



# Big History and Collective Learning

## Summer Day Camp 2018/19

(BHCL/SDC/001)

### Introduction

[Big History and Collective Learning](#), first introduced in 2016/17, by Advanced Learning Experiences Division of HKAGE, aims to introduce this emerging discipline to educators and students in Hong Kong.

As an extension to “Pre-Course of Big History and Collective Learning Summer Day Camp 2019” (BHCL/001/C) and “Intermediate course in Artificial Intelligence: Machine Intelligence – Principles and Applications” (TECS2461), this Summer Day Camp will merge the concepts of Sustainability and Artificial Intelligence to explore through the perspective of Big History, how both has impacts on us humans.

### Speakers

**Prof. LAU Kai Hon Alexis**

Professor, Division of Environment and Sustainability, HKUST

**Prof. LEE Tan**

Associate Professor, Department of Electronic Engineering, CUHK

**Prof. NG Tai Kai**

Executive Director, HKAGE

### Programme Type / Level

Advanced Course

### Target Participants

S3 – S6 HKAGE preliminary and full members

Capacity: 30

(Priority will be given to student members who have completed **BHCL/001/C** **OR TECS2461**)

### Language

English

### Certificate

**Certificate** will be awarded to participants who have:

- Completed all the assignments with satisfactory performance
- Required attendance rate

### Intended Learning Outcomes

Upon successful completion of the program, the participants should be able to:

- 1) Examine the importance of acquiring a ‘scientific’ narrative on the progress of human history;
- 2) Evaluate the role of ‘data’ in the progression of humankind, especially its importance in contemporary AI.
- 3) Demonstrate multidisciplinary understanding on the impact of AI or machine learning on humankind in the 21<sup>st</sup> century;
- 4) Acquire and apply interdisciplinary skills in approaching modern day issues, such as sustainability.



## Schedule & Programme

Date	8 – 13 July 2019 (Monday – Saturday)
Time	09:00am – 17:00pm (please arrive 15 mins early)
Venue	Hong Kong University of Science and Technology (HKUST) <b>Room 4582 (Lift 27-28)</b> <a href="#">Campus Map of HKUST</a>
Programme	Big History and Collective Learning Summer Day Camp 2018/19

	0900 - 1200	1200 - 1330	1330 - 1400	1400 - 1530	1530 - 1700
<b>Day 1</b> 8 July 2019 (Monday)	0900 – 0915 Opening Ceremony 0915 – 1045 Speaker: Prof Alexis Lau, HKUST 1045 – 1115 Break 1115 – 1245 Speaker: Prof Tan Lee, CUHK		1430 – 1530 Forum Topic: “Humans VS Artificial Intelligence”  Speakers: Prof Alexis Lau, HKUST, Prof Tan Lee, CUHK Moderator: Prof TK Ng, HKAGE		Student Groupings
<b>Day 2</b> 9 July 2019 (Tuesday)	Student Exchange Workshops	Lunch Break		Student Exchange Workshops	
<b>Day 3</b> 10 July 2019 (Wednesday)	Preparation of Student Project Presentation			Preparation of Student Project Presentation	
<b>Day 4</b> 11 July 2019 (Thursday)	Trial of Student Project Presentation			Professors’ Feedback on Trial of Student Project Presentation	
<b>Day 5</b> 12 July 2019 (Friday)	Refinement of Student Project Presentation			Professors’ Feedback of Student Project Presentation	
<b>Day 6</b> 13 July 2019 (Saturday)	Student Presentation		Feast (with professors and guest lecturer)		Closing Talk from Guest Lecturer

Application Deadline **12 noon, 14 June 2019 (Friday)**      Application Result **18 June 2019 (Tuesday)**

Student members may withdraw from the course on or before the deadline. Otherwise, the token will be deducted.

**Remarks** As some of the dates of the Summer Day Camp may clash with school days, please approach the Advanced Learning Experiences Division for supporting documents for Letter of Leave.

**Enquiries** For enquiries, please contact Advanced Learning Experiences Division at 3940 0101 (After language selection, please press “6”) or by email at [ale@hkage.org.hk](mailto:ale@hkage.org.hk).

### Acknowledgement