C U R R I C U L U M V I T A E

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Education & other courses

2003 - 2005	MSc in Geo-Information (graduated cum laude), Wageningen University, The Netherlands.
1999 - 2006	MSc and Bc. in Landscape engineering (graduated cum laude), Czech University of Agriculture in Prague, Czech Republic.
June 2007	Course in fundamentals of research work administered by Academy of Sciences of the Czech Republic

Research & professional experience

Feb 2008 – present	Hyper-I-Net early stage researcher
Aug2005 – Jan2008	Research assistant & PhD student. Institute of Systems Biology and Ecology, Academy of Sciences of the Czech Republic, Laboratory of plants ecological physiology, Working group of remote sensing of vegetation processes. Main research focus on physically-based estimation of quantitative parameters of natural vegetation from imaging spectroscopy.
Summer 2004&2005	Trainee. Institute of Systems Biology and Ecology, Academy of Sciences of the Czech Republic, Laboratory of forest ecology. Internship as partial fulfilment of MSc degree. Design of a geo-database of field data monitoring health status and natural regeneration of Norway spruce forest ecosystems in the Krkonoše Mts. national park. (Dr. Pavel Cudlín)

Skills & personal interest

Language skills	English – fluent in speaking and writing German – basic Finnish – basic, currently studying Czech – native language
Computers	MS Windows (Word, Excel, PowerPoint, Access), ArcGIS, IDL/ENVI, Erdas Imagine Basic programming in IDL and Matlab
Personal interest	outdoor activities, swimming, squash, silk painting, beads and wire jewellery
Driving licence	

Selected bibliography

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2. Malenovský, Z. Zurita-Milla, R., Homolová, L., Martin, E., Schaepman, M.E., Gastellu-Etchegorry, J.-P., Clevers, J.G.P.W., Cudlín, P.: Physically-based retrievals of Norway spruce canopy variables from very high spatial resolution hyperspectral data. Sensing and Understanding our Planet, IEEE International Geoscience and Remote Sensing Symposium, Barcelona, Spain, 23-27 July 2007, Proceedings – CD ROM

3. Homolová, L., Malenovský, Z., Hanuš, J., Tomášková, I., Dvořáková, M., Pokorný, R.: Comparison of different ground techniques to map leaf area index of Norway spruce forest canopy. In 10th Intl. Symposium on Physical Measurements and Spectral Signatures in Remote Sensing (eds Schaepman, M.E., Liang, S., Groot, N.E. and Kneubühler, M.), Intl. Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. XXXVI, Part 7/C50, pp. 499-504. ISPRS, Davos (CH). ISSN 1682-1777 (*poster presentation*)

4. Homolová, L., Malenovský, Z., Lhotáková, Z., Kaplan, V., Hanuš, J.: Optical differences between sun exposed and shaded Norway spruce needles. In Reusen, I., Cools, J., (Eds.) "Imaging Spectroscopy: innovation in environmental research" 5th EARSeL SIG IS workshop, Bruges, Belgium, 23-25 April, 2007, Proceedings – CD (*oral presentation*)

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6. Homolová, L. Leaf area index estimation for Norway spruce forest stand by means of radiative transfer modelling and imaging spectroscopy. MSc thesis, Wageningen University, June 2005.

References

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