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Russ College of Engineering and Technology
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Professional Preparation

<u>Institution</u>	<u>Major</u>	<u>Degree and Year</u>
University of Wisconsin – La Crosse	Computer Science and Mathematics (double)	B.S. 1988
Iowa State University	Computer Science	M.S. 1990
Iowa State University	Computer Science	Ph.D. 1994

Appointments

Assistant Chair for Computer Science & Associate Professor (with tenure),
School of Electrical Engineering and Computer Science, Ohio University, July 2003 – Present
Administrative, teaching, and research duties in Computer Science.

Visiting Fellow, School of Electrical Engineering and Computer Science, University of
Newcastle, Callaghan, NSW, Australia, August 2002 – December 2002.
Research in parameterized complexity.

Associate Professor (with tenure), School of Electrical Engineering and Computer Science,
Ohio University, Fall 2000 – Present.
Research and teaching in Computer Science.

Assistant Professor of Computer Science, School of Electrical Engineering and Computer
Science, Ohio University Fall '94 – 2000.
Research and teaching in Computer Science.

Selected Publications

1. L.Cai, M. Fellows, D. Juedes, and F. Rosamond, "The Complexity of Polynomial-Time Approximation," *Theory of Computing Systems*, Volume **41** October 2007, pp. 459 - 477.
2. D. Juedes, F. Drews, D. Gu, L. Welch, K. Ecker, and S. Schomann, "Approximation Algorithm for Periodic Real-Time Tasks with Workload-Dependant Running-Time Functions," *Journal of Real-Time Systems*, Volume **34**, Number 3, 2006, pages 173 -194.
3. J. Chen, B. Chor, M. Fellows, X. Huang, D. Juedes, I. Kanj, and G. Xi, "Tight Lower Bounds for Certain Parameterized NP-hard Problems," *Information and Computation*, Volume 201, 2005, pages 216 - 231.
4. J. Breutzmann, D. Juedes, and J. Lutz, "Baire category and nowhere differentiability for feasible real functions," *Mathematical Logic Quarterly*, volume 50 (2004) No. 4/5, pages 460 - 472.
5. L. Cai and D. Juedes, "On the existence of subexponential parameterized algorithms," *Journal of Computer and System Sciences*, (Special Issue on Parameterized Computation and Complexity), volume 67 (2003), number 4, pages 789 - 807.
6. L. Cai, D. Juedes, and I. Kanj, "On the inapproximability of non NP-hard optimization problems," *Theoretical Computer Science*, volume 289 (2002), pp. 553 - 571.
7. D. Juedes and J. Lutz, "Modeling Time-bounded Prefix Kolmogorov Complexity," *Theory of Computing Systems*, volume 33 (2000), pp. 111 - 123.