

# CURRICULUM VITAE



**Wenwu YU (虞文武)**

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## Education Background

01/2008—09/2010: PhD Degree, Department of Electronic Engineering, City University of Hong Kong, Hong Kong

Supervisor: Professor Guanrong Chen (IEEE Fellow)

09/2004—06/2007: Master Degree, Department of Mathematics, Southeast University, Nanjing, China

Supervisor: Professor Jinde Cao

09/2000—07/2004: Bachelor Degree, Department of Mathematics, Southeast University, Nanjing, China

## Professional Experience

09/2010-present: Associate Professor, Department of Mathematics, Southeast University, Nanjing 210096, China

02/2012-present: Postdoctoral Fellow, School of Electrical and Computer Engineering, RMIT University, Australia

01/2012—02/2012: Postdoctoral Fellow, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, China

06/2011—07/2011: Research Fellow, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, China

07/2010: Visiting Scholar, School of Electrical and Computer Engineering, RMIT University, Australia

05/2010—07/2010: Visiting Fellow, School of Computing & Mathematics, University of Western Sydney, Australia

05/2009: Visiting Scholar, Faculty of Mathematics and Natural Sciences, University of Groningen, the Netherlands

04/2009—05/2009: Visiting Scholar, Department of Systems and Computer Science, University of Naples Federico II, Naples 80125, Italy

12/2008—06/2009: DAAD Visiting Scholar, Institute for Climate Impact Research, Potsdam, Germany

10/2007—01/2008: Visiting Scholar, Institute of System Science, Academy of Mathematics and System Science, Chinese Academy of Sciences, Beijing, China

07/2007—10/2007: Research Assistant and PhD Candidate, Department of Electrical

Engineering, Columbia University, New York City, USA  
11/2006—01/2007: Research Assistant, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, China

### **Academic Editorships and Memberships**

Associate Editor for ISRN Mathematical Analysis, IEEE Student Member, SIAM Student Member.

### **Research Interests**

Stability analysis; Bifurcation theory; Chaos synchronization  
Feedback and Adaptive control; Stochastic systems; Hybrid systems  
System identification; Cryptography; Communications  
Neural networks; Complex networks; Genetic regulatory networks  
Collective behaviors in multi-agent systems

### **Funding Projects (Principle Investigator)**

- 2012.01–2014.12 复杂网络系统的群体行为分析与控制 (61104145), 国家自然科学基金青年基金 (National Natural Science Foundation of China)
- 2012.01–2014.12 多个体复杂网络系统群集行为的牵制控制 (20110092120024), 高等学校博士学科点专项科研基金新教师类 (Research Fund for the Doctoral Program of Higher Education of China)
- 2012.01–2014.12 网络系统的群体动力学分析与协同控制, 东南大学基本科研业务费优秀教师教学科研资助计划 (Fundamental Research Funds for the Central Universities of China)
- 2011.10–2013.12 二阶复杂网络系统群体行为的若干关键基础问题的研究 (BK2011581), 江苏省自然科学基金面上项目 (Natural Science Foundation of Jiangsu Province of China)
- 2011.06–2012.12 多智能体系统的一致性分析 (3207011503), 东南大学基本科研业务费创新基金 (Fundamental Research Funds for the Central Universities of China)
- 2011.06–2011.12 复杂网络与系统中多智能体的集群行为分析与应用 (3207011206), 东南大学新进教师科研启动经费
- 2010.05–2010.07 Collective behaviors in multi-agent systems, Research Activities Fund of City University of Hong Kong
- 2009.01–2009.06 Dynamics, control, and applications in complex networks and systems, 德国 DAAD 基金 (DAAD Scholarship)

### **Academic and Research Achievements (Publications)**

#### **2012**

- [46] Q. Song, F. Liu, J. Cao, **W. Yu**, Pinning-controllability analysis of complex networks: an m-matrix approach, IEEE Trans. Circuits and Systems I, in press.
- [45] G. Wen, Z. Duan, H. Su, G. Chen, **W. Yu**, A connectivity-preserving flocking algorithm for multi-agent dynamical systems with bounded potential function, IET

Control Theory & Applications, in press.

