

List of publications

February 2013

F. van Overbeeke, R.J.W. de Groot, J. Bozelie, J.G. Slootweg, "Thermal Optimization of an Integrated LV Battery Energy Storage Station", CIRED-2013, Stockholm, Sweden 10-13 June 2013.

R.J.W. de Groot, F. van Overbeeke, S. Schouwenaar, J.G. Slootweg, "Smart Storage in the Enexis LV Distribution Grid", CIRED-2013, Stockholm, Sweden, 10-13 June 2013.

R.J.W. de Groot, P. Karaliolios, J.G. Slootweg, E.C.W. de Jong, F. van Overbeeke, "Smart Storage: Embedding Local Storage in the Distribution Grid", PowerTech 2013, Grenoble, France, 16-20 June 2013.

J. Lava, J.F.G. Cobben, W. Kling, F. van Overbeeke, "Implementation of the Bronsbergen Microgrid using FACDS", 5th European PV-hybrid and Minigrid Conference, Tarragona, Spain, 29-30 April 2010.

J. Lava, J.F.G. Cobben, W. Kling, F. van Overbeeke, "Addressing LV network power quality issues through the implementation of a microgrid", International Conference on Renewable Energy and Power Quality (ICREPQ), Granada, Spain, 23-25 March 2010. Re-published in Portuguese in EM (Brazil), March 2011, pp 116-125.

F. van Overbeeke, "Fault Current Source to Ensure the Fault Level in Inverter-Dominated Low-Voltage Networks", CIRED-2009, Prague, 8-11 June 2009.

F. van Overbeeke, B. Tanovic, M.T.H. Meeks, "Mitigation of Flicker in Rural LV Networks", CIRED-2007, Vienna, Austria, 21-24 May 2007.

"DG – can we handle that ?", presentation during Round Table Session on Decentralised Generation, CIRED-2005, Turin, Italy, June 2005.

D. Pudjianto, G. Strbac, F. van Overbeeke, A.I. Androutsos, Z. Larrabe, J.T. Saraiva, "Investigation of Regulatory, Commercial, Economic and Environmental Issues in MicroGrids", Conference on Future Power Systems, Hoofddorp, the Netherlands, 2005.

"The world is changing: Renewable Energy on the Customer Side of the Meter" (in Dutch), presentation during Novem Praktijkfestival, 10 December 2003.

"Active Network Control in the Era of Distributed Generation". Presentation during the Eltra Grid Conference, Fredericia, Denmark, 26 February 2003.

"What's happening to the grid ?". Presentation during Eurelectric Workshop on network integration of distributed generation, Brussels, 27 November 2002.

"Active networks facilitating integration of distributed generation", Proceedings of the 2nd International Symposium on Distributed Generation: Power System and Market Aspects, Stockholm, 2-4 October, 2002.

"Active networks as facilitators for embedded generation", Cogeneration and On Site Power Production, James & James Publishers, March-April 2002. Presentation under the same title during IQPC conference on embedded generation in distribution networks, London, 25 January 2002.

"Accommodating decentralised generation on the electrical grid", MarcusEvans conference on embedded generation, London, 4 December 2001.

"The changing identity of an energy distribution company", Journal of Network Industries 2: 69-76, 2001. Presentation under the same title during a conference on "convergence of infrastructures", Delft University of Technology, 19 May 2000.

"The involvement of an energy company in micro-cogeneration", presentation during the EConergy conference, Utrecht, 27 January 1999.

"General design of a traction converter" (in Dutch), EnergieTechnologie, VNU Business Publications, December 1991.

"Traction drive for British-rail Clas 323 EMU with four-quadrant PWM 50 Hz line-side converter", Proceedings of the EPE Conference, Florence, September 1991, pp. 4-644 to 4-648.

"Modelling and control of a 4-quadrant pulse modulated line-side converter for 25 kV, 50 Hz-supplied traction equipment", Proceedings of the EPE Conference, Florence, September 1991, pp. 1-105 to 1-110.

F. van Overbeeke, R.L. Dubbeldam, H.J. Israël, "Evaluation of the production of a short twin-aperture dipole magnet for LHC from an industrial point of view", 1990 Applied Superconductivity Conference, Snowmass, Colorado, September 1990. Published in: IEEE Trans. on Magnetics MAG-27:2, March 1991, pp. 1748-1751.

F. van Overbeeke, "On the application of superconductors in power transformers", PhD thesis, Twente University, Enschede, November 1986.

F. van Overbeeke, H.H.J. ten Kate, L.J.M. van de Klundert, "A superconducting modulator for extremely sensitive voltage measurements across multifilamentary superconducting wires", Applied Superconductivity Conference, Baltimore, Sep-Oct 1986. Published in IEEE Transactions on Magnetics MAG-23:1987, Issue 2, pp 1413-1416.

F. van Overbeeke, A.A. Oldenburger, A. Visser, L.J.M. van de Klundert, "Quench propagation in a superconducting coil with a high-resistivity matrix wire", 11th International Cryogenic Engineering Conference (ICEC-11), Berlin, April 1986.

F. van Overbeeke, K. Oordt, L.J.M. van de Klundert, "Design and operation of a protection system for transformers with superconducting windings", Cryogenics 25 (1985), pp. 687-694, December 1985.

F. van Overbeeke, L.J.M. van de Klundert, "Superconducting Transformers in Power Systems (in Dutch: Supergeleidende transformatoren in de energievoorziening)", Symposium organized by Landelijk Overleg Toegepaste Supergeleiding (LOTS), 1985.

F. van Overbeeke, K. Oordt, L.J.M. van de Klundert, A.A. Oldenburger, "Transient characteristics of a double-coil protection device for superconducting transformers", 9th International Conference on Magnet Technology (MT-9), Zurich, Switzerland, September 1985.

F. van Overbeeke, K. Oordt, L.J.M. van de Klundert, "Protection of Superconducting Transformers against Destruction by Fault Currents", Cryogenic Engineering Conference (CEC-1985), Boston, August 1985.

F. van Overbeeke, "Experimental investigation of the loss characteristics of superconductors for AC power applications", IEEE Transactions on Magnetics MAG-21, pp. 366-369 (March 1985).

F. van Overbeeke, K. Oordt, L.J.M. van de Klundert, "Investigation of a protection system for transformers with superconducting windings", 10th International Cryogenic Engineering Conference (ICEC-10), Helsinki, August 1984.