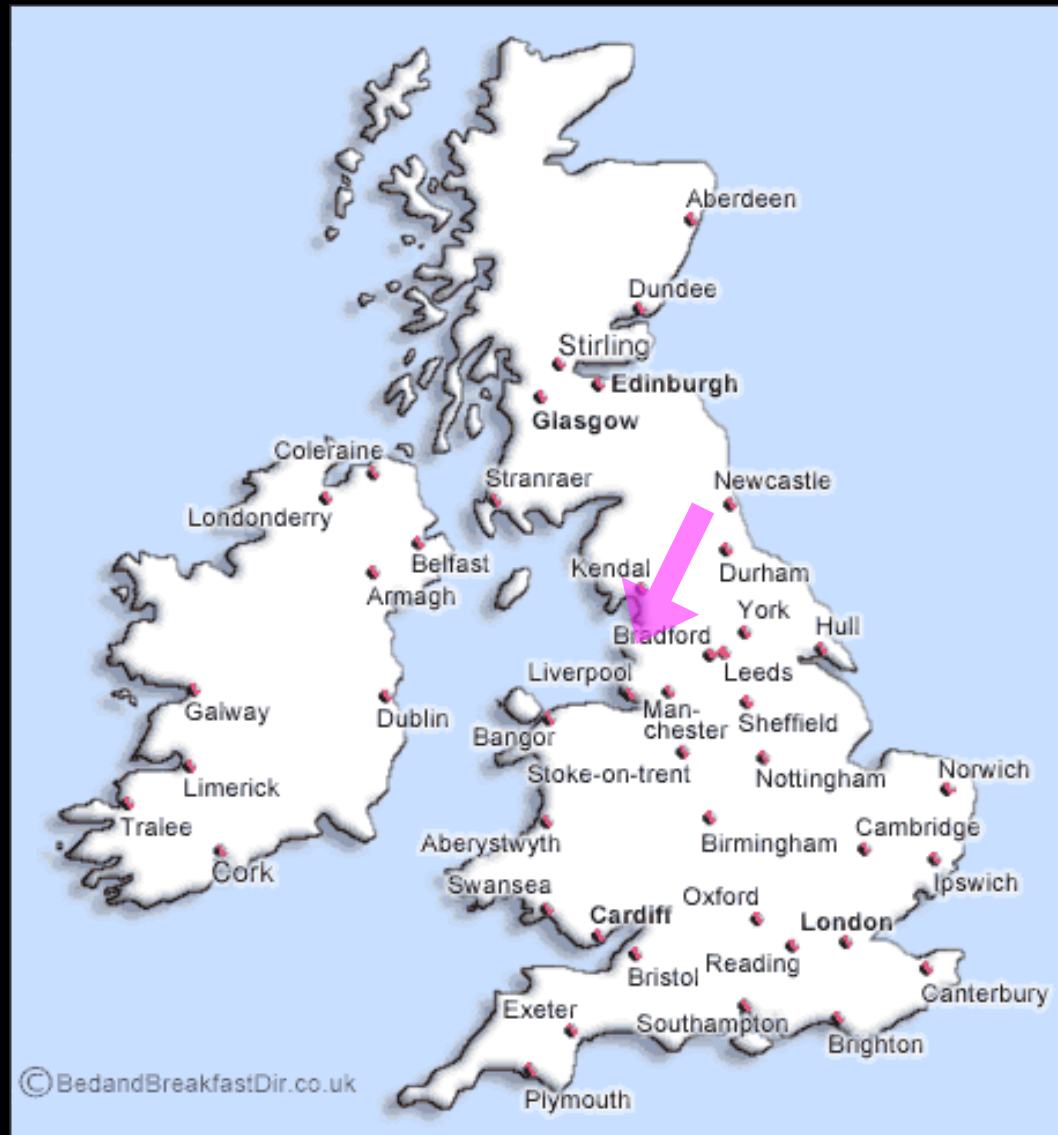




# Jeremiah Horrocks Institute

## University of Central Lancashire

### (UCLAN), Preston





# Mathematics Institute & Department of physics University of Warwick Coventry



# Video from Prof. Tom Marsh



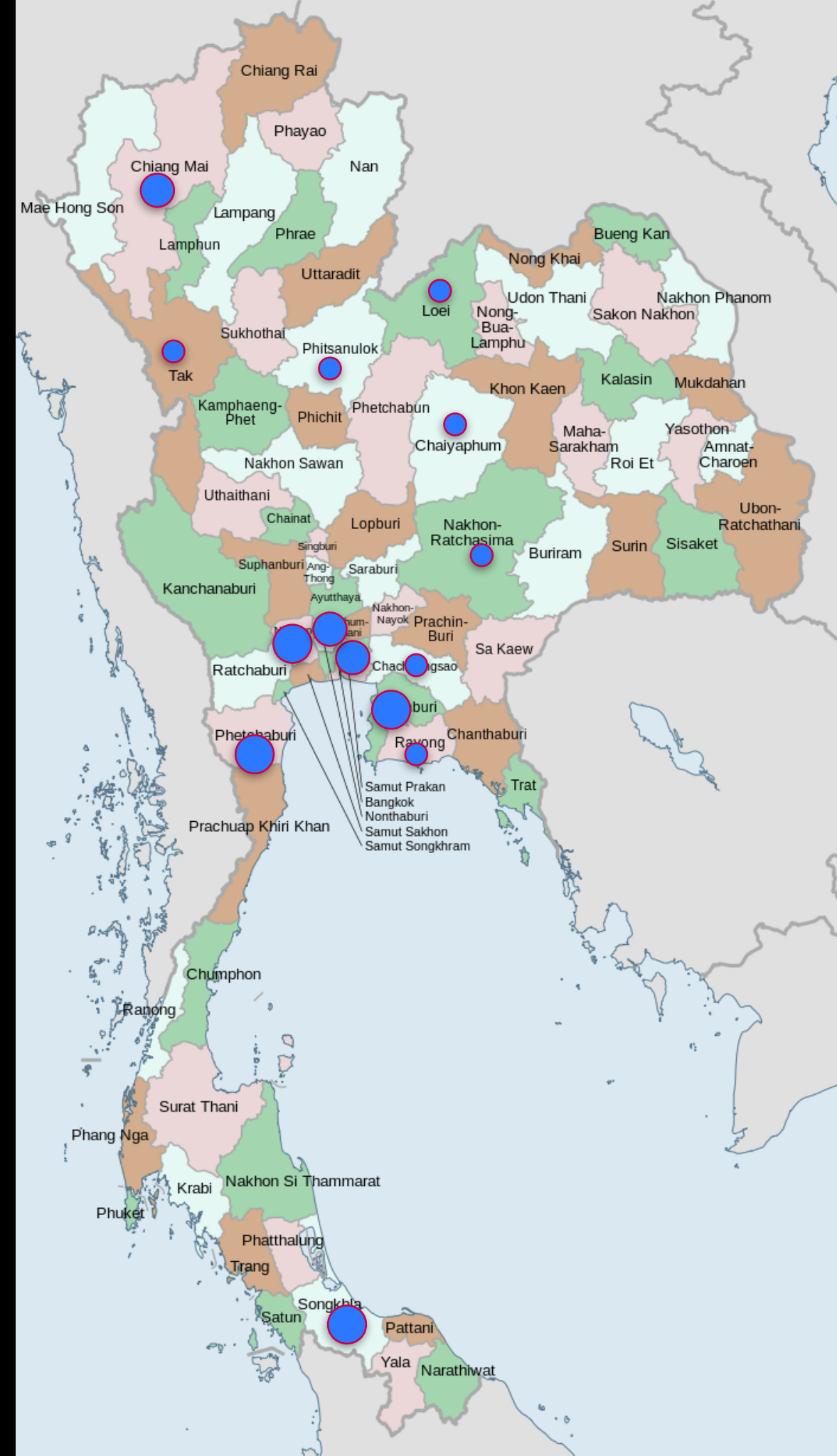
(He is sleeping 😴 because he is doing observation this week.)



## 63 students and 18 teachers from 23 schools @ ThaiPASS'19

- Chiangmai U. Dem. Sch.
- Chulalongkorn U. Dem. Sch.
- Datdaruni
- Hatyai Wittayalai
- Kamnoetvidya Science Academy
- Kasetsart U. Dem. Sch. Kamphangsae
- Mahidol Wittayanusorn
- Phra Pathom Wittayalai
- Piboonbumpen Burapha U. Dem. Sch.
- Prince of Songkla U. Dem. Sch.
- Princess Chulabhorn Chonburi
- Princess Chulabhorn Loei
- Princess Chulabhorn Phetchaburi
- Princess Chulabhorn Phitsanulok
- Prommanusorn
- Punjadee
- Satri Nontaburi
- Sribunyanon
- Suankularb Wittayalai
- Surawiwat
- Takpittayakhom
- Triamudom Suksa
- Varee Chiang Mai

