

Vitae

September 9, 2015

Paul I-Hai Lin, P.E. (State of Indiana and California)
Professor of Electrical and Computer Engineering Technology
Dept. of Computer, Electrical, and Information Technology (CEIT)
Purdue University Fort Wayne Campus

Email: pilin@purdue.edu,
<http://www.etcs.ipfw.edu/~lin/>

Academic Leadership

- Honorary International Professor, Department of Electronics Engineering, National Taipei University of Technology, Aug. 2012 – present.
Program Director, BS Computer Engineering Technology, August 17, 2015 - Present
- Interim Chair, Dept. of Manufacturing & Construction Engineering Technology and Interior Design (A.S. Architectural Engineering Technology, A.S. Civil Engineering Technology, B.S. Construction Engineering Technology, A.S. & B.S. Interior Design, A.S. & B.S. Industrial Engineering Technology, A.S. & B.S. Mechanical Engineering Technology) , Indiana University-Purdue University Fort Wayne, August 2009 – June 2010
- Director, Master of Science in Technology, Purdue University Fort Wayne Campus, Jan. 1 – June 30, 2010.
- Program Coordinator, Master of Science in Technology, IT/Advanced Computer Applications, Fall 2006 – Present.
- Chair, Dept. of Electrical and Computer Engineering Technology, Indiana University-Purdue University Fort Wayne, September 2003 – June 2006.
- Chair, Dept. of Electrical and Computer Engineering Technology, Indiana University-Purdue University Fort Wayne, July 1999- June 2002.

Academic Professional Experience

- Professor, Dept. of Computer, Electrical, and Information Technology, Indiana University-Purdue University Fort Wayne, July 2008 – Present.
- Professor, Dept. of Electrical and Computer Engineering Technology, Indiana University-Purdue University Fort Wayne, August 2003 – June 2008.
- Professor, Graduate program, Master of Science in Technology, 2006 - present
- Associate Professor, Electrical and Computer Engineering Technology, Indiana University-Purdue University Fort Wayne, August 1991- July 2003.
- Visiting Associate Professor, Electrical Engineering Department, National Taipei Institute of Technology, Taipei, Taiwan, Feb-July 1995.
- Assistant Professor, Electrical Engineering Technology, Indiana University-Purdue University Fort Wayne, August 1988-1991.
- Visiting Assistant Professor, Electrical Engineering Technology, Indiana University-Purdue University Fort Wayne, August, 1985-1988.
- Instructor, Engineering Science and Technology Department, Dutchess Community College, State University of New York, Poughkeepsie, New York, Sept. 1982- May 1985.
- Instructor, Electrical Engineering Department, National Taipei Institute of Technology, Taipei, Taiwan, 1981-1982.

Academic Credentials

- M.S. Computer Science, 1985, Marist College, N.Y.
- M.S.E.E., Electrical Engineering (analog and digital systems concentration), 1984, Syracuse University, N.Y.
- Power Electronics Certificate (10 credits), 1981-1982, Electrical Engineering Department, National Taiwan Institute of Technology, Taipei, Taiwan.

- Microprocessors Certificate (4 credits), 1981, Electronics Engineering Department, National Taipei Institute of Technology, Taipei, Taiwan.
- Programming Languages (19 credits), Fall 1980, Computer Science Department, Bergen Community College, N.J.
- Diploma Electrical Engineering, 1971, National Taipei Institute of Technology, Taipei, Taiwan.

Awards and Honors

- Nominated and listed in the Who's Who Among America's Teachers, 2003-2004, Sixth Edition.
- Nominated and listed in the Who's Who Among America's Teachers, 1997-1998, Fifth Edition.
- Excellence in Service Award, School of Engineering Technology and Computer Science, Indiana University-Purdue University Fort Wayne, April 1998.
- Outstanding Alumni Award for Distinguished Achievement and Enthusiastic Contribution, National Taipei Institute of Technology, Nov. 1995.
- Third Prize Paper Award, IEEE-IAS Industrial Automation and Control Committee (1994)
- IEEE Exemplary Award Fort Wayne section, Jan. 1992.
- Excellence in Teaching Award, School of Engineering and Technology, Indiana University-Purdue University Fort Wayne, 1990.
- President's award for Distinguished Service and Outstanding Achievement in contributing the development of Dutchess Community College, State University of New York, 1985.
- Fellowship, IBM, Taiwan, an award for an exchange scholar to teach at Dutchess Community College, State University of New York, 1982.

Professional Registration

- Registered Professional Engineer, License No. 19800356, State of Indiana, 1998- present.
- Registered Professional Engineer (Electrical Engineering), License No: E 014843, State of California, 1994 – present.

