

PROFESSIONAL ACTIVITIES

I. Organized Conferences

- (1) International Workshop on Differential Equations and Scientific Computations, National Taiwan Normal University, Taipei, Taiwan, January 15-18, 1998. (organized with S.-B. Hsu and K.-M. Hui)
- (2) 1998 International Mathematics Conference, National Taiwan Normal University, Taipei, Taiwan, December 18-21, 1998. (organized with T.-H. Kuo et al.)
- (3) Second Korea-Taiwan Joint Workshop on Partial Differential Equations, Seoul National University, Seoul, Korea, January 28-30, 1999. (organized with M. Kwak et al.)
- (4) International Conference on Mathematical Analysis and its Applications, 2000 (IC-MAA2000), National Sun Yat-sen University, Kaohsiung, Taiwan, January 17-21, 2000. (organized with N.-C. Wong et al.)
- (5) 2001 International Mathematics Conference, National Chung Hsing University, Taichung, Taiwan, November 23-25, 2001. (organized with H.-J. Kuo et al.)
- (6) Workshop on BioMathematics and Partial Differential Equations, National Taiwan Normal University, Taipei, Taiwan, December 13, 2002.
- (7) Workshop on Nonlinear Partial Differential Equations, National Taiwan Normal University, Taipei, Taiwan, December 22-23, 2003. (organized with Y.-H. Chang and Y.-J. Lin Guo)
- (8) Workshop on Partial Differential Equations and Dynamic Systems, National Taiwan Normal University, Taipei, Taiwan, December 7, 2004. (organized with Y.-H. Chang and Y.-J. Lin Guo)
- (9) France-Taiwan Joint Conference on Nonlinear Partial Differential Equations and Related Topics, National Taiwan University, Taipei, Taiwan, July 18-22, 2005. (organized with Chiun-Chuan Chen, Thierry Gallay, Francois Hamel, Tai-Chia Lin, and Lih-Chung Wang)
- (10) International Conference on Progress of the Applied Analysis, Hawaii Tokai International College, Hawaii, USA, August 29 - September 2, 2005. (organized with H. Imai, N. Ishimura, T. Itoh, T. Narazaki, and T. Suzuki)
- (11) Workshop on Computer-Aided Analysis and Reaction-Diffusion Systems, National Taiwan Normal University and National Taiwan University, Taipei, Taiwan, September 13-14, 2005. (organized with C.-C. Chen)
- (12) Workshop on Asymptotic Analysis, National Taiwan Normal University, Taipei, Taiwan, December 13, 2005. (organized with Y.-J. Lin Guo)
- (13) Special Session on Qualitative Properties of Evolution Equations in the AIMS' Sixth International Conference on Dynamical Systems and Differential Equations, University of Poitiers, Poitiers, France, June 25-28, 2006. (organized with M. Kirane and A. Rougirel)
- (14) Workshop on Reaction-Diffusion: Theory and Applications, National Taiwan Normal University, Taipei, Taiwan, December 1-2, 2006. (organized with C.-C. Chen)
- (15) France-Taiwan Joint Conference on Nonlinear Partial Differential Equations, CIRM, Marseille, France, March 25-28, 2008. (organized with T. Gallay, F. Hamel. J.-M. Roquejoffre)

