

Publications

- in preparation | R. von Busse, F. Muijres, C. Johansson, Y. Winter, A. Hedenström
Linking kinematics and aerodynamics
- in preparation | R. von Busse, C. Johansson, Y. Winter, A. Hedenström
Flight kinematics of the nectar feeding bat Leptonycteris verbabuenae
The Journal of Experimental Biology
- submitted | F. Muijres, C. Johansson, M. S. Bowlin, R. von Busse, Y. Winter, A. Hedenström
Birds outperform bats in aerodynamic flight efficiency due to differences in body lift and wing upstroke function
Nature communications
- 05/2010 | M. Wolf, C. Johansson, R. von Busse, Y. Winter, A. Hedenström
Kinematics of flight and the relationship to the vortex wake of Phallastotis longitarsis (Glossophaga soricina)
The Journal of Experimental Biology 213, 2142-2153
- 02/2009 | A. Hedenström, F. Muijres, R. von Busse, C. Johansson, Y. Winter, G.R. Spedding
High-speed stereo DPIV measurements of bat wakes flying freely in a wind tunnel
Experiments in Fluids 46:923-932
- 07/2008 | C. Johansson, M. Wolf, R. von Busse, Y. Winter, G.R. Spedding, A. Hedenström
The near and far wake of Phallastotis longitarsis (Glossophaga soricina)
The Journal of Experimental Biology 211, 2909-2918
- 05/2007 | A. Hedenström, C. Johansson, M. Wolf, R. von Busse, Y. Winter, G.R. Spedding
Bat flight generates complex aerodynamic tracks
Science, Bd.316, S. 894