Leadership in Professional Organizations

- Chair, IEEE Fort Wayne Section, Jan. to Dec. 2014.
- Max Yen, **Paul I. Lin**, Sean Ryan. (2011). Co-Chairs/Editors of 1st Indiana-Taiwan Technology Transfer and Entrepreneurship Summit (ITTTE), Sept. 27-30, 2011 at IPFW; Reviewed and organized four tracks of technology presentations, four presentations in each track: Track 1: Nano Scale, Electronic and Thermoelectric Material Technologies, Track 2: Renewable Energy, Environmental and Water Management Technology, Track 3: Wireless Sensors, Data Acquisition and Monitoring Technology, Track 4: Novel Instrumentation and Detection; plus 17 poster presentations from NSWC Crane, 6 from Purdue Research Foundations, 4 from Taiwan Research partners
- Chair, Information System Division of American Society Engineering Education (ASEE), 2004 – 2006
- Program Chair of Information System Division of ASEE, 2002 – 2004
- Board member of National ECET department Chair's Committee of ASEE, June 2000 – June 2002.
- Board Member of Administration Committee of the IEEE Sensors Council, Dec. 1999 – Dec. 2001.
- Education Director of the Indiana Electronics Manufacturers Association (IEMA) Board of Directors, 1999-2000.
- Associate Editor, IEEE Transactions on Industry Applications, Jan. 1998 – Jan. 2000.
- Chairman, Manufacturing Systems Development and Application Department (MSDAD) of the Industry Application Society (IAS) of IEEE, Jan. 1998 – Jan. 2000.
- Vice-Chairman, Manufacturing Systems Development and Application Department (MSDAD) of the Industry Application Society (IAS) of IEEE, Jan. 1996 – Jan. 1997.

- President, Anthony Wayne Chapter of Indiana Society of Professional Engineers, Aug. 1996 – June 1997.
- Vice-Chairman, International IEEE/IAS Conference on Industrial Automation and Control: Emerging Technologies, Taipei, May 22-27, 1995.
- Chair, Industrial Automation and Control Committee of IEEE Industry Applications Society, Jan. 1994 – Jan. 1995.
- Vice-Chair, Paper Review, Industrial Automation and Control Committee of IEEE Industry Applications Society, Jan. 1993 – Jan. 1994.
- East Area Chairman of Region 4 of the IEEE, responsible for coordinating and supervising three sections in Indiana, three sections in Michigan and Canada (Windsor), and the Toledo Section in Ohio, Oct. 1992 – Dec. 1994.
- Chairman, Standard Revision Committee, Industrial Automation and Control Committee of IEEE Industry Applications Society, 1992 – 1994.
- Vice-Chair, Paper Review, Industrial Control Committee of IEEE Industry Applications Society, Jan. 1992 – Jan. 1993.
- Chairman, IEEE Fort Wayne Section, Aug. 1991 – June 1992.

Professional Society Memberships

- American Computing Machinery (ACM), 2006 - present
- American Society for Engineering Education (ASEE), 1986 - present

Institute of Electrical and Electronic Engineers (IEEE) - Senior member

- IEEE Education Society, 1987 - present
- IEEE Computer Society, 1987 - present
- IEEE Industry Applications Society, 1987 - present
- IEEE Instrumentation Society, 1987 – present
- IEEE Power Electronic Society, 1987 - present
- IEEE Industrial Electronics Society, 1987 - present
- IEEE Power Engineering Society, 1988 - present
- IEEE Consumer Electronics Society, 1998 – present
- IEEE Communications, 2000 - present
- IEEE Engineering in Medicine and Biology Society, 2006 - present
- IEEE Intelligent Transportation System Society, 2006 – present
- IEEE Vehicular Technology Society, 2006 - present
- IEEE Information Theory Society, 2006 - present
- IEEE Technology Management, 2006 - present

New Program Development, Program Assessment, and Program Review Experience, Indiana University-Purdue University, Fort Wayne

- Developed a B.S. in Information Technology, Indiana University-Purdue University Fort Wayne, approved by the Purdue Board of Trustee, Aug. 2008-Sept. 29, 2011
- Program Director, successfully prepared the A.S. and B.S. Electrical Engineering Technology, Indiana University-Purdue University Fort Wayne, for the TAC-ABET accreditation visit, dated Oct. 2010, and received the maximum length of accreditation.
- Interim Department Chair, Aug. 2009-June 2010, successfully prepared the A.S. Architectural Engineering Technology and B.S. Construction Engineering Technology, Indiana University-Purdue University Fort Wayne, for the TAC-ABET accreditation visit, dated Oct. 2010, and received the maximum length of accreditation.
- Interim Department Chair, Aug. 2009-June 2010, successfully prepared A.S. and B.S. Manufacturing Industrial Engineering Technology, A.S. and B.S. Industrial Engineering Technology, and A.S. Civil Engineering Technology, Indiana University-Purdue University Fort Wayne

- B.S. Computer Engineering Technology and B.S. Electrical Engineering Technology, Indiana University-Purdue University Fort Wayne, (program assessment committee member, 8/2007 – present.
- B.S. in Mechatronics, Indiana University-Purdue University Fort Wayne, (program development committee member, 8/2007 – 5/2010.
- Program review consultant, B.S. Vehicle Engineering, Minchi University of Science and Technology, Taipei, Taiwan, March 2007 – July 2007.
- M.S. in Technology, approved by Indiana Commission for Higher Education, 2006 (program development committee member, 2004-2006.
- B.S. Computer Engineering Technology, approved by Indiana Commission for Higher Education, 2001- 2003.
- B.S. EET, A.S, EET Certificate Programs review, Indiana University-Purdue University Fort Wayne, completed a review report, 2001
- B.S. EET, A.S, EET Certificate Programs annual assessment reports, Indiana University-Purdue University Fort Wayne, 1999, 2000, 2001, 2003, 2004, 2005, and 2006.