- (16) International Workshop on Mathematical Biology: Modeling and Analysis, National Taiwan Normal University, Taipei, Taiwan, December 15-16, 2008. (organized with Y. Lou and J.-C. Tsai)
- (17) Japan-Taiwan Joint Workshop for Graduate Students in Applied Mathematics, National Taiwan Normal University, Taipei, Taiwan, February 28 - March 1, 2010. (organized with H. Ninomiya)
- (18) Workshop on PDE Models of Biological Processes, NCTS, National Tsing Hua University, Hsinchu, Taiwan, December 13-17, 2010. (Organized with S.-B. Hsu, A. Friedman, Y. Lou, C.-C. Chen and C.-W. Shih)
- (19) Second Japan-Taiwan Joint Workshop for Graduate Students in Applied Mathematics, Meiji University, Tokyo, Japan, February 25-27, 2011. (organized with H. Ninomiya)
- (20) The 20th Annual Workshop on Differential Equations, Tamkang University, Tamsui, New Taipei City, Taiwan, January 6-8, 2012. (organized with Whei-Ching Chan, Chuan-Jen Chyan, Chung-Tsun Shieh and Ting-Hui Yang)
- (21) Mini-Workshop on Applied Mathematics, Tamkang University, Tamsui, New Taipei City, Taiwan, March 23, 2012.
- (22) The 3rd Japan-Taiwan Joint Workshop for Young Scholars in Applied Mathematics, National Taiwan University, Taipei, Taiwan, February 27-28, 2012. (organized with Chiun-Chuan Chen, Jann-Long Chern, Chun-Hsiung Hsia, Shu-Ichi Kinoshita, Yoshihisa Morita, Hirokazu Ninomiya)
- (23) The 4th Japan-Taiwan Joint Workshop for Young Scholars in Applied Mathematics, Ryukoku University, Kyoto, Japan, February 28 - March 2, 2013. (organized with Chiun-Chuan Chen, Jann-Long Chern, Kota Ikeda, Junta Matsukidaira, Yoshihisa Morita, Hirokazu Ninomiya, Toshiyuki Ogawa, Nobuhiko Suematsu, Yoshikazu Yamagishi, Shoji Yotsutani)
- (24) 2013 One-day Workshop on Applied Mathematics, Tamkang University, Tamsui, New Taipei City, Taiwan, March 28, 2013.
- (25) France-Taiwan Joint Conference on Partial Differential Equations, CASTS, National Taiwan University, Taipei, Taiwan, October 21-25, 2013. (organized with Henri Berestycki, Francois Hamel, Chang-Shou Lin, Benoit Perthame, Horng-Tzer Yau)
- (26) The 5th Taiwan-Japan Joint Workshop for Young Scholars in Applied Mathematics, NCTS, National Tsing Hua University, Hsinchu, Taiwan, February 27 - March 1, 2014. (organized with Chiun-Chuan Chen et al.)
- (27) The 6th Taiwan-Japan Joint Workshop for Young Scholars in Applied Mathematics, Meiji University, Tokyo, Japan, February 27 - March 1, 2015. (organized with H. Ninomiya, Chiun-Chuan Chen et al.)
- (28) 2015 NCTS Workshop on Applied Mathematics, Tamkang University, Tamsui, New Taipei City, Taiwan, March 5, 2015.
- (29) 2015 NCTS Workshop on Applied Mathematics at Tainan, National University of Tainan, Tainan, Taiwan, June 15, 2015. (organized with Chang-Hong Wu)
- (30) The 7th Taiwan-Japan Joint Workshop for Young Scholars in Applied Mathematics, National Cheng Kung University, Tainan, Taiwan, February 27-29, 2016. (organized with C.-C. Chen et al.)

- (31) 2016 NCTS Workshop on Applied Mathematics at Tainan, National University of Tainan, Tainan, Taiwan, March 28, 2016. (organized with Tetsuya Ishiwata, Chang-Hong Wu and Tzung-Shin Yeh)
- (32) 2017 NCTS Workshop on Applied Mathematics at Tainan, National University of Tainan, Tainan, Taiwan, March 6, 2017. (organized with Yin-Liang Huang, Tetsuya Ishiwata, Chang-Hong Wu and Tzung-Shin Yeh)
- (33) ReaDiNet 2017: International Conference on Mathematical Biology, NCTS, National Taiwan University, Taipei, Taiwan, October 12-14, 2017. (organized with C.-C. Chen et al.)

