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FELLOWSHIP  
DaimlerChrysler-Fellow

SCHWERPUNKT

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### ARBEITSVORHABEN

Segmentale und intersegmentale Mechanismen zur Kontrolle lokomotorischer Programme

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DIENSTAGSKOLLOQUIUM, 18.12.2001

Neural Control of Locomotion: An Interplay between Rhythm Generators, Intrinsic Properties of Neurons, and Sensory Feedback

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ABENDKOLLOQUIUM

10.04.2002

Die Komplexität des Alltäglichen. Neurobiologie der Fortbewegung

Büschges, Ansgar (London,2020)

Studying the neural basis of animal walking in the stick insect

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1800846843>

Büschges, Ansgar (Philadelphia, Pa.,2015)

Insect motor control : methodological advances, descending control and inter-leg coordination on the move

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1764079442>

Büschges, Ansgar (Philadelphia, Pa.,2012)

Lessons for circuit function from large insects: towards understanding the neural basis of motor flexibility

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1726818322>

Büschges, Ansgar (Berlin, Heidelberg,2011)

Deriving neural network controllers from neuro-biological data : implementation of a single-leg stick insect controller

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1726562506>

Büschges, Ansgar (2011)

New moves in motor control

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=776395017>

Büschges, Ansgar (Amsterdam [u.a.],2008)

Organizing network action for locomotion : insights from studying insect walking

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1800863632>

Büschges, Ansgar (New York, NY [u.a.],2007)

Mechanosensory feedback in walking : from joint control to locomotor patterns

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1800850042>

Büschges, Ansgar (Philadelphia, Pa.,2007)

Adaptive motor behavior in insects

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1800848757>

Büschges, Ansgar (Bethesda, Md.,2007)

Intersegmental coordination : influence of a single walking leg on the neighboring segments in the stick insect walking system

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1765624436>

Büschges, Ansgar (2006)

Sensory coupled action switching modules (SCASM) generate robust, adaptive stepping in legged robots

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1011569272>