Program Evaluator for ABET/TAC (Accreditation Board for Engineering and Technology/Technology Accreditation Commission)

- B.S. Computer Engineering Technology program evaluator, NY, 10/10-10/12, 2010.
- B.S. Electronics Engineering Technology program evaluator, NY, 10/4/2009-10/7/2009.
- B.S. Electrical Engineering Technology (Electrical Systems Concentration, Computer Systems Concentration, and Photonics Concentration) program evaluator, Central Florida, 10/4/2008 – 10/7/2008.
- B.S. Electrical and Computer Engineering Technology program evaluator, West Carolina, 9/24/2006 – 9/26/2006.
- B.S. Computer Engineering Technology program evaluator, Westminster, Colorado, 9/25/2005 – 9/27/2005.
- A.S. Electrical and Computer Engineering Technology program evaluator, Ohio, 10/17/2004 – 10/19/2004.

Certified Project Lead the Way (PLTW) Program Evaluator and PLTW Leader for the following Schools, State of Indiana

- Serving as Northeastern Indiana region coordinator/representative, from 2002-present, of a national pre-engineering and engineering technology program called Project Lead The Way (www.pltw.purdue.edu). Professor Lin's main responsibility is working with PLTW middle schools and high school members, and students as listed in www.pltw.purdue.edu/regional_representatives.htm on the curriculum related issues
- Team leader of PLTW certification visit, Norwell High School, Ossian, Indiana, May 4, 2009
- Team leader of PLTW certification visit, Central Adams Community Schools, Monroe, Indiana, Dec. 1, 2009.
- Team leader of PLTW certification visit, Northrop High School, Fort Wayne, Indiana, March 29, 2010.
- Team leader of PLTW certification visit, Garrett High School, Indiana, April 16, 2010.
- Team leader of PLTW certification visit, Huntington North High School, Indiana, May 7, 2010.

Program Evaluation Consultant for the Ohio Board of Regents

- A.A.S. in Electronics Engineering Technology, Program review team leader, 5/19/2008 – 6/6/2008.
- A.A.S in Electronics and Computer Technology, Program review team member, 5/20/2008 – 6/16/2008.
- A.A.B. in Computer Applications Technology, Program review team leader, 7/2/2008 – 7/16/2008.
- A.A.S in Information Systems Engineering, Program review team leader, 7/2/2008 – 7/16/2008, Program review team leader.

- A.A.B in Computer Applications, Program review team leader, 7/15/2008 – 8/11/2008.
- A.A.B in Tech Support Specialist, Program review team leader, 7/15/2008 – 8/11/2008.
- A.A.S in Information Systems Specialist, Program review team member, 7/8/2008 – 7/31/2008.
- A.A.B. in Computer Technology, Program review team member, 7/15/2008 – 7/31/2008.

Industry Consultants Experience

- 1977-1981: Electrical Engineer, Century Automation Co., Taiwan.
- Control and Testing Equipment Design: Control circuit of plastic injection machine, and motor testing equipment.
- 1974-1977: Engineer, Tai-Chin Electric & Control Co., Taiwan.
- Single phase induction motor manufacturing, quality control and testing.
- 1973-1974: Field Engineer, NCR Taiwan Co., maintenance of accounting machines, cash registers, copy machines, and mainframe computers.
- 1968-1969: Electrical technician of Power Generation department of Taiwan Sugar Co., Taiwan.
- Maintenance of motors, generators, and equipment of central control room.

Part-time industrial experience

ITT Aerospace and Communications, 1994-1997

Consulting Work

- Michelson Interferometer Modeling and Simulation, ITT Aerospace Div., Fort Wayne, Indiana, September 1996 through 1998.
- ITT Aerospace/Communications Division, Fort Wayne, R&D research on Interferometer Optics and Electronics Signal Processing, September 1996 - present.
- Indiana Microelectronics Center, Fort Wayne, worked on two R&D proposals, from April 1997 to May 1997
- Windows applications and Imaging Processing, NBS Personalization System Inc., Fort Wayne, Summer 96.
- Satellite Scanner Motor Modeling, ITT Aerospace Div., Fort Wayne, Indiana, Summer 1994.
- C++ Programming with emphasis on Client/Server System Application , Software Engineering Dept., ITT Aerospace/Communications Div., Fort Wayne, Indiana, Summer 1994.