INSTITUTE FOR THEORETICAL PHYSICS

Perimeter Institute @CERN HST 2023

All resources can be downloaded free of charge from resources.perimeterinstitute.ca

Morning Session

PERIMETER

Dark Matter Lab Wooden Blocks Card Sort Curved Spacetime <u>The Mystery of Dark Matter</u> <u>Making Models: Wooden Blocks</u> <u>Beyond the Atom</u> <u>Revolutions in Science</u> <u>GPS and Relativity (Time Dilation)</u> <u>Fields (Mercury's Orbit)</u>

Afternoon Session

Climate Change activities Black Box Model Wave-Particle Duality Electron Orbitals Evidence for Climate Change Process of Science Challenge of Quantum Reality Beyond Bohr: A Quantum Approach to the Atom

Other Resources that might interest you: <u>Contemporary Physics (Particle Detectors)</u> <u>The Expanding Universe</u> <u>Black Holes</u> <u>Fields</u>

Don't forget to check out the posters and breakout activities too!

Coming soon!! Nature of Science

Contact information:

Dave Fish (<u>dfish@pitp.ca</u>) Sean Jackson (<u>sean_jackson@wrdsb.ca</u>) Emma Nichols (<u>enichols@pitp.ca</u>)

31 Caroline St. N., Waterloo, Ontario, Canada, N2L 2Y5 Phone 519.569.7600 I Fax 519.569.7611 I perimeterinstitute.ca Charitable registration number: 88981 4323 RR0001





(Y1) 2

31 Caroline St. N., Waterloo, Ontario, Canada, N2L 2Y5 Phone 519.569.7600 I Fax 519.569.7611 I perimeterinstitute.ca Charitable registration number: 88981 4323 RR0001



(Y1) 2

31 Caroline St. N., Waterloo, Ontario, Canada, N2L 2Y5 Phone 519.569.7600 I Fax 519.569.7611 I perimeterinstitute.ca Charitable registration number: 88981 4323 RR0001