

Participation in conferences, symposia or workshops

Bloemen J., Šimpraga M, Verbeeck H, Amelynck C and Steppe K (2009) Dynamical interaction between photosynthesis and BVOC emissions in forest ecosystems. Study Day for Starters in Forest Research, Brussels, Belgium, 19 March 2009 (poster presentation)

Bloemen J., Steppe K., Davidson E., Munger J.W., O'Keefe J., Savage K., Verbeeck H., Richardson A.D. (2010) Influence of springtime phenology on the ratio of soil respiration to total ecosystem respiration in a mixed temperate forest. 24th New Phytologist symposium: Plant respiration and climate change: scaling from mitochondria to the globe, Oxford, UK, 11-14 April 2010 (poster presentation)

Bloemen J. (2011) Quantification of Belowground respiration and fate of root-derived CO₂ in trees. Workshop Importance of phenology, carbon partitioning and allocation for tree and forest function, Class of Excellence prof. John S. King, 19 May 2011 (oral presentation)

McGuire M.A., Bloemen J., Aubrey D.P., Steppe K., Teskey R.O. (2011) Fixation of xylem transported CO₂ in branches and leaves of populus trees in the field: a preliminary analysis, 96th ESA annual meeting, Austin, TX, US, 7-12 August 2011 (poster presentation)

Bloemen J., McGuire M.A., Aubrey D.P., Teskey R.O. and Steppe K. (2012) Transport of root-derived CO₂ via the transpiration stream affects aboveground tree physiology. EGU general assembly, Vienna, Austria, 22-27 April 2012 (oral presentation)

McGuire M.A., Bloemen J., Aubrey D.P., Steppe K., Teskey R.O. 2012. Xylem-transported respiratory CO₂ as a substrate for carbon assimilation in trees. 97th ESA annual meeting, Portland, OR, US, 5-10 August 2012 (oral presentation)

Bloemen J., Agneessens L., Aubrey D.P., McGuire M.A., Vanhaecke L., Teskey R.O., Steppe K. (2012) How important is root-derived CO₂ transport via the transpiration stream when assessing belowground carbon allocation? AGU Fall meeting 2012, San Francisco, CA, US, 3-7 December 2012 (oral presentation)

Bloemen J. and Steppe K. (2013) ¹³C as a tracer for respired CO₂ transport in the xylem at leaf, branch and tree level. COST-SIBAE meeting, Wroclaw, Poland, 14-17 May 2013 (oral presentation)

Bloemen J., Overlaet-Michiels L. and Steppe K. (2013) Understanding Plant Responses to Drought: How Important Is Woody Tissue Photosynthesis? 9th International Workshop on Sap Flow, Gent, Belgium, 4-7 June 2013 (poster presentation)

McGuire M.A., Bloemen J., Aubrey D.P., Steppe K., Teskey R.O. (2013) Assimilation of xylem-transported CO₂: Effects of xylem CO₂ concentration and transpiration rate. 98th ESA annual meeting, Minneapolis, MN, US, 4-9 August 2013 (poster presentation)

McGuire M.A., Anné T., Aubrey D.P., Bloemen J., Teskey R.O., Steppe K., (2014) Root uptake and transport of soil dissolved CO₂ in tree seedlings. 99th ESA annual meeting, Sacramento, CA, US, 10-15 August 2014 (poster presentation).

Bloemen J. (2014) Fate and significance of respired CO₂ transport in trees Ökologisches Kolloquium Institute of Ecology, University of Innsbruck, 24 November 2014 (oral presentation).

Bloemen J., Steppe K. (2014) Carbon Isotopes as tracers for respired CO₂ transport in the xylem at leaf, branch and tree level. Sina Meeting Innsbruck, 21-22 November 2014 (oral presentation).

Bloemen J., De Bel B., Wittcockx T., Anné T., McGuire M.A., Teskey R.O., Steppe K. (2015) The importance of internal CO₂ gradients in tree roots for assessing belowground carbon allocation EGU general assembly, Vienna, Austria, 12-17 April 2015 (oral presentation).