- [44] **W. Yu**, P. De Lellis, G. Chen, M. di Bernardo, J. Kurths, Distributed adaptive control of synchronization in complex networks, *IEEE Trans. Automatic Control*, in press.
- [43] G. Wen, Z. Duan, **W. Yu**, G. Chen, Consensus of multi-agent systems with nonlinear dynamics and sampled-data information: a delayed-input approach, *International Journal of Robust and Nonlinear Control*, in press.
- [42] J. Zhou, **W. Yu**, X. Wu, M. Small, J. Lu, Flocking of multi-agent dynamical systems on pseudo-leader mechanism, *Systems & Control Letters*, vol. 61, no. 1, pp. 195-202, 2012.
- [41] G. Wen, Z. Duan, **W. Yu**, G. Chen, Consensus in multi-agent systems with communication constraints, *International Journal of Robust and Nonlinear Control*, vol. 22, no. 2, pp. 170-182, 2012.

#### **2011**

- [40] **W. Yu**, G. Chen, W. Ren, J. Kurths, W. Zheng, Distributed higher order consensus protocols in multiagent dynamical systems, *IEEE Trans. Circuits and Systems I*, vol. 58, no. 8, pp. 1924-1932, 2011.
- [39] **W. Yu**, G. Chen, M. Cao, Consensus in directed networks of agents with nonlinear dynamics, *IEEE Trans. Automatic Control*, vol. 56, no. 6, pp. 1436-1441, 2011.
- [38] W. Xiong, **W. Yu**, Synchronization of continuous complex networks based on asynchronously discontinuous controllers, *Chaos*, vol. 21, no. 2, 023120, 2011.
- [37] **W. Yu**, W. Zheng, G. Chen, W. Ren, J. Cao, Second-order consensus in multi-agent dynamical systems with sampled position data, *Automatica*, vol. 47, no. 7, pp. 1496-1503, 2011.
- [36] **W. Yu**, G. Chen, J. Cao, Adaptive synchronization of uncertain coupled stochastic coupled complex networks, *Asian Journal of Control*, vol. 13, no. 3, pp. 418-429, 2011.

#### **2010**

- [35] Q. Song, J. Cao, **W. Yu**, Second-order leader-following consensus of nonlinear multi-agent systems via pinning control, *Systems & Control Letters*, vol. 59, no. 9, pp. 553-562, 2010.
- [34] **W. Yu**, G. Chen, M. Cao, Distributed leader-follower flocking control for multi-agent dynamical systems with time-varying velocities, *Systems & Control Letters*, vol. 59, no. 9, pp. 543-552, 2010.
- [33] **W. Yu**, J. Lü, Z. Wang, J. Cao, Q. Zhou, Robust H infinite control and uniformly bounded control for genetic regulatory network with stochastic disturbance, *IET Control Theory & Applications*, vol. 4, no. 9, pp. 1687-1706, 2010.
- [32] Z. Meng, **W. Yu**, W. Ren, Discussion on: "consensus of second-order delayed multi-agent systems with leader-following", *European Journal of Control*, vol. 16, no. 2, pp. 200-205, 2010.
- [31] **W. Yu**, G. Chen, M. Cao, Some necessary and sufficient conditions for second-order consensus in multi-agent dynamical systems, *Automatica*, vol. 46, no. 6, pp. 1089-1095, 2010.
- [30] **W. Yu**, G. Chen, M. Cao, J. Kurths, Second-order consensus for multiagent systems with directed topologies and nonlinear dynamics, *IEEE Trans. Systems, Man, and Cybernetics-Part B*, vol. 40, no. 3, pp. 881-891, 2010.
- [29] J. Zhu, M. Zhao, **W. Yu**, C. Zhou, B. Wang, Better synchronizability in generalized

adaptive networks, *Physical Review E*, vol. 81, 026201, 2010.

- [28] **W. Yu**, J. Cao, W. Lu, Synchronization control of switched linearly coupled neural networks with delay, *Neurocomputing*, vol. 73, no. 4-6, pp. 858-866, 2010.

