

Curriculum vitae: Hans-Peter Nee



Hans-Peter Nee was born in 1963 in Västerås, Sweden. He received the M.Sc., Licentiate, and Ph.D degrees in electrical engineering from the Royal Institute of Technology, Stockholm, Sweden, in 1987, 1992, and 1996, respectively. In 1999 he was appointed Professor of Power Electronics in the Department of Electrical Engineering. His interests are power electronic converters, semiconductor components, and control aspects of utility applications, like FACTS, HVDC, wind power converter systems, and variable-speed drives. At present, the two main focus areas are multilevel converters for high-power applications and high-efficiency SiC power electronics for various applications. Up to now he has supervised and examined 20 finalized doctor's projects.

Prof. Nee was awarded the Energy Prize by the Swedish State Power Board in 1991, the ICEM'94 (Paris) Verbal Prize in 1994, the Torsten Lindström Electric Power Scholarship in 1996, and the Elforsk Scholarship in 1997. He has served in the board of the IEEE Sweden Section for many years and was the chairman of the board during 2002 and 2003. He is also a member of EPE and serves in the Executive Council and in the International Steering Committee. He is also an associate editor of *IEEE Transactions on Power Electronics*, and was the Guest Editor-in-chief for the special issue on “wide bandgap power devices and their applications” in published in the same journal in May 2014.

Total accumulated citations on March 14th 2017: 6250

Citations during 2016: 1321

h-index: 38

i10-index: 106

Peer-reviewed journal publications:

F. Krismer, S. Schroth, H. Ertl, K. S. Kostov, H.-P. Nee, and J.W. Kolar, "Analysis and Practical Relevance of CM/DM EMI Noise Separator Characteristics," *IEEE Trans. Power Electron.*, vol. 32, no. 4, pp. 3112–3127, Apr. 2017.

M. Nikouie, O. Wallmark, L. Jin, L. Harnefors, and H.-P. Nee, "DC-Link Stability Analysis and Controller Design for the Stacked Polyphase Bridges Converter," *IEEE Trans. Power Electron.*, vol. 32, no. 2, pp. 1666–1674, Feb. 2017.

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