

CURRICULUM VITA

Xudong He
School of Computer Science
Florida International University
Miami, FL 33199

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PERSONAL INFORMATION

Born in 1960 Married and having two sons (9 & 13) U.S. Citizen

EDUCATION

Ph.D. Computer Science, Virginia Polytechnic Institute & State University, 1989
M.S. Computer Science, Nanjing University, China, 1984
B.S. Computer Science, Nanjing University, China, 1982

EMPLOYMENT

8/00-date: Director, Center for Advanced Distributed System Engineering, FIU
5/05-date: Professor, School of Computer Science, FIU
5/01-4/05: Associate Professor, School of Computer Science, FIU
1/00-4/01: Assistant Professor, School of Computer Science, FIU
5/97-5/99: Adjunct Research Professor, Dept. of Computer Science, Nanjing Univ., China
9/98-4/99: Visiting Associate Professor, School of Computer Science, FIU
8/95-12/99: Associate Professor, Dept. of Computer Science, North Dakota State Univ.
9/89-7/95: Assistant Professor, Dept. of Computer Science, North Dakota State Univ.

HONORS & AWARDS

- Ranked among the top 15 scholars in Systems and Software Engineering worldwide during 1999 – 2003 by *Journal of Systems and Software*, vol.76, no.1, 2005, 91-97.
- FIU Faculty Award for Excellence in Research, 2005.
- Annual Faculty Teaching Excellence Award, School of Computer Science, FIU, 2003.
- Best Paper Award, The 11th International Conference on Software Engineering & Knowledge Engineering, 1999.
- Who's Who in Information Technology, 1997.
- Who's Who in Science and Engineering, 1995.
- Research Initiation Award, NSF, 1993.
- Who's Who Among Young American Professionals, 1992
- Annual Graduate Student Research Excellence Award, Virginia Tech, 1989
- Epsilon Pi Upsilon, Virginia Tech, 1986.
- European and American Student Association Fellowship, Ministry of Education, China, 1985 – 1986.

RESEARCH

Grants

Research Grants

- (1) X. He (co-PI): "Center of Emerging Technologies for Advanced Information Processing and High-Confidence Systems", *NSF, HRD-0317692*, \$4,500,000, 8/2003 – 7/2008. **Component PI** with budget \$900,000, 8/2003-7/2008.
- (2) X. He (PI): "Specification and Analysis of Software Architectures of High-Assurance Systems", *NASA, NAG2-1440, Faculty Award for Research*, \$287,338, 10/1/2000 – 9/30/2003.
- (3) X. He (co-PI): "CREST: Florida A&M University/Florida International University Center for Distributed Computing: Theory, Development and Application", *NSF, HRD-9707076*, \$5,000,000 (9/1/97 – 8/31/02). **Component PI** with budget \$400,000, 9/1/00 – 8/31/03.
- (4) X. He (PI): "A Theory and Methodology for Testing Concurrent Software Systems", *NSF*, \$29,013, 5/1/98 – 4/31/2001.
- (5) X. He (PI): "Deriving Formal Specifications from Informal Object-Oriented Specifications", *DoD, ONR*, \$323,619, 5/15/98 – 5/15/2001.
- (6) X. He (PI): "Deriving Formal Specifications from Object-Oriented Analysis", *NSF, EPSCoR* (Experimental Programs for Stimulating Competitive Research), \$10,000, 7/1/97 – 6/30/98.
- (7) X. He (PI): "Theory, Analysis and Application of Hierarchical Predicate Transition Nets", *NSF, Research Initiation Award*, \$85,878, 8/15/93 – 7/31/97.
- (8) X. He (PI): "Specifying and Verifying Concurrent and Distributed Systems Using Hierarchical Predicate Transition Nets", *NDSU, Seed Grant*, \$4,000, 5/1/95 – 4/31/96.
- (9) X. He (PI): "Specifying and Verifying Concurrent and Distributed Systems Using Hierarchical Predicate Transition Nets", *NSF, EPSCoR*, \$48,000, 10/15/92 – 6/30/95.
- (10) X. He (PI): "Integrating Predicate Transition Nets with the Algebraic Approach in the Formal Specification of Software Systems", *NSF, EPSCoR*, \$14,000, 10/15/90 – 10/15/91.

Travel Grants

- (11) X. He: IFIP World Computer Congress 2000, Beijing, China, \$1100, NSF, 2000.
- (12) X. He: IFIP World Computer Congress 1992, Madrid, Spain, \$700, NSF, 1992.

