



# European Conference on Trapped Ions | hybrid ECTI 2021

## Monday, 22 November 2021

### Oxford satellite meeting (BrECTI) + hybrid ECTI: BrECTI-1 (all times in CET) - Tsuzuki Lecture Theatre, St. Anne's college (09:45 - 11:30)

time	[id] title	presenter
09:45	[34] Welcome to hybrid ECTI	HENNRICH, Markus
10:00	[36] Charge transfer reactions between rare gas ions and polar molecules	TSIKRITEA, Andriana
10:25	[37] Dawn of Precision Measurements with Cold Antihydrogen	CRIDLAND, April
10:50	[38] Sympathetic cooling of positrons to cryogenic temperatures for antihydrogen production	MAXWELL, Daniel
11:10	[39] An Ion Trap Source of Cold Atomic Hydrogen via Photodissociation of the BaH <sup>+</sup> Molecular Ion	JONES, Steven A.

### Oxford satellite meeting (BrECTI) + hybrid ECTI: BrECTI-2 (all times in CET) - Tsuzuki Lecture Theatre, St. Anne's college (12:00 - 13:30)

time	[id] title	presenter
12:00	[40] A High-fidelity Quantum Matter Link between Ion Trap Modules	AKHTAR, Mariam
12:25	[41] Fast Two-Ion Entangling Gate via Rydberg Interaction	ZHANG, Chi
12:50	[42] Collective optical pumping into a maximally entangled state	MALINOWSKI, M
13:10	[43] A low-noise, ultrastable 674 nm laser for quantum metrology with entangled 88Sr <sup>+</sup> ions	WILPERS, Guido

### Oxford satellite meeting (BrECTI) + hybrid ECTI: BrECTI-3 (all times in CET) - Tsuzuki Lecture Theatre, St. Anne's college (15:00 - 16:10)

time	[id] title	presenter
15:00	[44] Ion-photon interfaces for quantum networking	STUTTER, Graham
15:25	[45] Device-Independent Quantum Key Distribution Between Two Ion Trap Nodes	NADLINGER, David P.
15:50	[46] A quantum network of entangled optical atomic clocks	NICHOL, B. C.