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### Magnetotransport studies of the single and bilayer two dimensional electron gas in the quantum Hall regime

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# List of publications

1. **G. Galistu**, A. de Visser and A.M.M. Pruisken, “*Magnetotransport study of relevant and irrelevant critical behavior in the quantum Hall regime of an InGaAs/GaAs heterostructure*”, in preparation.
2. M.V. Yakunin, A. de Visser, **G. Galistu**, S.M. Podgornykh, Yu.G. Sadofyev, N.G. Shelushinina and G.I. Harus, “*Evolution of the spin-split quantum Hall states with magnetic field tilt in the InAs-based double quantum wells*” J. Phys.: Conf. Series **150** (2009) 022100.
3. M.V. Yakunin, **G. Galistu** and A. de Visser, “*Tilted magnetic field quantum magnetotransport in the double quantum well with a sizable bulk g-factor  $\text{In}_x\text{Ga}_{1-x}\text{As/GaAs}$* ”, Physica E **40** (2008) 1451-1453.
4. V.A. Kulbachinskii, I.S. Vasil'evskii, R.A. Lunin, **G. Galistu**, A. de Visser, G.B. Galiev, S.S. Shirokov and V.G. Mokerov, “*Electron barrier transport and optical properties of shallow GaAs/InGaAs/GaAs quantum wells with a thin central AlAs barrier*” Semicond. Sci. Techn. **22** (2007) 222-228.
5. A. de Visser, L.A. Ponomarenko, **G. Galistu**, D.T.N. de Lang, A.M.M. Pruisken, U. Zeitler and D. Maude, “*Quantum critical behavior of the plateau-insulator transition in the quantum Hall regime*” J. Phys.: Conf. Series **51** (2006) 379-386.