Publications

Journals

- (1) Y. Deng, J. Wang, X. He, and J. Tsai: "Constraint Propagation and Progressive Verification for Component-based Process Model", *International Journal of Software Engineering and Knowledge Engineering*, vol.14, no.5, 2004, 471-496.
- (2) X. He, H. Yu, T. Shi, J. Ding, and Y. Deng: "Formally Analyzing Software Architectural Specifications Using SAM", *Journal of Systems and Software*, vol.71, no.1-2, 2004, 11-29.
- (3) X. He, W. Chu, and H. Yang: "A New Approach to Verify Rule-Based Systems using Petri Nets", *Information and Software Technology*, vol.45, no.10, 2003, 663-670.

- (4) H. Zhu and X. He: "A Methodology for Testing High-Level Petri Nets", *Information and Software Technology*, vol.44, 2002, 473-489.
- (5) D. Xu, X. He, and Y. Deng: "Schedulability Analysis of Real-Time Systems Using Time Petri Nets", *IEEE Transaction on Software Engineering*, vol.28, no.10, 2002, 984-996.
- (6) X. He and Y. Deng: "A Framework for Developing and Analyzing Software Architecture Specifications in SAM", *The Computer Journal*, vol.45, no.1, 2002, 111-128.
- (7) X. He: "PZ Nets - A Formal Method Integrating Petri Nets with Z", *Information and Software Technology*, vol.43, no.1, 2001, 1-18.
- (8) W. Chu, C. Lu, H. Yang, and X. He: "A Formal Approach for Component Retrieval and Integration Analysis", *Journal of Software Maintenance*, vol.12, no.6, 2000, 325-342.
- (9) X. He and Y. Deng: "Specifying Software Architectural Connectors in SAM", *International Journal of Software Engineering and Knowledge Engineering*, vol.10, no.4, 2000, 411-431.
- (10) W. Chu, C. Lu, C. Shiu and X. He: "Pattern Based Software Re-engineering: A Case Study", *Journal of Software Maintenance*, vol.12, no.2, 2000, 121-141.
- (11) X. He: "Translating Hierarchical Predicate Transition Nets into CC++ Programs", *Information and Software Technology*, vol.42, no.7, 2000, 475-488.
- (12) J. Wang, X. He, and Y. Deng.: "Introducing Architectural Specification and Analysis in SAM through An Example", *Information and Software Technology*, vol. 41, 1999, 451-467.
- (13) W. Yao, W. Perrizo and X. He: "An Improved Algorithm for Concurrency Control in Distributed Database Systems", *Information Sciences*, vol.103, no.1-4, 1997, 23-36.
- (14) W. Yao and X. He: "Mapping Petri Nets to Concurrent Programs in CC++", *Information and Software Technology*, vol.39, 1997, 485-495.
- (15) C. Kan and X. He: "A Method for Constructing Algebraic Petri Nets", *Journal of Systems and Software*, vol.35, 1996, 12-27.
- (16) C. Kan and X. He: "Deriving Algebraic Petri Nets Specifications from Structured Analysis - A Case Study", *Information and Software Technology*, vol.37, no.8, 1995, 411-434.
- (17) C. Kan and X. He: "High Level Algebraic Petri Nets", *Information and Software Technology*, vol.37, no.1, 1995, 23-30.
- (18) X. He: "Temporal Predicate Transition Nets - A New Formalism for Specifying and Verifying Concurrent Systems", *International Journal of Computer Mathematics*, vol.45, no.1/2, 1992, 171-184.
- (19) X. He and J.A.N. Lee: "A Methodology for Constructing Predicate Transition Net Specifications", *Software - Practice & Experience*, vol. 21, no.8, 1991, 845-875.
- (20) J.A.N. Lee and X. He: "A Methodology for Test Selection", *Journal of Systems and Software*, vol.13, no.3, 1990, 177-185.
- (21) X. He and J.A.N. Lee: "Integrating Predicate Transition Nets with First Order Temporal Logic in the Specification and Verification of Concurrent Systems", *Formal Aspects of Computing*, vol.2, no.3, 1990, 226-246.
- (22) X. He and J.A.N. Lee: "A Comparison of Formal Definitions of Ada Tasking", *ADATECH (French)*, no. 10, November-December, 1989, 34-55.
- (23) X. He and J. Xu: "The Design of the Static Denotational Semantics of XCY", *Journal of Computer Research and Development (Chinese)*, no.7, 1985, 50-55.

