



2013 – 2014

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Schmidt, R. C., Nie, L., Franco\*, A. & Richardson, M. J.

unintentional visual coordination.

- Schmidt, R. C., Shaw, B. K., & Turvey, M. T. (1993). Coupling dynamics in interlimb coordination. *Journal of Experimental Psychology: Human Perception and Performance*, *19*, 397-415.
- Beek, P. J., Turvey, M. T., & Schmidt, R. C. (1992). Autonomous and nonautonomous dynamics in coordinated rhythmic movements. *Ecological Psychology*, *4*, 65-95.
- Sternad, D., Turvey, M. T., & Schmidt, R. C. (1992). Average phase difference theory and 1:1 phase entrainment in interlimb coordination. *Biological Cybernetics*, *67*, 223-231.
- Schmidt, R. C., & Turvey, M. T. (1992). Long term consistencies in assembling coordinated rhythmic movements. *Human Movement Science*, *11*, 349-376.
- Schmidt, R. C., Treffner, P. J., Shaw, B. K., & Turvey, M. T. (1992). Dynamical aspects of learning an interlimb rhythmic coordination. *Journal of Motor Behavior*, *24*, 67-82.
- Schmidt, R. C., Beek, P. J., Treffner, P. J., & Turvey, M. T. (1991). Dynamical substructure of coordinated rhythmic movements. *Journal of Experimental Psychology: Human Perception and Performance*, *17*, 635-651.
- Bingham, G. P., Schmidt, R. C., Turvey, M. T., & Rosenblum, L. D. (1991). Task dynamics and resource dynamics in the assembly of a coordinated rhythmic activity. *Journal of Experimental Psychology: Human Perception and Performance*, *17*, 359-381.
- Schmidt, R. C., Treffner, P. J., & Turvey, M. T. (1991). Neural networks and the first and second rounds of theorizing on Bernstein's problem. *Human Movement Science*, *10*, 117-131.
- Kugler, P. N., Turvey, M. T., Schmidt, R. C., & Rosenblum, L. D. (1990). Investigating a nonconservative invariant of motion in coordinated rhythmic movements. *Ecological Psychology*, *2*, 151-189.
- Schmidt, R. C., Carello, C., & Turvey, M. T. (1990). Phase transitions and critical fluctuations in the visual coordination of rhythmic movements between people. *Journal of Experimental Psychology: Human Perception and Performance*, *16*, 227-247.
- Turvey, M. T., Schmidt, R. C., & Rosenblum, L. D. (1989). "Clock" and "Motor" components in absolute coordination of rhythmic movements. *Neuroscience*, *33*, 1-10.
- Bingham, G. P., Schmidt, R. C., & Rosenblum, L. D. (1989). Hefting for a maximum distance throw: A smart perceptual mechanism. *Journal of Experimental Psychology: Human Perception and Performance*, *15*, 507-528.
- Turvey, M. T., Schmidt, R. C., Rosenblum, L. D., & Kugler, P. N. (1988). On the time allometry of coordinated rhythmic movements. *Journal of Theoretical Biology*, *130*, 285-325.
- Brady, S., Mann, V., & Schmidt, R. C. (1987). Errors in short-term memory of good and poor readers. *Memory and Cognition*

Schmidt

*Psychology*, 34 (supplement), S20.  
Schmidt, R. C. (2012). Creating a dialog between perspectives on interpersonal motor coordination. *Journal of Sport and Exercise Psychology*, 34 (supplement), S19-20.  
Richardson, M. J., Harrison, S. J., May, R., Kallen, R. W. & Schmidt, R. C. (2011). Self-



haptic perception of orientation. In P. J. Beek, R. J. Bootsma, & P. C. W. van Wieringen (Eds.), *Studies in Perception and Action I: Posters presented at the 6th International Conference on Event Perception and Action*. Amsterdam: Rodopi.

