



## 2021 ON-LINE UK-JAPAN YOUNG SCIENTIST WORKSHOP

# STUDENT TEAM PRESENTATIONS

**Friday 23<sup>rd</sup> July, 2021**  
9.00 UK time/17.00 Japan time

*This past week, senior students from schools in Britain and in Japan have been working together on-line in five small UK-Japan teams with British and Japanese scientists who have challenged them to explore issues related to the scientists own fields of study, to question and to think for themselves. Today we learn something of their achievements. Time constraints mean that each team can only give the briefest account of all they accomplished in those few short days.*

*This Workshop was devised and organised by The Clifton Scientific Trust in association with Fukushima High School and the Kyoto University of Education Attached Senior High School, with generous financial support/support in kind from The Great Britain Sasakawa Foundation, Mitsubishi Electric Europe, The Japanese Women's Association in Great Britain, Kyoto University of Education and Barclays Bank*



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<http://www.clifton-scientific.org> 49 Northumberland Road, Bristol BS6 7BA, UK

# PROGRAMME

UK time/Japan time

**09.00/17.00 WELCOME**

**Dr Eric Albone**

Clifton Scientific Trust

**9.05/17.05-10.45/17.05-18.45 STUDENT TEAM PRESENTATIONS/ QUESTIONS**

Chaired By Mr Ryo Mizuta, Engineering, Cambridge University

**9.05/17.05 Chicxulub; a Planetary Catastrophe and What We Can Learn From It**

with Dr Auriol Rae and Mr Simon Crowhurst, Earth Sciences, Cambridge

Facilitator Mr Ryo Mizuta

- Alex Aldridge, Abbeygate 6<sup>th</sup> Form College, Bury St Edmunds
- Anzu Kato, Kyoto Seibogakuin SHS
- Ayana Munagata, Iwaki High School
- Ivy Waring, The Sele School, Hertford
- Jacob Roe, St Mary Redcliffe & Temple School, Bristol
- Matthew Taylor, Thomas Hardye School, Dorchester
- Sayuki Imanaka Kyoto Univ of Education attached SHS
- Shin Kanda, Tohoku Univ Egg Programme (Akita High School)
- Sydney Smith, Hinchley Wood School, Esher
- Wakana Hoshi, Fukushima High School

**9.25/17.25 Climate Change Mitigation Role for Nuclear Energy, Yes or No?**

with Prof Geraldine Thomas, Director Chernobyl Tissue Bank, Imperial College

Facilitator Wilf Harvey

- Finn Barber, Abbeygate 6<sup>th</sup> Form College, Bury St Edmunds
- Freddie Watkins, Hinchley Wood School, Esher
- Jo Orrell, Thomas Hardye School, Dorchester
- Josh Ward, The Sele School, Hertford
- Kokone Matsuura, Kyoto Univ of Education attached SHS
- Maya Rowles, St Mary Redcliffe & Temple School, Bristol
- Saori Taya, Kyoto Seibogakuin SHS
- Shiori Tokiwa, Fukushima High School
- Sota Sato, Tohoku Univ Egg Programme (Sakata East High School)

**9.45/17.45 “See the Unseen”**

with Dr Ganesh Pandian Namasivayam, Institute of Integrated Cell-Material Sciences,

Kyoto University; Facilitators Ga Kitada and Nagi Tateno

- Ayumi Kashiwagi, Kyoto Seibogakuin SHS
- Eni Banjoko, The Sele School, Hertford
- Aaron Hurrell, Abbeygate 6<sup>th</sup> Form College, Bury St Edmunds
- Jane Jeffery, Thomas Hardye School, Dorchester
- Jinnosuke Ishida, Kyoto Univ of Education attached SHS
- Kanon Shoji Tohoku Univ Egg Programme (Miyagi First High School)
- Lucy Hennessy, St Mary Redcliffe & Temple School, Bristol
- Sophie Frith, Hinchley Wood School, Esher
- Yuto Hakozaki, Iwaki High School

### **10.05/18.05 Emergency Planning against future great earthquakes and tsunamis**

with Dr Anawat Suppasri, IRIDeS, Disaster Risk Division, Tohoku University

Facilitator Nick Czepliwicz

- Kanako Esato, Kyoto Seibogakuin SHS
- Ryan Caruana, The Sele School, Hertford
- Oliver Wolfe, Abbeygate 6<sup>th</sup> Form College, Bury St Edmunds
- Elizabeth Gant, Thomas Hardye School, Dorchester
- Haruto Awaji, Kyoto Univ of Education attached SHS
- Yunosuke Tadano, Tohoku Univ Egg Programme (Sendaiseiryō High School)
- Sam Spencer, St Mary Redcliffe & Temple School, Bristol
- Lincoln Grasby, Hinchley Wood School, Esher
- Takako Akane, Fukushima High School

### **10.25/18.25 Science Communication- a Professional Workshop Podcast**

with Dr Eva Higginbotham and Dr Sally Le Page, The Naked Scientist Team, Cambridge

Facilitators Andrew Fox and Koshiro Kiso

- Ayane Takatsu, Iwaki High School
- Dillon Haunton, Thomas Hardye School, Dorchester
- Elin Johnson, Hinchley Wood School, Esher
- Isaac Todman, St Mary Redcliffe & Temple School, Bristol
- Kaho Hashimoto, Fukushima High School
- Koki Okano, Kyoto Univ of Education attached SHS
- Madison Payne, Abbeygate 6<sup>th</sup> Form College, Bury St Edmunds
- Rei Yoshimoto, Kyoto Univ of Education attached SHS
- Sharon Anthony, The Sele School, Hertford

### **10.45/18.45 SHORT BREAK**

### **10.50/18.50 COMMENTARIES**

- Prof Sir Martin Rees OM, FRS, Lord Rees of Ludlow, Astronomer Royal and formerly President of the Royal Society and Master of Trinity College Cambridge
- Ms Akiko Kawakami, First Secretary, Science, Technology and Innovation, Embassy of Japan
- Prof Alexander Boksenberg, FRS, Emeritus Professor of Experimental Astronomy, Cambridge University
- The Earl of St Andrews, Patron, Clifton Scientific Trust and Chairman Great Britain Sasakawa Foundation

### **11.10/19.10 CLOSING REMARKS**

- Isaac Todman, St Mary & Temple School, Bristol
- Mr Alexander Bishop, Hinchley Wood School, Esher
- Kaho Hashimoto, Fukushima High School
- Mr Ryota Endo, Fukushima High School
- Dr Eric Albone, Clifton Scientific Trust

### **11.35/19.35-11.40/19.40 CERTIFICATES**