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Non-fermi liquid behaviour in uranium-based heavy-fermion compounds

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Published work

Publications related to the work described in this thesis:

- P. Estrela, A. de Visser, T. Naka, F.R. de Boer and L.C.J. Pereira: "*Probing U_2Pt_2In in the Doniach Phase Diagram*", in preparation.
- P. Estrela, A. de Visser, F.R. de Boer and L.C.J. Pereira: "*Magnetoresistance Study of the Non-Fermi Liquid Compound U_2Pt_2In* ", in preparation.
- P. Estrela, T. Naka, A. de Visser, F.R. de Boer and L. Shlyk: "*Recovery of a Fermi Liquid State in $U_3Ni_3Sn_4$* ", in preparation.
- P. Estrela, A. de Visser, G.J. Nieuwenhuys, A. Schenck, A. Amato and L.C.J. Pereira: " *μ SR Study of the Non-Fermi Liquid Compound U_2Pt_2In* ", in preparation.
- A. de Visser, M.J. Graf, P. Estrela, A. Amato, C. Baines, D. Andreica, F. Gygax and A. Schenck: "*Magnetic Quantum Critical Point and Superconductivity in UPt_3 Doped with Pd*", submitted to Phys. Rev. Lett.
- L. Shlyk, P. Estrela, J.C. Waerenborgh, L.E. De Long, A. de Visser, D.P. Rojas, F. Gandra and M. Almeida: "*Crystal Structure and Physical Properties of $U_3T_3Sn_4$ ($T=Ni, Cu$) Single-Crystals*", Physica B 292 (2000) 89-96.
- A. Schenck, R.J. Keizer, A. de Visser, A. Amato, D. Andreica, F.N. Gygax, M. Pinkpank, P. Estrela, M.J. Graf, A.A. Menovsky and J.J.M. Franse: "*Muon Localization Site in $U(Pt,Pd)_3$* ", Physica B 289-290 (2000) 455-458.
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- A.P. Gonçalves, P. Estrela, J.C. Waerenborgh, J.A. Paixão, M. Bonnet, J.C. Spirlet, M. Godinho and M. Almeida: "*Crystallographic and Magnetic Properties of $UF_{5.8}Al_{6.2}$ Single Crystals*", J. Magn. Magn. Mater. 189 (1998) 283-292.
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