

The Information Enigma: Intelligent Design in the Origin of Life and the Universe (revised syllabus, 4 April 2019), planned for 17 June to 28 June 2019 at Hong Kong Baptist University

Visiting faculty: Paul Nelson, Brian Miller, Change Tan, Paul Chien
Video-conference faculty: Stephen Meyer, Douglas Axe, Günter Bechly
HKBU faculty: Andrew Loke, Kwan Kai Man

Day 1: Mon 6/17 The Basic Logic of Intelligent Design

- 09:00-10:00 Primer on Evolutionary Theory; Definitions of Evolution; Theoretical Claims (Miller)
- 10:00-11:00 What is Intelligent Design? The Logic of Design Inferences. Overview of Key ID Evidences (Miller)
- 11:00-11:20 Coffee Break
- 11:20-12:20 Key Discoveries of Molecular Biological Revolution (Tan)
- 12:20-14:15 Lunch
- 14:15-15:15 *Unlocking The Mystery of Life* (film in Mandarin)
- 15:15-16:15 Q & A about Film and Morning Sessions

Day 2: Tue 6/18 The Origin of Life and the Origin of Genetic Information

Signature in the Cell [companion text]

- 09:00-10:00 Signature in the Cell, Part 1: What Needs to Be Explained (Video-conference: Meyer)
- 10:00-11:00 Signature in the Cell, Part 2: Competing Explanations for the Origin of Life (Video-conference: Meyer)
- 11:00-11:20 Coffee Break
- 11:20-12:20 Signature in the Cell, Part 3: The Case for Intelligent Design (Video-conference: Meyer)
- 12:20-14:15 Lunch

(Day 2: Tue 6/18, continued)

- 14:15-15:15 Why Don't Undirected Processes Explain the Foundations?
Understanding the Humpty-Dumpty Principle
(Nelson)
- 15:15-16:15 Q & A with Entire Faculty

Day 3: Wed 6/19 The Irreducible Complexity of Molecular Machines

Darwin's Black Box and *Darwin Devolves* [companion texts]

- 09:00-10:00 Introduction to Molecular Machines and the Concept of
Irreducible Complexity
(Nelson or Tan)
- 10:00-11:00 Responding to Objections to Behe's Argument based on the
Type III Secretory System
(Miller)
- 11:00-11:20 Coffee Break
- 11:20-12:20 Other Molecular Machines and Irreducibly Complex Systems:
The ATP Synthase; The Topoisomerase; Kinesin and the
Photosynthesis Complex
(Nelson, Miller and Tan)
- 12:20-14:15 Lunch
- 14:15-15:15 Tutorial in Mandarin with Loke, Kwan Kai Man, Chien and Tan
- 15:15-16:15 Tutorial in Mandarin with Loke, Kwan Kai Man, Chien and Tan

Day 4: Thu 6/20 Biology and The Design Intuition

Undeniable [companion text]

- 09:00-10:00 Our Design Intuition (Undeniable summary)
(Video-conference: Axe)
- 10:00-11:00 Rarity of Genes and Proteins in Sequence Space: Summary of
2004 JMB Research and Why it Matters
(Video-conference: Axe)
- 11:00-11:20 Coffee Break

(Day 4: Thu 6/20, continued)

- 11:20-12:20 How Han Characters from Mandarin Give Insight into the Functional Complexity of Genes and Proteins: The Stylus Program
(Video-conference: Axe)
- 12:20-14:15 Lunch
- 14:15-15:30 Fossil Discontinuities
(Video-conference: Günter Bechly)
- 15:30-16:45 *Darwin's Dilemma* (film in Mandarin), Q & A

Day 5: Fri 6/21 The Cambrian Explosion and the Origin of Body Plans

Darwin's Doubt [companion text]

- 09:00-10:00 Chengjiang Fossils and the Cambrian Explosion
(Nelson)
Information Enigma (short film in English)
- 10:00-11:00 Building Animals via Development Needs Foresight
(Nelson)
- 11:00-11:20 Coffee Break
- 11:20-12:20 Origin of Body Plans
(Tan)
- 12:20-14:15 Lunch
- 14:15-15:15 Metamorphosis as Evidence of Design
(Nelson and Tan)
- 15:15-16:15 *Metamorphosis* (film in Mandarin); Q & A

Day 6: Mon 6/24 Intelligent Design as Scientific Research Program, Part One

- 09:00-10:00 Science does not Need Methodological Naturalism
(Nelson)
- 10:00-11:00 Design Triangulation as a Research Method, Part 1
(Nelson)
- 11:00-11:20 Coffee Break. Switch

(Day 6: Mon 6/24, continued)

- 11:20-12:20 Orphan Genes and Their Design Significance
(Tan)
- 12:20-14:15 Lunch
- 14:15-15:15 Tutorial in Mandarin with Loke, Kwan Kai Man, Chien and Tan
- 15:15-16:15 Tutorial in Mandarin with Loke, Kwan Kai Man, Chien and Tan

Day 7: Tue 6/25 Intelligent Design as Scientific Research Program, Part Two

- 09:00-10:00 Don't Be Afraid of the God of the Gaps
(Nelson)
- 10:00-11:00 Why I Love Biology – and God
(Tan)
- 11:00-11:20 Coffee Break
- 11:20-12:20 Intelligent Design Research Projects, Part 1
(Miller, Nelson, Tan);
Design Triangulation as a Research Method, Part 2
(Nelson)
- 12:20-14:15 Lunch
- 14:15-15:30 The Illicit Role of Theology in Evolutionary Theory
(Nelson)

Day 8: Wed 6/26 Evidence of Intelligent Design in Physics

- 09:00-10:00 Anthropic Fine Tuning, Cosmology, and Design
(Miller)
- 10:00-11:00 The Multiverse or Intelligent Design?
(Miler)
- 11:00-11:20 Coffee Break
- 11:20-12:20 The Privileged Planet Hypothesis
(Miller)
- 12:20-14:15 Lunch

(Day 8: Wed 6/26, continued)

14:15-15:15 *The Privileged Planet* (film in Mandarin)

15:15-16:15 Q & A with Entire Faculty

Day 9: Thu 6/27 The Theistic Implications of Intelligent Design

09:00-11:00 The Return of the God Hypothesis
(Video-conference: Meyer)

11:00-11:20 Coffee Break

11:20-12:20 The Cosmological Information Problem
(Video-conference: Meyer)

12:20-14:15 Lunch

14:15-15:15 Tutorial in Mandarin with Loke, Kwan Kai Man and Tan

15:15-16:15 Tutorial in Mandarin with Loke, Kwan Kai Man and Tan

Day 10: Fri 6/28 Summing Up the Seminar

09:00-10:00 Exciting Intelligent Design Research Projects, Part 2
(Miller, Nelson, Tan)

10:00-11:00 Open Discussion with Entire Faculty

11:00-11:20 Coffee Break

11:20-12:20 Open Discussion with Entire Faculty

12:20-14:15 Lunch

14:15-15:15 Open Discussion with Entire Faculty

15:15-16:15 Open Discussion with Entire Faculty