**+ NARIT staff**



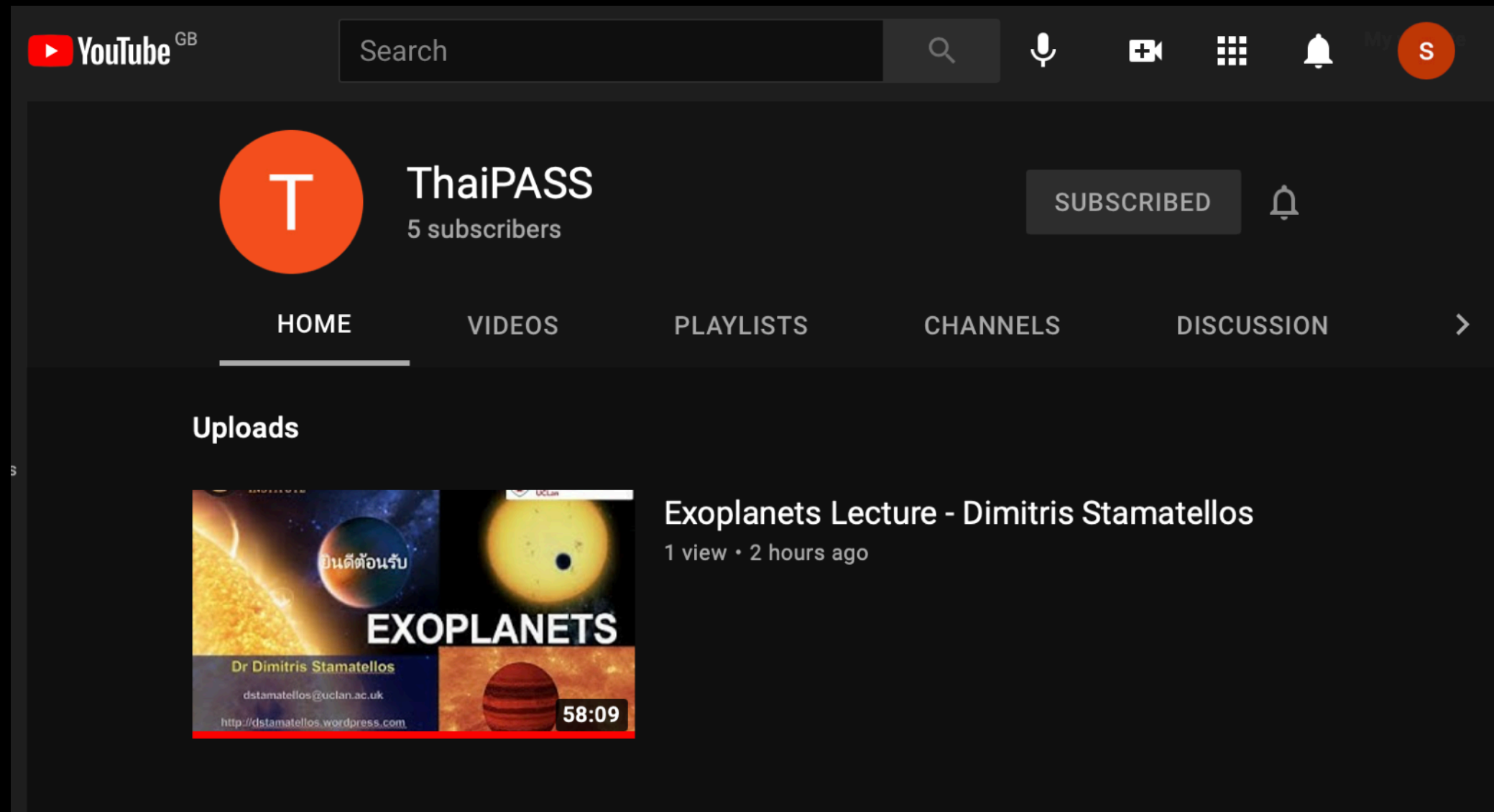
# What next?

All details and links are on  
<https://indico.narit.or.th/event/140/page/301-courses-and-homework>

- Monday 17th May  
All videos uploaded on our **YouTube** channel
- You have 3 sets of homework (ipynb files) on **GitHub**
  1. The Lives of Stars
  2. Exoplanets
  3. Astronomy at High Speed
- Do them in any order. Can work with friends from same school and submit one piece of work (on ThaiPASS website)
- Please ask question on **Slack**. Don't be shy!
- Deadline: 20th June. If you need more time (e.g. sick) please email us.
- We will mark your work. You will get a certificate by the end of July.
- For teachers: please see email from Dr Teeraparb