II. Invited Talks in International Conferences

- (1) Meeting on Similarity Solutions of Differential Equations, University of Pittsburgh, Pittsburgh, USA, April 26-28, 1991.
- (2) First International Conference on Dynamic Systems and Applications, Morehouse College, Atlanta, USA, May 26-29, 1993.
- (3) Second Sino-Japan Conference on Nonlinear PDEs and Applications, Kyoto University, Kyoto, Japan, January 10-14, 1994.
- (4) Second International Conference on Dynamic Systems and Applications, Morehouse College, Atlanta, USA, May 24-27, 1995.
- (5) Second World Congress of Nonlinear Analysts, University of Athens, Athens, Greece, July 10-17, 1996.
- (6) 3rd Workshop on Differential Equations, Chonnam National University, Kwangju, Korea, May 16-17, 1997.
- (7) Hiroshima Workshop '98 (Part II), Reaction-Diffusion Systems: Theories and Applications, Hiroshima University, Higashi-Hiroshima, Japan, November 27, 1998.
- (8) Workshop on Singularities Arising in Nonlinear Problems 1998, Kansai Seminar House, Kyoto, Japan, November 30 - December 2, 1998.
- (9) Conference on Blow-up, Breakdown, and Related Topics in Nonlinear PDEs, in honor of Professor H. Fujita's 70th birthday, Research Institute for Mathematical Sciences, Kyoto University, Kyoto, Japan, December 9-11, 1998.
- (10) Second Korea-Taiwan Joint Workshop on Partial Differential Equations, Seoul National University, Seoul, Korea, January 28-30, 1999.
- (11) International Conference on Partial Differential Equations, Hannam University, Taejeon, Korea, July 26, 1999.
- (12) 4th Workshop on Differential Equations, in honor of Kiyoshi Mochizuki on the occasion of his 60th birthday, Chonnam National University, Kwangju, Korea, July 27-29, 1999.
- (13) Conference on Nonlinear Diffusive Systems - Dynamics and Asymptotics, RIMS, Kyoto University, Kyoto, Japan, May 30 - June 2, 2000.
- (14) RIMS Conference on Reaction-Diffusion Systems: Theory and Applications, RIMS, Kyoto University, Kyoto, Japan, February 5-8, 2001.
- (15) Workshop on Nonlinear PDEs at Sendai, Tohoku University, Sendai, Japan, November 1-2, 2001.
- (16) Third East Asia Symposium on PDE, National Chung Cheng University, Chiayi, Taiwan, September 4-7, 2002.

- (17) Dynamics of Patterns in Reaction-Diffusion Systems and the Related Topics, RIMS, Kyoto University, Kyoto, Japan, November 25-28, 2002.
- (18) Trilateral Workshop on Analysis and Applications, Murramarang Resort, South Dur-ras, New South Wales, Australia, February 3-7, 2003.
- (19) Conference on Partial Differential Equations and Applications, University of Notre Dame, Notre Dame, Indiana, USA, August 14-17, 2003.
- (20) Workshop on Singularities Arising in Nonlinear Problems 2003, Kansai Seminar House, Kyoto, Japan, November 25-27, 2003.
- (21) International Conference on Elliptic and Parabolic Problems: Recent Advances, NCTS, National Tsing Hua University, Hsinchu, Taiwan, February 16-20, 2004.
- (22) Fifth Northeastern Symposium on Mathematical Analysis, Sapporo Convention Cen-ter, Sapporo, Japan, February 23-24, 2004.
- (23) Workshop on Reaction-Diffusion Equations and Related Topics, NCTS, National Tsing Hua University, Hsinchu, Taiwan, May 26-31, 2004.
- (24) AIMS' Fifth International Conference on Dynamical Systems and Differential Equa-tions, California State Polytechnic University, Pomona, California, USA, June 16-19, 2004.
- (25) Mini-Workshop on Dynamics of Nonlinear Waves, CIRM, Luminy, Marseille, France, October 18-22, 2004.
- (26) Workshop on Autonomous Formation of Spatial Structures in Parabolic Equations, Tohoku University, Sendai, Japan, November 18-20, 2004.
- (27) Workshop on Singularities Arising in Nonlinear Problems 2004, Kansai Seminar House, Kyoto, Japan, November 24-26, 2004.
- (28) 7th International Workshop on Differential Equations, Chonnam National University, Kwangju, Korea, May 19-21, 2005.
- (29) Ryukoku Workshop on Mathematical Aspects of Pattern Formation and Dynamics in Dissipative Systems, Ryukoku University, Seta, Japan, June 2-4, 2005.
- (30) International Conference on Hot Topics in Current Applied and Industrial Mathe-matics, Guizhou University, Guiyang, China, July 13-16, 2005.
- (31) International Conference on Progress of the Applied Analysis, Hawaii Tokai Interna-tional College, Hawaii, USA, August 29 - September 2, 2005.
- (32) International Conference on Applied Mathematics, Tamkang University, Taipei, Tai-wan, December 3-4, 2005.
- (33) Workshop on Reaction-Diffusion and Free Boundary Problems, Banff International Research Station, Banff, Canada, March 19-23, 2006.
- (34) Sixth East Asia Partial Differential Equations Conference, Wuhan University, Wuhan, China, May 15-19, 2006.
- (35) AIMS' Sixth International Conference on Dynamical Systems and Differential Equa-tions, University of Poitiers, Poitiers, France, June 25-28, 2006.
- (36) Second Euro-Japanese Workshop on Blow-up, Satellite Conference to ICM2006, El Escorial, Madrid, Spain, September 4-8, 2006.
- (37) International Conference on Nonlinear Analysis, National Center for Theoretical Sci-ences, Hsinchu, Taiwan, November 20-25, 2006.
- (38) Workshop on Reaction-Diffusion: Theory and Applications, National Taiwan Normal University, Taipei, Taiwan, December 1-2, 2006.

