

# Symposium Schedule

Bragg Building entrance: <https://w3w.co/ledge.guards.gains>

Car Park 8 entrance: <https://w3w.co/clear.bottle.appeal>

Churchill College: <https://w3w.co/issued.tricky.tags>

**Friday 12th July 2024: 09:30 - 20:30**

Isaac Physics new resources for quality physics teaching and learning for KS3-5 and beyond			
Time	Location	Activity	Actions
09.30 - 10.00	Bragg Building, foyer	Registration	Collect your goody bag and lanyard from the Bragg foyer. Note: please use Car Park 8 Code 9846 if travelling by car, do not park in bays in front of the Cavendish laboratory. Luggage may be stored in the Cavendish
10.00 - 10.15	Bragg Building, Pippard Lecture Theatre (PLT)	Welcome and housekeeping with Dr Lisa Jardine-Wright OBE and Ingrid Murray	
10.15 - 11.15	Bragg Building, Pippard LT	Isaac Update: using and embedding & STEM SMART programme with Dr Lisa Jardine-Wright OBE	
11.15 - 11.30	Bragg Building, foyer	COFFEE BREAK	SELF-SERVICE
11.30 - 12.30	Bragg Building, Pippard LT	Introduction to Physics Problem-solving (I) with Dr Lisa Jardine-Wright and Dr Anton Machacek	Together we will try out Isaac challenge questions for Key Stages 3,4 and 5 - identifying key learning outcomes, starting with Challenge 1 (C1).
12.30 - 13.30	Bragg Building, foyer	BUFFET LUNCH with Teacher Marketplace 13.00-13.25	SELF-SERVICE
13.30 - 14.30	Bragg Building, Pippard LT	Maths Resources with Dr Julia Riley, Dr Jonathan Waugh and Matthew Rihan IOP Research: Ally Davies	What's new in our maths resources for science; our new course Maths Skills for Teachers; your feedback
14.30 - 15.30	Bragg Building, Pippard LT	Isaac 11-14 with Dr Lisa Jardine-Wright OBE and Dr Nicki Humphry-Baker	What's new at KS3 and plans; try out the resources
15.30 - 15.40	Bragg Building, foyer	COFFEE BREAK	SELF-SERVICE
15.40 - 16.40	Bragg Building, Pippard LT	Developing Problem Solving (II) with Dr Lisa Jardine-Wright OBE and Robin Hughes	Together we will try out Isaac challenge questions for Key Stages 3,4 and 5 - identifying key learning outcomes, continuing with Challenge 1/2 (C1/C2).
16.40 - 17.00	Bragg Building, Pippard LT	Ada Computer Science with Diane Dowling and Alex Parry; Physics Outreach with Dr Jacob Butler; HOUSEKEEPING	Showcasing Ada Computer Science and Cambridge Physics Outreach opportunities for your school

17.00 - 18.15	In front of Cavendish Building to Churchill College Porters' Lodge	Transfer to Churchill College by foot (taxi as required)	Check into your room and get ready for the evening entertainment!
18.15 - 19.00	Walking route: Churchill to Corpus Christi or taxi	Transfer to Corpus Christi College by foot (taxi as required) Quiz: Science and Cambridge fun facts!	Join our leisurely walking bus from Churchill to Corpus, via some iconic Cambridge landmarks. Have a go at our quiz - there will be prizes!
19.00 - 19.45	Corpus Old Court	DRINKS RECEPTION and Expert Teacher celebration	Network with other teachers, Isaac Ambassadors and the Isaac Team over an alcoholic or non-alcoholic glass of fizz! We will award the quiz prizes
19.45 - 20.45	Corpus Dining Hall	DINNER	
20.45 - 21.15	Walking route: Corpus Christi to Churchill or taxi	Digestive walk after dinner or taxi as required.	Those who wish to continue the evening in Cambridge town centre may make their own way into town and back to Churchill.

## Saturday 13th July 2024: 09:00 - 16:00

Isaac Physics new resources for quality physics teaching and learning for KS3-5 and beyond			
Time	Location	Activity	Actions
07.30 - 08.30	Churchill College Dining Room	BREAKFAST	SELF-SERVICE
08.30 - 08.40	Churchill College Porters' Lodge	Check out of Room	Please bring your luggage and return your key to the Porters. Luggage may be stored at Churchill and collected later, alternatively you can store it at the Cavendish
08.40 - 08.55	Churchill College to Cavendish Lab, Bragg Building	Walk to Cavendish Lab	You should bring your luggage, unless it is stored at Churchill
08.55 - 09.00	Bragg Building, foyer	Saturday Admin	Collect your Saturday books and store your luggage in the Bragg foyer
09.00 - 10.00	Bragg Building, Pippard LT	Supporting Learning with Dr Anton Machacek, Dr Lee Phillips and Kimlam Nguyen	Isaac Physics Features, Content and Events to support learning. Try out new features and content!
10.00 - 11.00	Bragg Building, Pippard LT	Introduction to Chemistry and Biology Resources with Dr Andrea Chlebikova and Dr Lewis Thomson	Try out some of our chemistry book questions, chemistry editor and boards by topic for chemistry and biology, Using the question finder and

			support from the WhatsApp Communities
11.00 - 11.15	Bragg Building, foyer	COFFEE BREAK	SELF-SERVICE
11.15 - 12.10	Bragg Building, Pippard LT	Extending Problem-solving (III) with Dr Lisa Jardine-Wright OBE and Dr Nicki Humphry-Baker	Together we will try out Isaac challenge questions for Key Stages 3,4 and 5 - identifying key learning outcomes, progressing to Challenge 2/3 (C2/C3).
12.10 - 12.30	Bragg Building, Pippard LT	Enrichment and Wonder with Robin Hughes	Learn about how to stimulate physics thinking with Robin's selection of practical activities
12.30 - 13.45	Bragg Building, foyer/1B Lab	LUNCH/ Robin's Toys/ Teacher Marketplace	SELF-SERVICE 12.30: Group A: 1B Lab Group B: lunch 13.00: Marketplace 13.15: Group A: lunch Group B: 1B lab
13.45 - 14.15	Bragg Building, Pippard LT	Opportunities for Teachers and our Isaac Community with Ingrid Murray and the Isaac Physics Ambassadors	Find out about CPD, Expert Teachers and Embedded Schools; Q&A
14.15 - 15.15	Bragg Building, Pippard LT	Developing Isaac Physics with Dr Lisa Jardine-Wright OBE and James Sharkey	Demos of new Isaac Physics features coming soon; teacher input and feedback
15.15 - 15.45	Bragg Building, Pippard LT	Embedding Isaac in Your Scheme of Work with Ingrid Murray and the Isaac Physics Ambassadors	Embed Isaac Physics resources in your electronic scheme of work ready for the new academic year
15.45 - 16.00	Bragg Building, Pippard LT	Concluding Words with Dr Lisa Jardine-Wright OBE	Final words before going home!