Book Chapters

- (24) X. He and J. Tsai: "Distributed Software Testing", *Encyclopedia of Distributed Computing*, Kluwer Publishing, 2005 (in press).
- (25) X. He: "Formalizing and Analyzing UML Use Case Diagrams using Hierarchical Predicate Transition Nets", *Software Evolution with UML and XML* (ed. Hongji Yang), The Idea Group Publishing, 2005, 151-179.
- (26) H. Zhu and X. He: "A Methodology for Component Integration Testing", *Testing Commercial-off-the-Shelf Components and Systems* (eds. Sami Beydeda and Volker Gruhn), Springer, 2005, 239-272.
- (27) X. He and T. Murata: "High-Level Petri Nets – Extensions, Analysis, and Applications", *Electrical Engineering Handbook* (ed. Wai-Kai Chen), Elsevier Academic Press, 2005, 459-476.
- (28) X. He and Y. Ding: "Object Orientation in Hierarchical Predicate Transition Nets", *Lecture Notes in Computer Science*, vol.2001, 2001, 196-215.

Refereed International Conference Proceedings

- (29) H. Yu, D. Liu, L. Yang, X. He : "Formal Aspect-oriented Modeling and Analysis by AspectZ", *Proc. of the International Conference on Software Engineering and Knowledge Engineering*, Taipei, Taiwan, 2005.
- (30) Y. Fu, Z. Dong, and X. He: "A Methodology of Automated Realization of A Software Architecture Design", *Proc. of the International Conference on Software Engineering and Knowledge Engineering*, Taipei, Taiwan, 2005.
- (31) J. Ding, D. Xu, Y. Deng, P. Clarke, X. He: "Design of an Interoperable Mobile Agent System based on predicate Transition Net Model", *Proc. of the International Conference on Software Engineering and Knowledge Engineering*, Taipei, Taiwan, 2005.
- (32) H. Yu, D. Liu, X. He, L. Yang, and S. Gao: "Secure Software Architecture Design by Aspect-Orientation", *Proc. of the 10th IEEE Conference on Engineering Complex Computer Syetms*, Shanghai, China, 2005.
- (33) X. He: "A Framework for Ensuring System Dependability from Design to Implementation", *Proc. of the 3rd International Workshop on Modeling, Simulation, Verification and Validation of Enterprise Information Systems*, Miami, 2005, 3-12.
- (34) Z. Dai, X. He, J. Ding, and S. Gao: "Modeling and Analyzing Security Protocols in SAM: A Case Study", *Proc. of IASTED International Conference on Software Engineering and Applications (SEA 2004)*, Cambridge, MA, 2004.
- (35) S. Gao, Y. Deng, H. Yu, X. He, K. Beznosov, K. Cooper: "Applying Aspect-Orientation in Designing Security Systems - A Case Study", *Proc. of International Conference on Software Engineering and Knowledge Engineering 2004*, Banff, Canada, 2004.
- (36) H. Yu, X. He, Y. Deng, L. Mo: "Integrating Security Administration into Software Architecture Design", *Proc. of International Conference on Software Engineering and Knowledge Engineering 2004*, Banff, Canada, 2004.
- (37) H. Yu, X. He, Y. Deng, L. Mo: "A Formal Approach to Design Secure Software Architectures", *Proc. of IEEE High Assurance Systems Engineering Conference*, Tampa, FL, 2004.
- (38) H. Reza and X. He: "An Integrated Method to Software Architecture", *Proc. of SEKE 2003*, CA, 2003, 398-405.

