

## Erskine Williamson Day 2025 Programme

<b>9:50 – 10:00</b>	Welcome Address—Ingo Loa, Interim Director of CSEC
<b>10:00 – 10:30</b>	Willem Vanderlinden (SoPA) <i>HIV infection: challenges and opportunities in the host cell</i>
<b>10:30 – 11:00</b>	Stewart Gault (SoPA) <i>Living under pressure: a biological future for CSEC</i>
<b>11:00 – 11:30</b>	<i>Coffee break</i>
<b>11:30 – 12:00</b>	Simon Parsons (SoC) <i>Behaviour of occupied and void space in molecular crystal structures at high pressure</i>
<b>12:00 – 12:30</b>	Carole Morrison (SoC) <i>Finding heterogeneous nucleating agents for phase change materials: a data-driven approach</i>
<b>12:30 – 13:00</b>	Neil Robertson (SoC) <i>Pressure-switchable molecular semiconductors</i>
<b>13:00 – 14:30</b>	<i>Lunch and posters</i>
<b>14:30 – 15:00</b>	Miguel Martinez-Canales (SoPA) <i>Modelling matter in the GPa to TPa regime</i>
<b>15:00 – 15:30</b>	Andrew Huxley (SoPA) <i>Charge density wave order and superconductivity</i>
<b>15:30 – 15:50</b>	Ian Butler (SoG) <i>4D X-ray microtomography – new insights into geological processes</i>
<b>15:50 – 16:30</b>	<i>Group picture and coffee break</i>
<b>16:30 – 17:00</b>	Filipe Teixeira-Dias (SoE) <i>The collision chronicles: from sports fields to cosmic shields</i>
<b>17:00 – 17:30</b>	Malcolm McMahon (SoPA) <i>Extreme conditions science using the world's brightest X-ray sources</i>
<b>18:30 – 21:00</b>	Dinner at St Trinnean's Dining Room, St Leonards Hall, Pollock Halls