#### 2009

- [27] J. Zhou, **W. Yu**, X. Li, M. Small, J. Lu, Identifying the topology of a coupled FitzHugh-Nagumo neurobiological network via a pinning mechanism, *IEEE Trans. Neural Networks*, vol. 20, no. 10, pp. 1679-1684, 2009.
- [26] **W. Yu**, G. Chen, Z. Wang, W. Yang, Distributed consensus filtering in sensor networks, *IEEE Trans. Systems, Man, and Cybernetics-Part B*, vol. 39, no. 6, pp. 1568-1577, 2009.
- [25] **W. Yu**, J. Lü, G. Chen, Z. Duan, Q. Zhou, Estimating uncertain delayed genetic regulatory networks: an adaptive filtering approach, *IEEE Trans. Automatic Control*, vol. 54, no. 4, pp. 892-897, 2009.
- [24] **W. Yu**, G. Chen, J. Lü, On pinning synchronization of complex dynamical networks, *Automatica*, vol. 45, no. 2, pp. 429-435, 2009.
- [23] **W. Yu**, J. Cao, G. Chen, J. Lü, J. Han, W. Wei, Local synchronization of a complex network model, *IEEE Trans. Systems, Man, and Cybernetics-Part B*, vol. 39, no. 1, pp. 230-241, 2009.
- [22] T. Huang, C. Li, **W. Yu**, G. Chen, Synchronization of delayed chaotic systems with parameter mismatches by using intermittent linear state feedback, *Nonlinearity*, vol. 22, pp. 569-584, 2009.
- [21] J. Yang, X. Liao, **W. Yu**, K.W. Wong, J. Wei, Cryptanalysis of a cryptographic scheme based on delayed neural networks, *Chaos Solitons & Fractals*, vol. 40, no. 2, pp. 821-825, 2009.

#### 2008

- [20] J. Zhou, X. Wu, **W. Yu**, M. Small, J. Lu, Synchronizing delayed neural networks by pinning control, *Chaos*, vol. 18, 043111, 2008.
- [19] **W. Yu**, J. Cao, G. Chen, Stability and Hopf bifurcation of a general delayed recurrent neural network, *IEEE Trans. Neural Networks*, vol. 19, no. 5, pp. 845-854, 2008.
- [18] **W. Yu**, J. Cao, J. Lü, Global synchronization of linearly hybrid coupled networks with time-varying delay, *SIAM Journal on Applied Dynamical Systems*, vol. 7, no. 1, pp. 108-133, 2008.
- [17] **W. Yu**, J. Cao, K. Yuan, Synchronization of switched system and application in communication, *Physics Letters A*, vol. 372, pp. 4438-4445, 2008.
- [16] **W. Yu**, Robust control of delayed Cohen-Grossberg neural networks with time delays, *International Journal of Adaptive Control and Signal Processing*, vol. 22, no. 3, pp. 221-242, 2008.

#### 2007

- [15] **W. Yu**, G. Chen, J. Cao, J. Lü, U. Parlitz, Parameter identification of dynamical systems from time series, *Physical Review E*, vol. 75, no. 6, 067201, 2007.
- [14] **W. Yu**, J. Cao, G. Chen, Robust adaptive control of unknown modified Cohen-Grossberg neural networks with delay, *IEEE Trans. Circuits and Systems II*, vol. 54, no. 6, pp. 502-506, 2007.
- [13] **W. Yu**, J. Cao, K.W. Wong, J. Lü, New communication schemes based on adaptive synchronization, *Chaos*, vol. 17, 033114, 2007.
- [12] **W. Yu**, J. Cao, J. Wang, An LMI approach to global asymptotic stability of the

delayed Cohen-Grossberg neural network via nonsmooth analysis, *Neural Networks*, vol. 20, no. 7, pp. 810-818, 2007.

