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# Core Formation and Core Composition

James Badro\*<sup>1</sup>

<sup>1</sup>Institut de Physique du Globe de Paris (IPGP) – CNRS : UMR7154 – 1 rue jussieu 75005 Paris, France

## Abstract

I will review some of the recent work, mostly using the laser-heated diamond anvil cell and ab initio calculations, to investigate the formation and composition of Earth's core, its secular evolution, its energetics. What we know, what we don't know, and what's in between.

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\*Speaker