

# Big History and Collective Learning Student Presentation and Ceremony

(A2BHC003P)

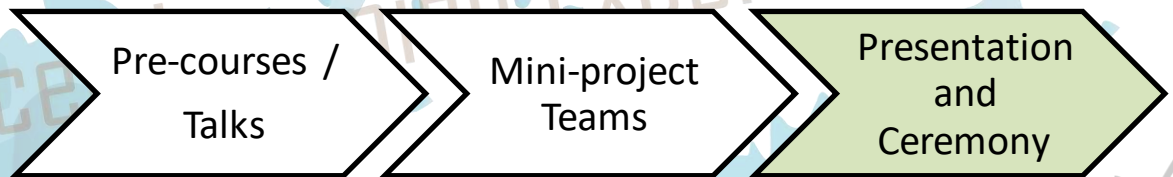
## Introduction

**Interested in learning more about history and Artificial Intelligence?**

**Interested in finding out what mini-projects and other student members at HKAGE are doing?**

**All student members are welcome to join the event!**

**Big History and Collective Learning (BHCL) Project Framework**



It comes to witness the outcomes of the BHCL mini-project teams. In June 2020, 21 students were invited and divided into 7 mini-project teams of 3 to further examine specific problems, brainstorm, and formulate different solutions. After the pre-courses and/ or introductory talks, students were formulated and worked under the direct supervision of university professors and instructors in the fields of environment and suitability, physics and/or electronic engineering.

The presentation and ceremony is an extended learning activity of the mini-project teams which allows students to present their ideas and findings through poster exhibition and presentation in front of experts and other HKAGE student members.

**The topics to be presented are:**

1. How can IT, or AI help school education after Covid-19.
2. Base on the current pandemic situation, how lessons should be delivered to increase learning effectiveness?
3. How can we build a social system that is more favorable in tackling global problems like COVID-19?
4. Competition for the Greater Living Space - Its History and Significance
5. Environmental cost of advancing artificial intelligence
6. Learning a new language: human vs. machine
7. Humans and AI: merging and coexistence

**\*\*\*\*Q&A from participants is welcome\*\*\*\***

**About BHCL:**

Big History, a novel interdisciplinary perspective originally introduced by Prof David Christian, attempts in providing an evidence-based scientific narrative of the cosmic evolutionary changes from the Big Bang to the present stage of human society. If there is such a framework, *can we use it to extrapolate our future? Will climate change drive us to extinction? How sustainable is the present course of human development? Will we have A.I.-robot-human mixed society as described in many science-fiction stories?*

| <b>Programme Type</b>             | Student Conference ( <a href="#">Token-required</a> )   |                 |      |       |                          |                 |                 |
|-----------------------------------|---|-----------------|------|-------|--------------------------|-----------------|-----------------|
| <b>Judging Panel</b>              | <p><b><u>Judging panel members</u></b></p> <p><b>Prof. Alexis Lau Kai Hon</b><br/>Head and Chair Professor of Division of Environment and Sustainability, Hong Kong University of Science and Technology (HKUST)</p> <p><b>Prof. Tan Lee</b><br/>Associate Professor, Faculty of Engineering, The Chinese University of Hong Kong (CUHK)</p> <p><b>Prof. Ng Tai Kai</b><br/>Chair Professor, Department of Physics, Hong Kong University of Science and Technology (HKUST)</p> <p><b>Dr. Jimmy Wong Kam-yiu</b><br/>Executive Director, The Hong Kong Academy for Gifted Education (HKAGE)</p> <p><b>Mr. Aidan Wong Wai Hin</b><br/>PhD Candidate in Environmental Science, Policy and Management at The Hong Kong University of Science and Technology (HKUST)</p> |                 |      |       |                          |                 |                 |
| <b>Target Participants</b>        | <ul style="list-style-type: none"> <li>❖ P4 – S6 HKAGE members</li> <li>❖ Capacity: 80</li> </ul> <p><i>*First-come, first-served while capacity lasts</i></p>  |                 |      |       |                          |                 |                 |
| <b>Medium of Instruction</b>      | English and/or Cantonese (subject to student presenters)  |                 |      |       |                          |                 |                 |
| <b>Certificate</b>                | Students who have attended and <b><u>completed the student feedback form</u></b> will be awarded with an e-certificate of Attendance issued by the HKAGE.   |                 |      |       |                          |                 |                 |
| <b>Intended Learning Outcomes</b> | Upon completion of the student conference, students should be able to: <ol style="list-style-type: none"> <li>1. become interested in learning more about Big History and Artificial Intelligence subjects;</li> <li>2. acquire more knowledge on student project topics and presentation;</li> <li>3. describe strength and weakness of the student projects and presentation;</li> <li>4. became motivated in doing a mini-project on a topic I am interested in.</li> </ol>  |                 |      |       |                          |                 |                 |
| <b>Application Deadline</b>       | <p><b>11 March 2021, Thursdays (12:00 noon)</b></p> <p>Student members may withdraw from the course on or before the deadline. Otherwise, the token will be deducted.</p>   |                 |      |       |                          |                 |                 |
| <b>Schedule</b>                   | <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Date</th> <th>Time</th> <th>Venue</th> </tr> </thead> <tbody> <tr> <td>13 March 2021 (Saturday)</td> <td>2:30pm – 5:30pm</td> <td>Room G01, HKAGE</td> </tr> </tbody> </table>   | Date            | Time | Venue | 13 March 2021 (Saturday) | 2:30pm – 5:30pm | Room G01, HKAGE |
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| <b>Enquiries</b>                  | For enquiries, please contact Ms Christie SO at 3940 0101 (after language selection, press “6”) or email to <a href="mailto:ale@hkage.org.hk">ale@hkage.org.hk</a>  |                 |      |       |                          |                 |                 |