- [11] **W. Yu**, J. Cao, Robust control of uncertain stochastic recurrent neural networks with time-varying delay, *Neural Processing Letters*, vol. 26, no. 2, pp. 101-119, 2007.
- [10] **W. Yu**, J. Cao, Stability and Hopf Bifurcation on a two-neuron system with time delay in the frequency domain, *International Journal of Bifurcation and Chaos*, vol. 17, no. 4, pp. 1355-1366, 2007.
- [9] **W. Yu**, L. Yao, Global robust stability of neural networks with time varying delays, *Journal of Computational and Applied Mathematics*, vol. 206, no. 2, pp. 679-687, 2007.
- [8] **W. Yu**, J. Cao, Adaptive synchronization and lag synchronization of uncertain dynamical system with time delay based on parameter identification, *Physica A*, vol. 375, no. 2, pp. 467-482, 2007.
- [7] **W. Yu**, J. Cao, Synchronization control of stochastic delayed neural networks, *Physica A*, vol. 373, pp. 252-260, 2007.
- [6] **W. Yu**, A LMI-based approach to global asymptotic stability of neural networks with time varying delays, *Nonlinear Dynamics*, vol. 48, no. 1-2, pp. 165-174, 2007.

#### **2006**

- [5] **W. Yu**, J. Cao, Adaptive Q-S (lag, anticipated, and complete) time-varying synchronization and parameters identification of uncertain delayed neural networks, *Chaos*, vol. 16, 023119, 2006.
- [4] J. Cao, **W. Yu**, Y. Qu, A new complex network model and convergence dynamics for reputation computation in virtual organizations, *Physics Letters A*, vol. 356, no. 6, pp. 414-425, 2006.
- [3] **W. Yu**, J. Cao, Cryptography based on delayed chaotic neural networks, *Physics Letters A*, vol. 356, no. 4-5, pp. 333-338, 2006.
- [2] **W. Yu**, J. Cao, Stability and Hopf bifurcation analysis on a four-neuron BAM neural network with time delays, *Physics Letters A*, vol. 351, no. 1-2, pp. 64-78, 2006.

#### **2005**

- [1] **W. Yu**, J. Cao, Hopf bifurcation and stability of periodic solutions for van der Pol equation with time delay, *Nonlinear Analysis*, vol. 62, no. 1, pp. 141-165, 2005.

#### **Submitted or in Preparation**

- [47] **W. Yu**, G. Chen, J. Lü, J. Kurths, On pinning synchronization of general complex dynamical networks, Submitted.
- [48] **W. Yu**, G. Chen, M. Cao, J. Lü, Stability analysis of swarming behaviors, Submitted.
- [49] **W. Yu**, G. Chen, M. Cao, W. Ren, Delay-induced consensus in multi-agent dynamical systems, Submitted.
- [50] G. Wen, Z. Duan, **W. Yu**, G. Chen, Second-order consensus of multi-agent systems with delayed nonlinear dynamics and intermittent measurements, Submitted.
- [51] Z. Wang, **W. Yu**, G. Chen, S. Zhang, An filtering approach to estimating uncertain delayed stochastic genetic regulatory networks based on adaptive synchronization with partial information, Submitted.
- [52] **W. Yu**, W. Ren, W. Zheng, G. Chen, J. Lü, Distributed control gains design for consensus in multi-agent systems with second-order dynamics, Submitted.
- [53] X. Liu, J. Cao, **W. Yu**, Synchronization of continuous complex networks based on

asynchronously discontinuous controllers, Submitted.

- [54] M. Yan, **W. Yu**, J. Cao, Second-order leader-following consensus of multi-agent systems with general dynamics, Submitted.
- [55] Y. Cao, **W. Yu**, W. Ren, G. Chen, An overview of recent results in distributed multi-vehicle coordination, Submitted.
- [56] K. Li, J. Zhou, **W. Yu**, M. Small, X. Fu, Adaptive cluster synchronization in networks with time-varying and distributed delay couplings, Submitted.
- [57] H. Zhang, Z. Chen, L. Yan, **W. Yu**, Applications of collective circular motion control to multi-robot systems, Submitted.

