

## CV Fred van Eeuwijk

Fred van Eeuwijk studied Biology and Philosophy at Utrecht University in the Netherlands, where he graduated in 1985. He worked as statistician at Plant Research International (1985-1996), associate professor in Statistics at Wageningen University (1997-2000), associate professor in Plant Breeding at the same university (2001-2006), and is since October 2006 full professor in Applied Statistics, again in Wageningen. He has more than 20 years of experience in the field of plant genetics and applied statistics and is author and co-author of about 60 refereed papers and 20 book chapters and conference papers. His main research topics include the statistical analysis of genotype by environment interaction and the development of QTL mapping methodology. He is president of the Eucarpia Section Biometrics in Plant Breeding, editor of Theoretical and Applied Genetics, and member of the council of the International Biometric Society.

### *Some recent publications*

- Malosetti M, van der Linden CG, Vosman B, van Eeuwijk FA (2007) A mixed model approach to association mapping using pedigree information with an illustration to resistance for *Phytophthora infestans* in potato. *Genetics* 175, 879-889
- Hammer G, Cooper M, Tardieu F, Welch S, Walsh B, van Eeuwijk FA, Chapman S, Podlich D, (2006) Models for navigating biological complexity in breeding improved crop plants. *Trends in Plant Science* 11: 1360-1385.
- Raphaël Kiekens, Annelies Vercauteren, Beatrijs Moerkerke, Els Goetghebeur, Hilde Van Den Daele, Roel Sterken, Martin Kuiper, Fred van Eeuwijk and Marnik Vuylsteke (2006). Genome-wide screening for cis-regulatory variation using a classical diallel crossing scheme. *Nucleic Acids Research*, 2006, Vol. 34: 3677-3686.
- Malosetti M, Visser RGF, Celis-Gamboa C, van Eeuwijk FA (2006) QTL methodology for response curves on the basis of non-linear mixed models, with an illustration to senescence in potato, *Theoretical and Applied Genetics* 113: 288-300.
- van Eeuwijk FA, Malosetti M, Yin X, Struik PC, Stam P. 2005. Statistical models for genotype by environment data; From conventional ANOVA models to eco-physiological QTL models. *Australian Journal of Agricultural Research* 56: 883-894.
- Kraakman ATW, Niks RE, Van den Berg PMMM, Stam P & Van Eeuwijk FA. 2004. Linkage disequilibrium mapping of yield and yield stability in modern spring barley cultivars. *Genetics*: 138: 435-446.