- (39) Z. Dong, Y. Fu, and X. He: “Deriving Hierarchical Predicate/Transition Nets from Statechart Diagrams – A Case Study”, *Proc. of SEKE 2003*, California, 2003, 150-157.
- (40) H. Yu, X. He, S. Gao, and Y. Deng: “Formal Software Architecture Design of Secure Distributed Systems”, *Proc. of SEKE 2003*, California, 2003, 450-457.
- (41) H. Reza and X. He: “Pattern-Based Software Architecture: A Case Study”, *Proc. of the IEEE International Conference on Information Technology: Coding and Computing*, Las Vegas, 2003, 592-597.
- (42) T. Shi and X. He: “Dependability Analysis using SAM”, *Proc. of the ICSE Workshop on Software Architectures for Dependable Systems*, May 3, Portland, Oregon, USA, 2003, 37-42.
- (43) T. Shi and X. He: “A Methodology for Dependability and Performability Analysis In SAM”, *Proc. of The International Conference on Dependable Systems and Networks*, San Francisco, CA, June 2003, 679-688.
- (44) H. Yu, X. He, , S. Gao and Y. Deng: “Modeling and Analyzing SMIL Documents in SAM”, *Proc. of MSE2002*, Newport Beach, California, Dec. 2002, 132-139.
- (45) H. Yu, X. He, Y. Deng, and L. Mo: “Formal Analysis of Real-Time Systems with SAM”, *Proc. of the 4th International Conference on Formal Engineering Methods, Lecture Notes in Computer Science*, vol.2495, October, Shanghai, China, 2002, 275-286.
- (46) H. Yu, X. He, Y. Deng, and L. Mo: “A Formal Method for Analyzing Software Architecture Models in SAM”, *Proc. of COMPSAC2002*, Oxford, U.K., 2002, 645-652.
- (47) X. He, J. Ding, and Y. Deng: “Analyzing SAM Architectural Specifications Using Model Checking”, *Proc. of SEKE2002*, Italy, 2002, 271-274.
- (48) H. Reza and X. He: “Petri Net Patterns: Elements of Reusable Petri Net Specifications”, *Proc. of the 2002 International Conference on Software Engineering Research and Practice*, Las Vegas, July, 2002, 173-179.
- (49) T. Shi and X. He: “Modeling and Analyzing the Software Architecture of A Communication Protocol Using SAM”, *Software Architecture- System Design, Development and Maintenance* (eds. J. Bosch, M. Gentleman, C. Hofmeister, and J. Kuusela), Kluwer Academic Publishers, 2002, 63-78.
- (50) Z. Dong and X. He: “Integrating UML Statechart and Collaboration Diagrams Using Hierarchical Predicate Transition Nets”, *Lecture Notes in Informatics*, vol. P-7, 2001, 99-112.
- (51) X. Liu, Y. Deng, and X. He: “Development of A Distributed Time Petri Net Simulator in the SAM Framework”, *Proc. of the Symp. On Performance Evaluation of Computer and Telecommunication Systems*, Orlando, 2001, 223-230.
- (52) H. Zhu and X. He: “An Observation Theory of Integration Testing for Component-Based Software Development”, *Proc. of the 25th International Computer Software and Application Conference (COMPSAC'2001)*, Chicago, 2001, 363-370.
- (53) H. Zhu and X. He: “Constructions of Behavior Observation Schemes in Software Testing”, *Proc. Of the 5th High Assurance Computer Systems (HASE2000)*, New Mexico, Nov. 2000, 7-16.
- (54) X. He: “Formalizing Class Diagrams Using Hierarchical Predicate Transition Nets”, *Proc. of the 24th International Computer Software and Application Conference (COMPSAC'2000)*, Taiwan, Oct., 2000, 217-222.
- (55) S. Lewandowski and X. He: “Automating the Generation of Code for A Hierarchical Predicate Transition Net Based Design”, *Proc. of the 12th International Conference on Software Engineering and Knowledge Engineering*, Chicago, July, 2000, 15-22.
- (56) H. Zhu and X. He: “A Theory of Testing High-Level Petri Nets”, *Proc. of the IFIP 16th World Computer Congress*, Beijing, China, August, 2000, 443-450.
- (57) X. He: “Formalizing Use Case Diagrams in Hierarchical Predicate Transition Nets”, *Proc. of the IFIP 16th World Computer Congress*, Beijing, China, August, 2000, 484-491.
- (58) W. Chu, C. Lu, C. Shiu and X. He: “Pattern Based Software Re-engineering: A Case Study”, *Proc. of the Asia Pacific Software Engineering Conference (APSEC'99)*, 1999, 300-308.