### **Conference Presentations**

- [22] **W. Yu**, L. Zhou, Second-order consensus in multi-agent dynamical systems with sampled data, The 31st Chinese Control Conference, Hefei China, Jul. 2012.
- [21] **W. Yu**, Z. Zhang, Pinning synchronization criterion for impulsive dynamical networks, The 9th World Congress on Intelligent Control and Automation, Beijing China, Jul. 2012.
- [20] **W. Yu**, G. Chen, J. Lü, J. Kurths, Pinning control of general multi-agent systems, The 9th World Congress on Intelligent Control and Automation, Beijing China, Jul. 2012.
- [19] **W. Yu**, Some New Protocols for Second-order Consensus in Multi-agent Systems, Workshop on Network Synchronization and Control, Shenzhen China, Jan. 2012.
- [18] **W. Yu**, Synchronization via pinning control on general complex networks, 2011 The 7th Chinese Conference on Complex Networks, Chengdu China, Oct. 2011. (**Chair**)
- [17] **W. Yu**, W. X. Zheng, J. Lü, G. Chen, Designing distributed control gains for consensus in multi-agent systems with second-order nonlinear dynamics, The 18th IFAC World Congress, Milano Italy, Aug. 2011.
- [16] G. Wen, Z. Duan, H. Su, G. Chen, **W. Yu**, A connectivity-preserving flocking algorithm for nonlinear multi-agent systems with bounded potential function, The 30th Chinese Control Conference, Yantai China, Jul. 2011.
- [15] G. Wen, Z. Duan, **W. Yu**, G. Chen, Second-order consensus for nonlinear multi-agent systems with intermittent measurements, The 23rd Chinese Control and Decision Conference, Mianyang China, May 2011.
- [14] **W. Yu**, Adaptive synchronization on edges of complex networks, 2011 International Symposium on Neural Networks, Guilin China, May 2011.
- [13] G. Wen, Z. Duan, **W. Yu**, G. Chen, Consensus of multi-agent systems with intrinsic nonlinear dynamics and sampled-data information, The 8th Asian Control Conference, Taiwan, May 2011.
- [12] **W. Yu**, W. X. Zheng, G. Chen, J. Cao, Consensus in multi-agent systems with second-order dynamics and sampled position data, The 8th Asian Control Conference, Taiwan, May 2011.
- [11] **W. Yu**, G. Chen, Consensus in multi-agent systems with second-order dynamics, The 6th Chinese Conference on Complex Networks, Suzhou China, Oct. 2010. (**Chair**)
- [10] **W. Yu**, G. Chen, Robust adaptive flocking control of nonlinear multi-agent systems, 2010 IEEE Multi-Conference on Systems and Control, Yokohama Japan, Sep. 2010.

- [9] **W. Yu**, G. Chen, Consensus in multi-agent systems with second-order dynamics: delay-induced quasi-consensus, The 4th China-Europe Summer School on Complexity Science, Shanghai China, Aug. 2010.
- [8] **W. Yu**, G. Chen, W. Ren, Delay-induced quasi-consensus in multi-agent dynamical systems, The 29th Chinese Control Conference, Beijing China, Jul. 2010. (**Chair**)
- [7] **W. Yu**, G. Chen, M. Cao, On second-order consensus in multi-agent dynamical systems with directed topologies and time delays, The 49th IEEE Conference on Decision and Control, Shanghai China, Dec. 2009. (**Co-Chair**)
- [6] **W. Yu**, A General Form of Distributed Consensus Protocols in Multi-agent Dynamical Systems, The 5th Chinese Conference on Complex Networks, Qingdao China, Oct. 2009 **Best Student Paper Award**.
- [5] **W. Yu**, G. Chen, M. Cao, Some necessary and sufficient conditions for second-order consensus in multi-agent dynamical systems, The International Conference on Complexity and Interdisciplinary Science, Chengdu China, July, 2009.
- [4] **W. Yu**, G. Chen, M. Cao, Flocking for multi-agent dynamical systems, The 4th Chinese Conference on Complex Networks, Beijing China, Oct. 2008.
- [3] **W. Yu**, J. Lü, G. Chen, Adaptive filter for unknown genetic regulatory network with disturbance attenuation, The 27th Chinese Control Conference, Kunming China, Jul. 2008.
- [2] **W. Yu**, Communication based on chaos synchronization, The Second PhD Student Workshop, Suzhou China, Mar. 2008.
- [1] **W. Yu**, J. Cao, Adaptive synchronization of complex networks, The fourth Regional Inter-University Postgraduate Electrical and Electronics Engineering Conference, Macau China, 2006.

