Conferences or workshops where the NSA TC or members of the TC were actively involved in 2010-2011 include the following:

- Jinhu Lu
  Co-Chairs: Jinhu Lu, Guanrong Chen, Xiaofan Wang, The 2010 International Workshop on Complex Systems and Networks (IWCSN 2010), Beijing, China, September 25–27, 2010
  Chair: Jinhu Lu, Tutorial Workshop “Complex Networks and Multi-Agent Systems” in the 8th World Congress on Intelligent Control and Automation, Jinan, China, July 6-9, 2010
  Co-Chairs: Jinhu Lu, Xiang Li, Program Committee of the 6th Chinese Conference on Complex Networks (CCCN'10), October 15-18, 2010, Suzhou, P. R. China
  Co-Chair: Jinqing Fang, Jinhu Lu, The 6th Chinese Forum on Network Sciences (CFNC’10) and the 2nd Chinese Chaos Application Workshop, July 26 - August 1, 2010, Beijing, P. R. China

- Shih-Chii Liu:
  IEEE International Circuits and Systems Conference
  NSF Telluride Neuromorphic Engineering Cognition Workshop

- Bin-Da Liu
  Co-Chair of Technical Program Committee, International Conference on Computer, Communications, Circuits and Systems (ICCCAS 2010). (July 28-30, 2010, Chengdu, China)
  International Advisor, the Second Asia Pacific Conference on Postgraduate Research in Microelectronics & Electronics (PrimeAsia 2010). (Sept. 22-24, 2010, Shanghai, China)
  Member of International Program Committee, the 2010 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2010).( October 10-13, 2010, Istanbul, Turkey)
  Review Committee Member for Multimedia Systems and Applications Track and Biomedical Circuits and Systems Track, the 2011 IEEE International Symposium on Circuits and Systems (ISCAS 2011). (May 15-18, 2011, Rio de Janeiro, Brazil)

- Mona Zaghloul

- Alejandro Linares Barranco
  Program co-chair of the International Conference on Signal Processing and Multimedia Applications (ICETE-SIGMAP 2011), Seville, SPAIN http://www.sigmapi.cete.org/
  Program vice-chair of the 2010 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS 2010), Ottawa, CANADA

- Christoph POSCH
  Review Committee (RC) Member - IEEE International Symposium on Circuits and Systems (ISCAS 2011)
  Technical Program Committee (TPC) Member - Asia Pacific Conference on Circuits and Systems (APCCAS 2010)

- Philipp Häfliger
  BioCAS conference 2010 (TPC member)
  ISCAS 2010 (Track Chair for Live Demonstrations of Circuits and Systems track)
  ISCAS 2011 (Track Chair for Biomedical Circuits and Systems track)

- Fangyue Chen
IEEE International Workshop on Chaos-Fractals Theories and Applications (IWCFTA, 2010), October 29-31, 2010, Kunming, China

Maysam Ghovanloo

H. K. Kwan,
Technical Program Committee Member, Fuzzy image processing Track, CI in bioinformatics Track, Multiobjective optimization Track, Fourth International Workshop on Advanced Computational Intelligence (IWACI 2011), Wuhan, China, October 19-21, 2011.
Review Committee Member, DSP TC, ISCAS 2011, Rio de Janeiro, Brazil, May 15-18, 2011.
International Liaison Co-Chair, IEEE International Conference on Green Circuits and Systems (ICGCS), Shanghai, China, June 21-23, 2010.
Program Committee Member, Fuzzy Neural Networks Track & Bioinformatics Track, Seventh International Symposium on Neural Networks (ISNN), Shanghai, China, June 6-9, 2010.