- (59) S. Zhou, H. Yang, P. Luker, W. Chu, and X.He: "A Useful Approach to Developing Reverse Engineering Metrics", *Proc. of the 23rd International Computer Software and Application Conference (COMPSAC'99)*, Pheonix, 1999, 320-321.
- (60) W. Chu, J.Shui, C. Lu, and X. He: "A Semi-Formal Approach to Assist Software Design with Reuse", *Proc. of International Conference on Software Maintenance (ICSM'99)*, Oxford, England, 1999, 256-264.
- (61) X. He, F. Zeng, and Y. Deng: "Specifying Software Architectural Connectors in SAM", *Proc. of 11th International Conf. on Software Engineering and Knowledge Engineering (SEKE'99)*, Kaiserslautern, Germany, 1999, 144-151.
- (62) X. He, W. Chu, H. Yang, and S. Yang: "A Reachability Graph Technique for Verifying Rule Based Systems", *Proc. of the 23rd International Computer Software and Application Conference (COMPSAC'99)*, Pheonix, Arizona, 1999.
- (63) J. Wang, Y. Deng, and X. He: "A Formal Architectural Specification Model for Real-Time Systems", *Proc. of the IASTED Conference on Software Engineering*, Las Vegas, 1998, 11-14.
- (64) S. Lewandowski and X. He: "A Java Framework for Implementing Hierarchical Predicate Transition Nets", *Proc. of the 10th International Conference on Software Engineering and Knowledge Engineering (SEKE'98)*, San Francisco, 1998, 261-268.
- (65) X. He: "Transformations on Hierarchical Predicate Transition Nets: Abstractions and Refinements", *Proc. of the 22nd International Computer Software and Application Conference (COMPSAC'98)*, Vienna, Austria, 1998, 164-169.
- (66) X. He and W. Yao: "From Hierarchical Predicate Transition Nets to CC++ Program Skeletons - Translation Architecture and Rules", *Proc. of the 21th Annual International Compouter Software and Applications Conference (COMPSAC'97)*, Washington, D.C., 1997, 64-69.
- (67) X. He and Y. Ding: "Object-Oriented Specification using Hierarchical Predicate Transition Nets", *Proc. of 2nd International Workshop on Object-Oriented Programming and Models of Concurrency (OOMC'96)*, Osaka, Japan, 1996, 72-79.
- (68) W. Yao and X. He: "Mapping Petri Nets to Parallel Programs in CC++", *Proc. of the 20th Annual International Compouter Software and Applications Conference (COMPSAC'96)*, Seoul, Korea, 1996, 70-75.
- (69) X. He: "A Formal Definition of Hierarchical Predicate Transition Nets", *Proc. of the 17th International Conference on Application and Theory of Petri Nets (ICATPN'96)*, *Lecture Notes in Computer Science*, vol. 1091, Osaka, Japan, 1996, 212-229.
- (70) X. He: "A Method for Analyzing Properties of Hierarchical Predicate Transition Nets", *Proc. of the 19th Annual International Computer Software and Applications Conference (COMPSAC'95)*, Dallas, TX, August, 1995, 50-55.
- (71) X. He: "PZ Nets - A Formal Method Integrating Petri Nest with Z", *Proc. of the 7th International Conference on Software Engineering and Knowledge Engineering (SEKE'95)*, Rockvill, MD, June, 1995, 173-180.
- (72) C. Kan and X. He: "Algebraic Petri Nets and Their Applications", *Proc. of the ACM Annual Computing Science Conference (CSC'94)*, Phoenix, Arizona, March, 1994, 396-403.
- (73) X. He and Y. Ding: "A Temporal Logic Approach for Analyzing Safety Properties of Predicate Transition Nets", *Proc. of the 12th IFIP World Computer Congress (Information Processing'92)*, Madrid, Spain, 1992, 127-133.
- (74) X. He and C.H. Yang: "Structured Analysis Using Hierarchical Predicate Transition Nets", *Proc. of the 16th Int'l Computer Software and Applications Conf. (COMPSAC'92)*, Chicago, 1992, 212-217.
- (75) X. He: "Specifying and Verifying Real-Time Systems Using Time Petri Nets and Real-Time Temporal Logic", *Proc. of the 6th Annual Conference on Computer Assurance (COMPASS'91)*, Gaithersburg, MD, June, 1991, 135-140.