### **Invited Talks**

- [14] General Protocols for Cooperative Control in Multi-agent Systems, Donghua University, China, Dec. 2011.
- [13] Some New Protocols for Networked Multi-agent Systems with Second-order Dynamics, The University of Hong Kong, Hong Kong, Jul. 2011.
- [12] Multi-agent Collective Behaviors in Complex Networks and Systems, Huazhong University of Science and Technology, China, Jan. 2011.
- [11] Multi-agent Collective Behaviors in Complex Networks and Systems, Wuhan University, China, Jan. 2011.
- [10] Multi-agent Collective Behaviors Analysis and Applications in Complex Networks and Systems, The University of Hong Kong, Hong Kong, Sep. 2010.
- [9] Consensus in Multi-agent Systems with Second-order Dynamics, School of Electrical and Computer Engineering, RMIT University, Australia, Jul. 2010.
- [8] Consensus in Networked Multi-agent Systems, Department of Electronic Engineering, City University of Hong Kong, Hong Kong, Jan. 2010.
- [7] Synchronization and Consensus in Multi-agent Systems, Department of Mathematics, Shanghai University, China, Sep. 2009.
- [6] Synchronization and Consensus in Complex Networks and Systems, Department of Mathematics, Southeast University, China, Sep. 2009.
- [5] Pinning Synchronization of Complex Networks and Its Application in Distributed Filtering, Faculty of Mathematics and Natural Sciences, University of Groningen, the

Netherlands, May 2009.

- [4] Synchronization and Consensus in Complex Networks and Systems, Department of Systems and Computer Science, University of Naples Federico II, Naples 80125, Italy, Apr. 2009.
- [3] Collective Behaviors in Complex Networks and Systems, Institute for Climate Impact Research, Potsdam, Germany, Feb. 2009.
- [2] Cooperative Control on Complex Dynamical Networks, State Key Lab for Turbulence and Complex Systems, Department of Mechanics and Aerospace Engineering, College of Engineering, Peking University, China, Oct. 2008.
- [1] Synchronization of Coupled Complex Networks, Department of Electronic Engineering, City University of Hong Kong, China, Oct. 2006.

### **Graduate Thesis**

**Master Degree:** Dynamics in Complex Networks and their Applications, 24<sup>th</sup> December 2006.

**PhD Degree:** Multi-agent Collective Behaviors Analysis and Applications in Complex Networks and Systems, 14<sup>th</sup> September 2010.

### **Teaching Experience**

09/2004-01/2005 Ordinary Differential Equations (Teaching Assistant)

02/2005-07/2005 Stability Theory、Method & Its Application

10/2010-01/2011 Calculus

### **Professional Activities**

#### **Referee for Journals**

IEEE Transactions on Automatic Control (Editors: Maria Prandini, Jifeng Zhang)

IEEE Transactions on Circuits and Systems I (Editors: Guanrong Chen, Jose Pineda de Gyvez, Chai Wah Wu)

IEEE Transactions on Circuits and Systems II (Editor: Jinhu Lü)

IEEE Transactions on Neural Networks (Editors: Jinde Cao, Jun Wang, Zidong Wang, Hujun Yin)

IEEE Transactions on Systems, Man, and Cybernetics, Part B (Editors: Sanqing Hu, Chih-Min Lin, Marcio S de Queiroz, Jun Wang, Xizhao Wang, Xiaoqin Zeng, Qiangfu Zhao)

Advances in Difference Equations (Editor: Roderick V. Nicholas Melnik)

Applied Mathematics and Computation (Editor: Melvin Scott)

Asian Journal of Control (Editor: Daniel W.C. Ho)

Automatica (Editors: Derong Liu, Andrey V. Savkin)

Chaos (Editor: Janis Bennett)

International Journal of Adaptive Control and Signal Processing (Editor: Alessandro Casavola)

International Journal of Bifurcation and Chaos (Editor: Guanrong Chen)

International Journal of Computer Mathematics (Editor: Zidong Wang)

International Journal of Nonlinear Science (Editor: Lixin Tian)

Journal of the Franklin Institute (Editors: Jinde Cao, Jason S.H. Tsai)

