

Faculty position

The GRAPPA (Gravitation AstroParticle Physics Amsterdam) Institute is a new initiative within the Science Faculty of the University of Amsterdam. Launched in October 2011, GRAPPA is a collaboration between the institutes for Theoretical Physics, Astronomy and High Energy Physics (<http://uvaapp.nl/>). Five new faculty have just been hired: Shin'ichiro Ando, Gianfranco Bertone, Patrick Decowski, Ben Freivogel and Jacco Vink, whose research interests include dark matter, dark energy, neutrinos, and cosmic rays, with a focus on both theoretical modeling of astrophysical source physics as well as (in)direct detection. In addition, there are about 15 affiliated GRAPPA faculty from the collaborating institutes, who are involved in experimental work at Antares/KM3NeT, ATLAS, XENON1T/XENON100, CTA and LOFAR, as well as theory.

The GRAPPA Institute seeks to appoint an additional tenured-track or tenured professor with a proven record of interdisciplinary research in Astroparticle Physics, an excellent publication record, and ability to teach inspiringly and attract external research funding. We are considering applications in all areas of Astroparticle Physics, especially those with strong overlap with the research interests of the Institute for High Energy Physics (IHEF) and the 'Anton Pannekoek' Institute (API).

Salary and (generous) benefits are according to standard Dutch academic pay scales, commensurate with rank and age of the appointed candidates.

Applicants should send their CV as well as a research and teaching statement to itf@science.uva.nl, and ensure that three letters of recommendation are sent to the same address, by December 15, 2011.

GRAPPA Postdoctoral Fellowship

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We are pleased to announce the creation of the first GRAPPA Postdoctoral Fellowship, and we are currently looking for excellent researchers who would like to work on projects relevant to the GRAPPA interdisciplinary program, either independently or in collaboration with existing members. Candidates should have a background in a field related to astroparticle physics, and they should have obtained their PhD after January 2008 or expect to obtain it by September 2012. The Fellowship appointment will be for 3 years, with a salary set by Dutch labor law, including generous benefits and funds for travel, computers, etc.

Candidates should send a cover letter, a research statement, and a curriculum vitae including publications to itf@science.uva.nl, with the subject "GRAPPA Fellowship". The research statement (maximum 4 pages) should include a summary of past research and an explanation of how the proposed research fits into the GRAPPA initiative. Candidates should also ensure that three letters of recommendation are sent to the same address by the deadline, December 15, 2011.

ERC postdoctoral positions

The GRAPPA Institute invites applications for one or two postdoctoral positions in the framework of the ERC Starting Grant 'WIMPs Kairos: The moment of truth for WIMP Dark Matter', coordinated by G. Bertone. A strong background in the phenomenology of Dark Matter is preferred, but all exceptional candidates will be considered. Candidates should have obtained their PhD after January 2008 or expect to obtain it by September 2012.

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Candidates should send a cover letter, a research statement of up to 4 pages, and a curriculum vitae including publications gf.bertone@gmail.com, with the subject 'ERC postdoc'. Candidates should also ensure that at least two letters of recommendation are sent to the same address by the deadline, December 15, 2011.

All candidates will be automatically considered for other postdoctoral positions in the group, including the 3-year GRAPPA postdoctoral fellowship. <http://uvaapp.nl/index.html>