- (76) X. He: "Temporal Predicate Transition Nets and Their Applications", *Proc. of the 14th Int'l Computer Software and Applications Conference (COMPSAC'90)*, Chicago, 1990, 261-266.
- (77) X. He and J.A.N. Lee: "A New Methodology for Writing Predicate Transition Petri Nets Specifications", *Proc. of the 1st Annual Symposium on Parallel and Distributed Processing*, Dallas, Texas, May, 1989, 26-27.
- (78) X. He and J.A.N. Lee: "Deriving Temporal Logic Specifications from Predicate Transition Petri Net Specifications", *Proc. of the 1st Int'l Conference on Software Engineering and Knowledge Engineering (SEKE90)*, Chicago, June, 1989, 116-121.
- (79) X. He, R. Iyengar and J. Roach: "A Systematic Study of Unification", *Proc. of the 3rd International Symposium on Knowledge Engineering*, Madrid, Spain, Oct. 1988, 27-36.
- (80) X. He and J.A.N. Lee: "A Strategy for Integrating Formalisms in Software Development", *Proc. of the 6th Annual CIPS Edmonton Computer Conference*, Edmonton, Canada, Nov. 1988, 33-42.
- (81) X. He, R. Russell and J.W. Dickey: "Workload Analysis Expert System and Optimizer", *Proc. of the 7th International Conference on Cybernetics and Systems*, London, Sept. 1987, 68-73.

TEACHING

Courses Taught at FIU

- (1) COT6405 Analysis of Algorithms (spring 2000 & 2001, fall 2002 & 2003)
- (2) COP6556 Semantics of Programming Languages (spring 2000, 2002, 2004)
- (3) CEN5011 Software Engineering (fall 2000 & 2001, summer 2004)
- (4) CEN6612 Advanced Topics in Software Engineering (spring 2001 & 2003)
- (5) COT6421 Theory of Computation II (spring 2002 & 2003)
- (6) CEN4010 Software Engineering I (spring 2004)
- (7) CIS5900 Independent Studies (taught over 15 independent studies since 2000).

Courses Taught at North Dakota State Univ.

- (1) CS783 Software Design Patterns & Architectures (spring, 1996)
- (2) CS789 Automated Theorem Proving (spring, 1994)
- (3) CS714 Software Engineering II (spring, 1993 & 95 & 97-98)
- (4) CS713 Software Engineering I (fall, 1992-97, 99)
- (5) CS583 Formal Methods in Software Eng. (winter, 1991)
- (6) CS526 Automated Theorem Proving (spring, 1990)
- (7) CS508 Math. Foundations of Prog. Methodology (fall, 1990)
- (8) CS316 System Testing and Maintenance (spring, 1993-98)
- (9) CS413 Information Systems Design (spring, 1990 - 92)
- (10) CS313 System Testing and Maintenance (winter, 1990 - 92)
- (11) CS213 System Analysis and Design (fall, 1989 - 91)
- (12) CS222 Discrete Mathematics (fall, 1995)

Student Supervision

I am the sole major advisor or co-advisor identified by *, of the following students. I have also served on more than 50 theses committees.

Graduates at FIU

L. Mo (Ph.D.), 11/04	J. Ding (Ph.D.), 4/04	
S. Miner (M.S.), 9/04	A. Awadallah (M.S.), 4/04	S. Gururaj (M.S.), 11/03
V. Masuram (M.S.), 6/03	X. Li (M.S.), 11/02	N. Gupta (M.S.), 11/01

R. Fernandez (M.S.), 11/01
*J. Ding (M.S.), 7/00

T. Millege (M.S.), 11/01
* Y. Zhu (M.S.), 7/00

W. Caldwell (M.S.), 11/01

Graduates at NDSU

H. Reza (Ph.D.), 4/02
S. Ahmed (M.S.), 7/00
U. Kelda (M.S.), 12/99
Y. He (M.S.), 7/98
S. Cong (M.S.), 3/98
X. Zhou (M.S.), 4/97
H. Winands (M.S.), 5/96
T.B. Mohan (M.S.), 11/95
S. Rizwan (M.S.), 12/94

W. Yao (Ph.D.), 4/96
B. Marthi (M.S.), 12/99
Y. Hou (M.S.), 12/99
T. Al-Rushaid (M.S.), 4/98
M. Chowdhury (M.S.), 8/97
D. Ingala (M.S.), 4/97
S. Bhaskara (M.S.), 12/95
S. Jayaraman (M.S.), 4/95
S. Shie (M.S.), 6/94

C.Y. Kan (Ph.D.), 4/94
W. Wang (M.S.), 12/99
M. Qin (M.S.), 11/99
S. Zhou (M.S.), 4/98
Q. Chen (M.S.), 5/97
X. Ma (M.S.), 8/96
Q. Wang (M.S.), 12/95
S. Barua (M.S.), 12/94
V. Krishnan (M.S.), 12/93