Journal of Systems Science and Complexity (Editor: Jinhu Lü)  
Mathematical Problems in Engineering (Editor: Tamas Kalmar-Nagy)  
Mathematics and Computers in Simulation (Editors: Jinde Cao, João Miguel de Costa Sousa)  
Neural Networks (Editor: Zidong Wang)  
Neural Processing Letters (Editor: Barbara Hammer)  
Neurocomputing (Editors: Jinde Cao, Haijun Jiang, Jinling Liang, Wenlian Lu, Dipti Srinivasan, Zidong Wang, Huaguang Zhang)  
Physica A (Editor: H. Eugene Stanley)  
Physica D (Editor: Stephen Coombes)  
Physics Letters A (Editor: A. R. Bishop)  
Systems & Control Letters (Editor: Wei Ren)  
Circuits, System, and Signal Processing  
Nonlinear Analysis: Modelling and Control

### **Referee for Conferences**

2011 American Control Conference (ACC2011)  
2010 American Control Conference (ACC2010)  
The 29th Chinese Control Conference (CCC2010): **Chair**  
1st IFAC Workshop on Estimation and Control of Networked Systems (NecSys2009)  
The 49th IEEE Conference on Decision and Control (CDC2009): **Co-chair**  
IEEE Multi-conference on Systems and Control (MSC2009)  
The 6th International Symposium on Neural Networks (ISNN2009)  
American Control Conference (ACC2009)  
IEEE International Symposium on Circuits and Systems (ISCAS 2008)  
IEEE World Congress on Computational Intelligence (WCCI2008)  
International Joint Conference on Neural Networks (IJCNN2008)  
The 5th International Symposium on Neural Networks (ISNN2008): Program Committee Member  
The 27th Chinese Control Conference (CCC2008)  
The 48th IEEE Conference on Decision and Control (CDC2008)  
International Conference on Communications, Circuits and Systems (ICCCAS2007)  
International Conference on Intelligent Computing (ICIC2007)  
The 4th International Symposium on Neural Networks (ISNN2007)  
International Conference on Communications, Circuits and Systems (ICCCAS2006)  
International Conference on Intelligent Computing (ICIC2006)  
The 13th International Conference on Neural Information Processing (ICONIP2006)

### **Collaborators**

Jinde Cao, Department of Mathematics, Southeast University, Nanjing 210096, China  
Ming Cao, Faculty of Mathematics and Natural Sciences, ITM, University of Groningen, The Netherlands  
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Ziyang Meng, Department of Precision, Instruments and Mechanology, Tsinghua University, Beijing, 100084, China

Ulrich Parlitz, Drittes Physikalisches Institut, Universität Göttingen, Friedrich-Hund-Platz 1, D-37077 Göttingen, Germany

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Wei Ren, Department of Electrical and Computer Engineering, Utah State University, USA

Michael Small, Department of Electronic Information Engineering, Hong Kong Polytechnic University, Hong Kong

Housheng Su, Department of Control Science and Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

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Jun Wang, Department of Mechanical and Automation Engineering, The Chinese University of Hong Kong, Shatin, New Territories, Hong Kong

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Qianhe Zhou, Department of Biological Sciences, Columbia University, New York, NY 10027, USA

### **Honors and Award**

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| 2009—2010 | The First Prize of Scientific and Technological Progress Award of Jiangsu Province in 2010<br>The 3rd TOP 100 Most Cited Chinese Papers Published in International Journals<br>Best Student Paper Award in The 5 <sup>th</sup> Chinese Conference on Complex Networks<br>Research Tuition Scholarship<br>Postgraduate Studentship |
| 2008—2009 | German Academic Exchange Scholarship (DAAD)<br>Outstanding Academic Performance Award<br>Research Tuition Scholarship<br>Postgraduate Studentship<br>Best Master Degree Thesis in Jiangsu Province  |
| 2007—2008 | Excellent graduate Thesis.  |
| 2006—2007 | University Innovation Award.<br>First Prize of Excellency Scholarship for Graduates.  |
| 2004—2005 | First Prize in National Postgraduates Mathematical Contest in Modeling.<br>First Prize of Excellency Scholarship for Graduates.   |
| 2003—2004 | Excellent Undergraduate Thesis.<br>Excellent Undergraduate Student.<br>Eligible for the Graduate Program in Southeast University, free of admission test.   |
| 2002—2003 | “Ni-Li” Scholarship.  |

2001—2002 Commercial Bank Scholarship.  
2000—2004 More than 10 Curriculum Scholarships.