

Key:  All Audience (All)  Primary (P)  Secondary (S)

Please consult the live digital timetable Sched for fuller session details on <https://aseannualconference2022shu.sched.com/> and be sure to apply the date filter to 12<sup>th</sup> January only.

Time	1 ASE projects	2 Sustainability	3 Innovation A	4 Innovation B	5 Future of education and inclusion
08:45 – 08:55	<b>(All) Welcome to the International Day Online at ASE Annual Conference 2022</b> Hannah Russell, ASE CEO and Marc Neesam, Chair of ASE International Committee				
08:55 – 09:25	<b>(All) Keynote: Balancing play in science learning: developing children's scientific learning in the classroom through imaginary play</b> Professor Marilyn Flear				
09:25 – 09:30	Quick break				
09:30 – 10:30	<b>(All) Panel session: Play in Science Education</b> Professor Marilyn Flear, Dr Gopal Kutwaroo, Julian Grenier and others				
10:30 – 11:00	Break				
11:00 – 11:45	<b>(All) Science Education for Action and Engagement towards Sustainability (SEAS):</b>  Marianne Cutler, Maarja Joe, Alfredo Jornet Gil, Stefan Bengtsson, Hanna Krimm, Susanne Kubisch	<b>(P) Embedding Sustainable Development Goals into the Primary Science Curriculum:</b>  Jemima Davey and Amy Strachan	<b>(All) Pupils love molecular models: early atomism exposure in HEC:</b>  Haruhiko Funahashi, Koji Tsukamoto, Michael M Hull, Tomoko Hasegawa, Mariko Kobayashi, Noritake Okazaki, Haruki Abe	<b>(S) Promoting learning in the science classroom using an innovative model of learning discourse:</b>  Ade Magaji	<b>(S) An education to prepare our young people for the future - an update on the 2025 Pisa framework developments:</b>  Fiona Lloyd-Williams and Amie Hewish OUP

11:45 to 12:15	Break				
12:15 – 13:00	<b>(S) ASE Retention Initiative for Science Education (RISE) formerly Teacher SOS:</b>  Marianne Cutler	<b>(All) How addressing change in science education for sustainability can support educational development:</b>  Maarja Joe, Lynda Sygna	<b>(P) Developing STEAM skills through purposeful play:</b>  Dr Gopal Kutwaroo	<b>(S) Science Mark (secondary) - a route to improvement:</b>  Glenys Hart, Yeasmin Mortuza, Mary Howell	<b>(S) Bringing student investigations into the 21st century:</b>  David Clapp
13:00 – 13:45	Lunch				
13:45 – 14:30	<b>(P) Impact on primary teachers and their pupils – key findings from ASE’s interdisciplinary project “A fossil hunter’s story”</b>  Marianne Cutler, Elizabeth Nolan, Wynne Harlen, Derek Bell, Stuart Naylor	<b>(S) Climate Science: A priority for the science curriculum</b>  Melissa Aurelia	<b>(All) CASTME: Talk and do science at home:</b>  Sue Dale Tunnicliffe	<b>(S) How the concept of Epistemic Inquiry can help plan a science curriculum:</b>  Alex Black	<b>(S) Mental health in the science curriculum:</b>  Judith Roberts, Daniel Morrish, Aman Sidhu
14:30 to 15:00	Break				
15:00– 15:45	<b>(S) Getting Practical- the art and science of demonstration:</b>  Marianne Cutler, Richard Needham, Ed Walsh	<b>(S) Supporting pupils in dealing with the challenges of the future:</b>  Sibel Erduran, Olga Ioannidou	<b>(P) Journeys in Primary Science Teacher Professional Development:</b>  Bryony Turford, Lynne Bianchi and Helen Spring	<b>(S) Science by Simulation: A Mezze of Mathematical Models:</b>  Dr Andrew French	<b>(S) The Science Literacy Toolbox for SEND students:</b>  Dr Susie Nyman
15:45 – 16:00	Quick Break				
16:00 – 16:40	<b>(All) Keynote by ASE President: Coherence in Science Education</b> Professor Michael J Reiss				
16:40 - 17:00	<b>(All) Awards and Close:</b> Professor Michael J Reiss				