

**Panagiota Chatzidaki Applied
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Panagiota (Yiota) grew up in Rethymno, Crete, Greece. Initially, she studied Applied Mathematical and Physical Sciences at the National Technical University of Athens in Greece. During that time, she spent 7 months at CERN conducting her diploma thesis on the optics optimization of tertiary particle beamlines and on the efficiency measurement of prototype scintillating fiber detectors. After that, she obtained a Masters in Particle Physics at the University of Heidelberg, Germany. As part of her master thesis, she spent one year at CERN working on the Time Projection Chamber of the ALICE experiment, where she studied and developed algorithms to correct for the Common-mode effect and the ion-tail in the signal shape.

In 2022, she started her PhD in physics education research based at CERN, in affiliation with the University of Lund, Sweden. Her PhD project is to develop and evaluate digital learning modules (DLMs) about CERN-related physics topics and applications. At the same time, she will investigate the effect of these DLMs on students' conceptual understanding, interest, physics-related self-concept and career aspirations.

Yiota enjoys taking part in various outreach and educational activities and has so far contributed to efforts in Greece, Germany and in the Geneva region. She likes spending her free time outdoors, playing the flute, gardening, and doing various sports.