Kadar, E. E., Schmidt, R. C., & Turvey, M. T. (1991). Holonomic constraints on coordinated rhythmic movements. In P. J. Beek, R. J. Bootsma, & P. C. W. van Wieringen (Eds.), *Studies in Perception and Action I: Posters*



- Schmidt, R. C. Dynamics of interpersonal coordination. Paper presented at Coordination Dynamics 2007 Conference, Florida Atlantic University, Boca Raton, FL, February, 2007.
- Schmidt, R. C. Dynamics of interpersonal coordination. Invited colloquium at the Laboratoire de Recherche en Psychologie, University of Montpellier 1, Montpellier, France, November, 2006.
- Schmidt, R. C. Scaffolds for Social Meaning. Paper presented at the 13<sup>th</sup> International Conference on Perception and Action. Monterey, CA, July 2005.
- Schmidt, R. C., Richardson, M. J., & Marsh, K. L. The self-organization of interpersonal perception-action systems. Paper presented at the 1st Joint Action Meeting, Rutgers University, Newark, NJ, April, 2005.
- Schmidt, R. C. The structure of noise. Invited colloquium at the Center for the Ecological Study of Perception and Action, University of Connecticut, Storrs, CT, April, 2002.
- Schmidt, R. C. Fractal structure of variability in behavioral tasks. Invited colloquium at the Center for the Ecological Study of Perception and Action, University of Connecticut, Storrs, CT, March, 2002.
- Schmidt, R. C. Dynamics of synchrony (or how people are like fireflies). Invited colloquium at the Department of Psychology, Arizona State University, Tempe, AZ, November, 2000.
- Schmidt, R. C., Sysko\*, R., Litwin, D., & Gallagher, K. Perceptual-motor coordination and handedness in endoscopic surgery. Invited colloquium at the Department of Exercise Science, Arizona State University, Tempe, AZ, November, 2000.
- Schmidt, R. C. Remote-sensing feedback constraints on aiming movements. Invited paper presented at Biomedical Engineering and Minimally Invasive Surgery Symposium, UMASS Medical School, Worcester, MA, February, 1999.
- Schmidt, R. C. Dynamical models of coordinated rhythmic movements. Invited paper presented at the Conference of the North American Society for the Psychology of Sport and Physical Activity, Chicago, June, 1998.
- Schmidt, R. C. Dynamic modes of coordination. Invited colloquium at the Psychology Department, Miami University, Oxford, OH, February, 1998.
- Schmidt, R. C. The oscillatory basis of Fitts' Law. Invited colloquium at the Center for the Ecological Study of Perception and Action, University of Connecticut, Storrs, CT, October, 1995.
- Schmidt, R. C. Dynamical modes of coordination in intelligent systems. Invited colloquium at the College of the

- Schmidt, R. C. Synchronization dynamics underlie coordination in natural joint actions. Paper presented at the Seventh Joint Action Meeting. London, England, July, 2017.
- Fitzpatrick, P. A., Lampi, A., Campbell, S., Romero, V., Amaral, J., Richardson, M. J. & Schmidt, R. C. The influence of social and motor context on communication and restricted and repetitive behaviors in autism. Paper presented at the Seventh Joint Action Meeting. London, England, July, 2017.
- Schmidt, R. C. Synchronization dynamics underlie coordination in natural joint actions. Paper presented at the 19th International Conference on Perception and Action. Seoul, Korea, July, 2017.
- Fitzpatrick, P., Mitchell, T., Frazier, J. A. & Schmidt, R. C. The neural basis of social synchronization: Implications for understanding social competence. Paper presented at the 14th European Workshop on Ecological Psychology, Groningen, Netherlands, July 2016.
- Schmidt, R. C. Breaking symmetry in conversation. Paper presented at the 14th European Workshop on Ecological Psychology, Groningen, Netherlands, July 2016.



- Lopresti-Goodman, S. M., Silva, P., Richardson, M. J., & Schmidt, R. C. Frequency Basin of entrainment for unintentional visual coordination. Paper presented at the North American Meeting of the International Society for Ecological Psychology, University of Cincinnati, Cincinnati, OH, June, 2006.
- Hajnal, A., Harrison, S. J., Richardson, M. J., & Schmidt, R. C. Visual information and environmental coordination. Paper presented at the North American Meeting of the International Society for Ecological Psychology, University of Cincinnati, Cincinnati, OH, June, 2006.
- Johnston, L., Richardson, M. J., Schmidt, R. C., & Marsh, K. L., & Miles, L. Focusing on the action in social interaction. Paper presented at the 13th International Conference on Perception and Action. Monterey, CA, July 2005.
- Marsh, K. L., Richardson, M. J., Schmidt, R. C., & Baron, R. M. Social synergistic approach to perceiving and acting with others. Paper presented at the 13th International Conference on Perception and Action. Monterey, CA, July 2005.
- Richardson, M. J., Schmidt, R. C., & Kay, B. A. Distinguishing noise and attractor strength in rhythmic limb movements using recurrence analysis. Paper presented at the 13th International Conference on Perception and









*Rhythmic Foundations of Skilled Behavior.* Symposium at the 60th Anniversary Meeting of the Society for