

STEPHEN KREBSBACH
Computer Science Department
Dakota State University, Madison, SD 57042

PROFESSIONAL PREPARATION:

Moorhead State University	Computer Science	B.S.	1986
Moorhead State University	Computer Science	M.S.	1991
North Dakota State University	Computer Science	Ph.D.	2005

APPOINTMENTS:

2005 -	Associate Professor, Computer Science, Dakota State University
2003 -	Academic Coordinator of Computer Science, Dakota State University
2000 - 2005	Assistant Professor, Computer Science, Dakota State University
1998 - 2000	Assistant Professor, Computer Science, South Dakota State University
1997 - 1998	Teaching Fellow, Computer Science, North Dakota State University
1988 - 1997	Instructor, Computer Science, South Dakota State University

RECENT PUBLICATIONS:

Hamer G., Andrawis D., & **Krebsbach S.** "Application of the RS Method to Detect Steganographic Messages in Database Tables" Proceedings of the ISCA 20th International Conference on Computer Applications in Industry and Engineering (CAINE-2007) November 7-9, 2007, San Francisco, California, USA.

Krebsbach S. & Hamer G. "Achieving Near-Optimal Distortion Reduction with Invisible Watermarking RSSI Algorithms" , Proceedings of the ISCA 19th International Conference on Computer Applications in Industry and Engineering (CAINE-2006) November 13-15, 2006, Las Vegas, Nevada, USA.

Hamer G. & **Krebsbach S.** "Statistical Steganography and Steganalysis of Database Tables" Proceedings of the ISCA 19th International Conference on Computer Applications in Industry and Engineering (CAINE-2006) November 13-15, 2006, Las Vegas, Nevada, USA.

SYNERGISTIC ACTIVITIES:

1. Member of the Sanford Center for Science Education (SCSE) Planning Team; vDUSEL **Team Leader**. Virtual DUSEL (vDUSEL) is an Education and Outreach (E&O) project that is being planned as part of the SCSE and the DUSEL. – Presented vDUSEL as part of the DUSEL NSF S3 E&O Annual Review, Jan 28th-29th, 2009 Berkeley, Ca.
2. Coordinator of the vDUSEL Symposium – This symposium brought together state, regional, and national experts in Serious Gaming and Virtual Environments along with State, Sanford, and DUSEL representatives, Nov 28th 2008.
3. Member and former president of the State of South Dakota's Information Technology Discipline Council – The council provides input on curriculum and related issues to the state and BOR.
4. has served as the AP coordinator for CSC at DSU and has been active in outreach to K-12 technology teachers. As examples, he has hosted a summer AP workshop for high school CSC teachers and was an instructor of Advanced Web Design as part of the state's Advanced TTL program for k-12 teachers.
5. He has developed software for academic and commercial use and has worked with South

Dakota companies as both a paid and unpaid consultant in the areas of Database design, Object Oriented software development, Web development, and Transportation Management and Security.

COLLABORATORS AND CO-EDITORS:

Dr. George Hamer	South Dakota State University	Computer Science
Dr. Stephen Krebsbach	Dakota State University	Computer Science
Dr. Steven Graham	Dakota State University	Computer Science
Ms. Judy Vondruska	South Dakota State University	Physics

GRADUATE AND POSTDOCTORAL ADVISORS:

Dr. William Perrizo	North Dakota State University
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THESIS ADVISOR AND POSTGRADUATE-SCHOLAR SPONSOR:

Arun Nampally	Dakota State University -MSIS
Mark Dykstra	Dakota State University -MSIS
Chris Haufschild	Dakota State University -MSIS
Stephen Hawks	Dakota State University -MSIS
Pamela Roland	Dakota State University -MSIS
Gandra Paven	Dakota State University -MSIS
Eric Urff	Dakota State University -MSIS
Stacie Doman	Dakota State University -MSIS
Steve Kuchta	Dakota State University -MSIS
Lennie Symes	Dakota State University -MSIS
Marianne Gorecki	Dakota State University -MSIS
Jujja Srinivas	Dakota State University -MSIS
Mathew Lehmann	Dakota State University -MSIS
Diana Marrs	Dakota State University -MSIS
David Stendel	Dakota State University -MSIS
Keerisa Yanpirat	Dakota State University -MSIS