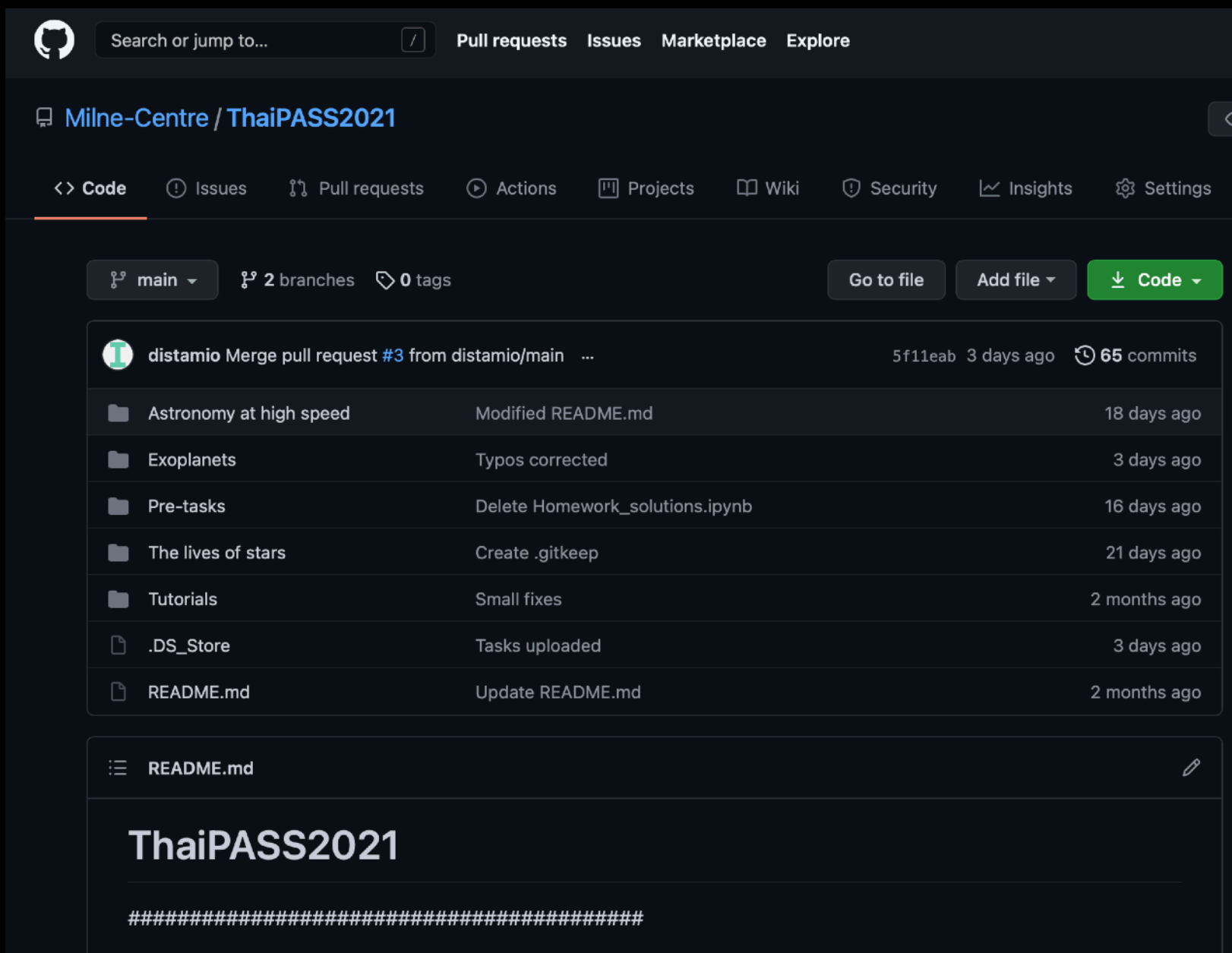


# YouTube channel



<https://www.youtube.com/channel/UCmcolCvLGnlvQ6BFrMB9dkQ>

# GitHub



- 3 homework in 3 folders. Look for ipynb files.
- Don't start work until Monday 17th May.
- Pre-tasks = Pre-ThaiPASS homework, with answers. Please have a look!

<https://github.com/Milne-Centre/ThaiPASS2021>



# Slack

- To join:  
[https://join.slack.com/t/thaipass2021/shared\\_invite/zt-p9yy8nte-XwL8g8hQLJtgc5i9RWfmYA](https://join.slack.com/t/thaipass2021/shared_invite/zt-p9yy8nte-XwL8g8hQLJtgc5i9RWfmYA)
- Can download Slack app on your phone
- [thaipass2021.slack.com](https://thaipass2021.slack.com)
- Type your questions in English or Thai
- Use the correct channel!

