Translational symmetry breaking in holographic strange metals

Balm, F.A.

Curriculum Vitae

I was born on August 3, 1994 in Utrecht, the Netherlands. I completed my secondary education at the Gemeentelijk Gymnasium in Hilversum in 2012, on a Nature and Technology profile along with the research project 'Algae as Biofuel', which I graduated Summa cum Laude.

That same year of 2012, I left for Scotland, where I studied Theoretical Physics at the University of Edinburgh. I graduated with a Masters of Physics in 2017, on the thesis 'Exploring the ρ-resonance in Lattice QCD' under prof.dr. Luigi Del Debbio. Over these five years, I won the class medal for Theoretical and/or Mathematical Physics four times, and I was awarded several scholarships and grants: the Neil Arnott Scholarship, the Donald Fraser Bursary and the Brodie Memorial Prize, and two Summer Research Internship grants for 2015 and 2016.

In September of 2017 I started as a PhD student under prof.dr. Jan Zaanen and prof.dr. Koenraad Schalm at the Lorentz Institute for Theoretical Physics, part of the Leiden Institute of Physics of Leiden University. Alongside the research presented in this thesis I have attended several schools during this time such as the DRSTP Schools in High Energy and Condensed Matter Physics, both in Dalfsen (NL), the MANEP Winter School in Saas-Fee (CH) and the Gapless Fermions International school in Dresden (DE). I have also presented work at several conferences and workshops, among others Physics@Veldhoven (NL) and the 2020 Strange Metal Workshop in Leiden (NL). I have attended several others, such as RDSCQM Nordita, Stockholm (SE), the Amsterdam String Summer workshop (NL), Bringing Holography to the Lab in Leiden (NL) and SCES 2022 in Amsterdam(NL).

As of November 1, 2022, I have started working as a Quantitative Analyst/Credit Risk Modeller for ABN AMRO in Amsterdam.

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