# A Question of Science
**PHILOSOPHICAL DIALOGUE IN SCIENCE EDUCATION**

Monday 18th – Tuesday 19th March 2019  
National STEM Learning Centre, York UK

**Registration:** www.york.ac.uk/education/research/uyseg/coursesandconferences/

## Monday 18th March

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.30</td>
<td>Introductions</td>
</tr>
</tbody>
</table>
| 9.30  | Welcome  
Tom McLeish, Professor of Natural Philosophy, University of York |
| 10.00 | Workshop: Can a tree get pregnant? 
Philosophical thinking skills in Flemish science education  
Jelle de Schrijver and Jan Sermeus, Odisee University College |
| 11.00 | Coffee |
| 11.30 | Presentation: Is P4C compatible with Danish STEM-curriculum?  
Caecilie Ketel Hejl, University of Southern Denmark |
| 12.00 | Workshop: “Brown shoes don’t make it” - the Mothers of Invention and the context of discovery.  
Pieter Mostert, Independent |
| 13.00 | Lunch |
| 14.00 | Presentation: Philosophy of Science in Brazilian High Schools  
Caio Seiji Nagayoshi and Daniela Lopes Scarpa, University of São Paulo |
| 14.30 | Workshop: exploring big ideas in science and mathematics using P4C  
Rod Cunningham, Independent |
| 15.30 | Coffee |
| 16.00 | Collective discussion on Philosophy in Science Education |

## Tuesday 19th March

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
</table>
| 9.30  | Presentation: Teaching Metacognition and Critical Thinking through Philosophical Enquiry  
Emma Worley, The Philosophy Foundation and SOPHIA |
| 10.00 | How TPF do philosophy in schools around science.  
Peter Worley, The Philosophy Foundation |
| 11.00 | Coffee |
| 11.30 | Philosophy of Science and 'Fake News'  
Laura Kerslake and Rupert Wegerif, University of Cambridge |
| 12.00 | Thinking Science – Philosophical questions for science education  
Ellie Cripps, University of Bristol |
| 13.00 | Lunch |
| 14.00 | Presentation: Fourth grade students’ understanding of inductive and deductive arguments  
Yalcin Yalaki, Hacettepe University |
| 14.30 | Workshop: Can science be dangerous? Philosophical dialogue to address ethically and culturally sensitive topics in the secondary science class  
Veerle verschoren, Eef Cornelissen |
| 15.30 | Coffee |
| 16.00 | Plenary |