Giacomo Indiveri
International Conference on Sensing Technology (ICST), European Conference on Circuit Theory and Design (ECCTD), Telluride Neuromorphic Engineering Workshop, ISCAS

(2) Short Courses, Plenary Sessions, Keynote Speakers, Invited Lectures:

Jinhu Lu
Recent advances in consensus of multi-agent systems, the 8th World Congress on Intelligent Control and Automation (WCICA 2010), Jinan, China, July 6-9, 2010.
Consensus of complex multi-agent systems, the 6th Chinese Forum on Network Sciences (CFNC’10) and the 2nd Chinese Chaos Application Workshop, July 26 - August 1, 2010, Beijing, China
Recent advances in consensus of multi-agent systems, The 4th National Workshop on Dynamics and Control for Young Scholars, July 26-29, 2010, Dalian, China.
Structure and function of complex networks, The Workshop on Systems Science and Complex Networks, August 9-10, 2010, Shanghai, China

Shih-Chii Liu:

Alejandro Linares Barranco
Invited Lecturer to the 2010 PhD courses of the Technical University of Cartagena, SPAIN: Program of Industrial Technologies, subprogram of Neurotechnology, Control, Robotic and Energy Management. May-2010
Invited Lecturer to the 2010 PhD courses of the University of Cadiz, SPAIN: Program of Modeling, Simulating and Testing of Signal and Data Processing. Subject: Advances in Bioinspired and Robotic Systems. April-2010
Invited Lecturer to the 2010 PhD courses of the University of Cadiz, SPAIN: Program of Modeling, Simulating and Testing of Signal and Data Processing. Subject: Advances in Bioinspired and Robotic Systems. April-2011

Elisabetta Chicca
10 hours course for PhD students in Turin (Italy), Politecnico di Torino, Title: Biologically inspired hybrid analog/digital VLSI Microsystems, Dates: 29/11/2010-2/12/2010

Fangyue Chen
Invited Lecture: For cellular automata, transitivity implies chaos and glider implies chaos, IWCFTA, 2010,
Lecture: Temporal complexity of totalistic cellular automaton rule 52, The 2010 International Conference on Scientific Computing (CSC’10) in WORLDCOMP’10

Giacomo Indiveri
Invited talk/Tutorial on Vision Sensors with Cellular Processor Arrays at the “Telluride Neuromorphic Engineering Workshop”, Telluride, July 2010

(3) Distinguished Lecturer in 2010-2011:

(4) Editorial Service:

Jinhu Lu
Associate Editor, IEEE Transactions on Neural Networks
Associate Editor, IEEE Transactions on Circuits and Systems I: Regular Papers
Associate Editor, Kybernetika
Associate Editor, Acta Automatica Sinica
Associate Editor, Journal of Systems Science and Complexity
Associate Editor, Journal of Software Engineering and Applications
Guest Editor, Neural Computation and Applications
Member of the Editorial Board, Abstract and Applied Analysis
Guest Associate Editor, International Journal of Bifurcation and Chaos
Member of the Editorial Board, Journal of Nonlinear Systems and Applications
Member of the Editorial Board, ARI - The Bulletin of the Istanbul Technical University
Guest Co-Editor, Journal of Systems Engineering
Associate Editor, Dynamics of Continuous, Discrete and Impulsive Systems Series A

Shih-Chii Liu:
IEEE Trans. on Biomedical Circuits and Systems Associate Editor
Frontiers in Neuromorphic Engineering Associate Editor

Bin-Da Liu
Associate Editor, IEEE Transactions on Circuits and Systems-II
Associate Editor, IEEE Transactions on Fuzzy Systems
Associate Editor, IEEE Transactions on Biomedical Circuits and Systems
Associate Editor, Journal of Electrical and Computer Engineering

Elisabetta Chicca
Associate editor for Frontiers in Neuromorphic Engineering

Christoph POSCH
Review Editor "Frontiers in Neuromorphic Engineering" Journal
Fangyue Chen  
Guest Associate Editor of International Journal of Bifurcation and Chaos

Maysam Ghovanloo  
Associate Editor, IEEE Transactions on Biomedical Circuits and Systems, (Dec 2010 – Present)  
Associate Editor, IEEE Transactions on Circuits and Systems II, (Dec 2007 – Present)  
Guest Editor, IEEE Journal of Solid-State Circuits, Special Issue on ISSCC 2011 (Jan. 2012)  
Member of Subcommittee on Imagers, MEMS, Medical and Displays (IMMD), International Solid States Circuits Conference (ISSCC) (Feb. 2009 - Present).