The screenshot displays the Slack interface for the workspace 'ThaiPASS 2021'. On the left sidebar, the channel list includes 'All DMs', 'Drafts', 'Mentions & reactions', 'More', and a list of channels: '# astronomy-at-high-s...', '# exoplanets', and the selected '# general'. Below channels are 'Direct messages' with contacts like Slackbot, Siri Chongchitnan, c.cashmore, Dimitris Stamatellos, khemsinan26, Kamolporn Haewsan..., modkanpatom, Paparin, Ponlawat Yoifoi, Tatphicha P, and Tom Marsh.

The main area shows the '#general' channel with a header indicating 12 members. A message states: 'You're looking at the #general channel. General announcements. [Edit description](#)'. A date separator for 'Tuesday, April 20th' is present. Messages from the previous day include: c.cashmore (10:55 AM) joining with Siri Chongchitnan; Siri Chongchitnan (12:57 PM) waving; Tom Marsh (4:13 PM) joining; and Tom Marsh (4:15 PM) saying 'Hello all'.

The next date separator is 'Wednesday, April 21st', followed by a message from Dimitris Stamatellos (8:56 AM) joining.

The next date separator is 'Friday, April 23rd', followed by a message from Siri Chongchitnan (11:20 AM) setting the channel description to 'General announcements'.

The final date separator is 'Tuesday, April 27th', followed by a message from Kamolporn Haewsantati (6:05 AM) joining with 5 others.

At the bottom is a text input field 'Send a message to #general' with a rich text editor toolbar containing icons for bold, italic, link, code, linkify, bulleted list, numbered list, indent, and a link icon. To the right of the input are buttons for text formatting (Aa), mentions (@), emojis (😊), and attachments (📎).

# Submit homework

[Home](#)[Programme](#)[Courses and homework](#)[Python for Teachers](#)[Covid statement](#)[Speakers](#)[Pre-ThaiPASS exercise](#)[Participants](#)

## Courses and homework

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On this page you will find information about

- Videos on our [YouTube Channel](#) (please subscribe). This will be released on 17th May 2021.
- Homework ipynb notebooks on [GitHub](#). This will be released on 17th May 2021.
- Q&A forum on [Slack](#). You may ask questions in Thai or English.
- Homework submission links. Click below to submit. Students from the same school may choose to submit together.  
**Deadline 20th June 2021.**
  - ['Astronomy at High Speed' homework submission](#)
  - ['The Lives of Stars' homework submission](#)
  - ['Exoplanets' homework submission](#)





# ThaiPASS homework 'The Lives of Stars'

Use this form to upload your work for the "Lives of Stars" session.

Name + Surname (everyone who contributed to this homework)

\*

Jisoo Kim, Jennie Kim, Rosé Park, Lisa Manoban

Name of school \*

Blackpink School

Upload your file(s).

Add file

➤ SUBMIT

Made with



**What will you get?**



# Certificate Example 1

2021 ThaiPASS  
Thailand-UK

Python +  
Astronomy  
Summer School

This is to certify that **Ms. Jisoo Kim** from **Blackpink School** has completed the following training courses at ThaiPASS'21

Course	Delivered by	Achievement
Exoplanets	University of Central Lancashire	Pass
The Lives of Stars	University of Hull	Distinction
Astronomy at High Speed	University of Warwick	Distinction

[Signature of Dr Saran]

Supported by:



Science & Technology  
Facilities Council



# Certificate Example 2

2021 ThaiPASS  
Thailand-UK

Python +  
Astronomy  
Summer School

This is to certify that **Ms. Lisa** from **Blackpink School**  
has completed the following training courses at ThaiPASS'21

Course	Delivered by	Achievement
Exoplanets	University of Central Lancashire	Pass
The Lives of Stars	University of Hull	Pass

[Signature of Dr Saran]

Supported by:



Science & Technology  
Facilities Council



# Our message to you

- We really love questions! Please ask us on Slack (English or Thai, but try English!)
- Chat with students from other schools on Slack.
- Check the ThaiPASS website for the latest news.

<http://www.narit.or.th/thaipass3>

- Message from Dr Saran Poshyachinda  
(Executive Director of NARIT)



# Contact

- For Python and Astronomy questions, ask on Slack
- For general questions about certificates, registration etc.  
[thaipass@narit.or.th](mailto:thaipass@narit.or.th)
- All other questions/comments, write to me at [siri.chongchitnan@warwick.ac.uk](mailto:siri.chongchitnan@warwick.ac.uk)
- Good luck!