Current Graduate Students at FIU: 8 Ph.D. (2 passed Ph.D. proposals & 5 passed Candidacy exam)

PROFESSIONAL ACTIVITIES

Program Committees

- Organizing Chair, 26th International Conference of Applications and Theory of Petri Nets (ICATPN), Miami, June, 2005,
- 16th International Conference on Software Engineering and Knowledge Engineering (SEKE), Taiwan, July, 2005,
- ACM / IEEE 8th International Conference on Model Driven Engineering Languages and Systems – Symposium on Education, Jamaica, Oct. 2005,
- International Workshop on Agent-Oriented Software Development Methodologies (AOSDM), Taiwan, July, 2005,
- The 2005 International Conference on Software Engineering Research and Practice (SERP), Las Vegas, June 2005.
- 5th International Conference on Quality Software (QSIC), Melbourne, Australia, Sept. 2005,
- 3rd Workshop on Verification and Validation of Enterprise Information Systems, Miami, 2005,
- 1st International Workshop on Quality Assurance and Testing of Web-based Applications, 2004
- 25th International Conference of Applications and Theory of Petri Nets (ICATPN), 2004
- 15th IEEE International Conferences on Tools with Artificial Intelligence, 2003.
- IEEE International Conference on Information Reuse and Integration (IRI), 2003 – 2005
- 1st IEEE Multimedia Software Engineering Conference (MSE), 2002
- 16th IFIP World Computer Congress (WCC), 2000
- 20th, 21st, 22nd, 23rd, 24th, 25th Int'l Computer Software and Applications Conf. (COMPSAC), 1996 – 2001.
- 3rd, 5th IEEE High-Assurance Systems Eng. Symp. (HASE), 1998 & 2000.
- Vice Program Chair, 21st Int'l Computer Software and Applications Conf. (COMPSAC'97), 1997.

Curricula Committee

- Member of the Discrete Structure Group of the Joint IEEE Computer Society/ACM Task Force on the "Year 2001 Model Curricula for Computing" (CC-2001), 1998 – 2001.

Reviewer

- National Science Foundation - Software Engineering Division Research Proposals
- ACM Transactions on Software Engineering and Methodology

- Formal Aspects of Computing
- IEEE Transactions on Software Engineering
- IEEE Transactions on Data and Knowledge Engineering
- IEEE Transactions on Parallel and Distributed Systems
- IEEE Transactions on Systems, Man, and Cybernetics
- IEEE Transactions on Robotics and Automation
- International Journal of Foundations of Computer Science
- Information and Software Technology
- Journal of Systems & Software
- Annals of Software Engineering
- The Computer Journal
- International Journal of Software Engineering and Knowledge Engineering
- IEEE Computer
- IEEE Software
- Many international conferences

Membership

- ACM
- IEEE Computer Society – Senior member

UNIVERSITY SERVICE

FIU

- Director, The Center for Advanced Distributed System Engineering, School of Computer Science, 8/00 – date.
- Panel reviewer, 2003 FIU Research Foundation Provost’s Summer Research Proposal Competition, 2003.
- School of Computer Science Library Committee Representative, College of Arts and Science, 1/00 – 1/02.
- Graduate Committee Chair, School of Computer Science, 8/00 – date.
- Faculty Recruitment Committee Member, School of Computer Science, 2002 & 2003.
- Software Engineering Area Coordinator, New Graduate Course Development, School of Computer Science, 2003 – date.
- Coordinator, Undergraduate Software Engineering Area Accreditation, School of Computer Science, 2003.
- Member, Human Resource Committee, School of Computer Science, 2001 – 2002.
- College Library Representative, School of Computer Science, 2000 – 2002.
- Graduate Thesis Committee Member of 20+ Students, School of Computer Science, 2000 – date.
- Ph.D. Qualifying Exam Member of 30+ Students, School of Computer Science, 2000 – date.

NDSU

- Steering Committee Member, NDSU Cultural Diversity Committee, 1996 – 1999.
- Tenure & Promotion Committee Member, College of Arts & Science, 1997 – 1999.
- Graduate Committee Member, Department of Computer Science, 1990 – 1999.

- Faculty Recruitment Committee Member, Department of Computer Science, 1990 – 1992 & 1995 – 1997.
- Graduate Thesis Committee Member of 50+ Students, Department of Computer Science, 1989 – 1999.