Giacomo Indiveri  
Review Editor, Frontiers in Neuromorphic Engineering

(5) Publications (Journal Articles, Conference Papers, Books, Book Chapters):  
(a) Journal Articles


X. Huo and M. Ghovanloo, “Evaluation of a wireless wearable tongue computer interface by individuals with high 1


(b) Conference Papers


Live demonstration: inductive power and telemetry for micro-implant P. Häfliger, Proceedings of the IEEE ISCAS 2010 , P 2775


J. Kwan, B. Kwan, and H. K. Kwan, "Spectral analysis of numerical exon and intron sequences," in Proceedings of IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2010), Hong Kong, 18-21 December 2010, pages 876-877. (Best Poster Award)


(c) Books and Book Chapters


(6) Awards, Honors, and Patents:

Jinhu Lu
The 2010 National Science Fund for Distinguished Young Scholars
The 2010 Hundred Talents Program of Chinese Academy of Sciences

Shih-Chii Liu:

Mona Zaghloul
Distinguished Research Award 2010, School of Engineering and Applied Science, the George Washington University, Washington DC, AY 2010-2011.

Christoph POSCH

AT 502.551 (A1) VERFAHREN UND BILDAUSWERTUNGSEINHEIT ZUR SZENENANALYSE (METHOD AND IMAGE EVALUATION UNIT FOR SCENE ANALYSIS), granted, November 15, 2010. (Patent)

- Maysam Ghovanloo
  “Leo” People’s Choice Award, da Vinci Awards, National Multiple Sclerosis Society, Sep. 2010
  Galaxy of Stars, Barrier Breaker Award for Innovation, Tommy Nobis Center, May 2010.
  IEEE Senior member since April 2010
  CAREER Award, National Science Foundation (NSF), March 2010.

(7) Other IEEE Service:

- Shih-Chii Liu
  Track Co-Chair of the 2011 ISCAS Neural Systems and Networks Track
  Member of the IEEE CAS Sensory Systems; and Neural Systems and Applications Technical Committees
  Chair of IEEE CAS/ED Swiss Chapter
  Reviewer for IEEE ISCAS Conference, and IEEE TCAS, IEEE TNN, IEEE TBCAS journals

- Mona Zaghloul
  Member of the IEEE Fellow Committee for the IEEE Sensors Council
  Past President for IEEE Sensors Council 2010-2011
  Chair of the nomination Committee for IEEE Sensors Council 2010-2011

- Christoph POSCH
  Member IEEE CAS Sensory Systems Technical Committee (SSTC)

- Philipp Häfliger
  Chair of the Biomedical Circuits and Systems technical committee of the IEEE CAS society

- Maysam Ghovanloo

- Giacomo Indiveri
  Secretary Elect of the IEEE CAS Sensory Systems Technical Committee
  Member of the IEEE CAS Cellular Neural Networks and Array Processing Technical Committee

(8) Other Professional Service:

- Giacomo Indiveri, Chair of Special Interest Group on ‘Neurally Inspired Engineering”, UK Neuroinformatics
  Node of the International Neuroinformatics Coordinating Facility (INCF)

(9) Media and Popular Press:

- Tekno, Schrödingers Katt, NRK (Norwegian national TV), 17-May-2011, - Sensorer varsler sykdom og fare, Aftenposten (Norwegian National/Regional Newspaper), 18-Jan-2011. (Philipp Häfliger)
  http://www.aftenposten.no/fakta/innsikt/article3992743.ece

- LA Times (1/10/2011): Pills with a mind of their own. (Maysam Ghovanloo)
  http://www.latimes.com/health/la-he-future-pills-20110110.0,6413192.story