- (39) Workshop on Singularities Arising in Nonlinear Problems 2006, Kansai Seminar House, Kyoto, Japan, December 4-6, 2006.
- (40) Workshop on Modeling, Analysis, and Computations for Biological Applications, National Chiao Tung University, Hsinchu, Taiwan, December 14-15, 2006.
- (41) 32nd Sapporo Symposium on Partial Differential Equations, Hokkaido University, Sapporo, Japan, August 24-26, 2007.
- (42) Conference on Integrating Differential Equations with Math Biology, Mathematical Bioscience Institute (MBI), Ohio State University, Columbus, Ohio, USA, November 15-18, 2007.
- (43) Workshop on Singularities Arising in Nonlinear Problems 2007, Kansai Seminar House, Kyoto, Japan, November 26-28, 2007.
- (44) Ryukoku Workshop on Recent Advances on Nonlinear Parabolic and Elliptic Differential Equations, Ryukoku University, Seta, Japan, December 3-5, 2007.
- (45) France-Taiwan Joint Conference on Nonlinear Partial Differential Equations, CIRM, Marseille, France, March 25-28, 2008.
- (46) 9th International Workshop on Differential Equations, Chonnam National University, Kwangju, Korea, May 29-31, 2008.
- (47) Fifth East China Conference on Partial Differential Equations, Nanjing University, Nanjing, China, July 7-11, 2008.
- (48) Mathematical Understanding of Complex Systems arising in Biology and Medicine, Meiji University, Tokyo, Japan, October 27-29, 2008.
- (49) Workshop on Singularities Arising in Nonlinear Problems (SNP2008), Kansai Seminar House, Kyoto, Japan, December 1-3, 2008.
- (50) International Workshop on Nonlinear Dynamics in Biological Systems & Soft-Matter Biophysics Days 2009, Academia Sinica, Taipei, Taiwan, January 16-20, 2009.
- (51) International Conference on Reaction-Diffusion Systems and Viscosity Solutions, Providence University in Taiwan, Taichung, Taiwan, July 13-18, 2009.
- (52) Workshop on Singularities Arising in Nonlinear Problems (SNP2009), Kansai Seminar House, Kyoto, Japan, November 30 - December 2, 2009.
- (53) International Workshop on Differential Equations and Their Applications, National Cheng Kung University, Tainan, Taiwan, December 18-21, 2009.
- (54) 27th Kyushu Symposium on Partial Differential Equations, Kyushu University, Fukuoka, Japan, January 25-27, 2010.
- (55) 10th International Workshop on Differential Equations, Chonnam National University, Kwangju, Korea, March 18-20, 2010.
- (56) 2010 NCTS Workshop on Calculus of Variations and Related Topics, NCTS, National Tsing Hua University, Hsinchu, Taiwan, May 6-8, 2010.
- (57) 8th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Dresden University of Technology, Dresden, Germany, May 25-28, 2010.
- (58) Tutorial Lectures and International Workshop on Singular Diffusion and Evolving Interfaces, Hokkaido University, Sapporo, Japan, August 2-6, 2010.
- (59) Workshop on Interface Motion and Traveling Waves in Reaction Diffusion Equations, Tongji University, Shanghai, China, October 13-14, 2010.
- (60) RIMS Symposium on Structures of Attractors in Dissipative Systems, RIMS, Kyoto University, November 15-17, 2010.

- (61) Workshop on PDE Models of Biological Processes, NCTS, National Tsing Hua University, Hsinchu, Taiwan, December 13-17, 2010.
- (62) Conference in Honor of the 60th Birthday of Dr. Chang-Shou Lin, NCTS/TPE, National Taiwan University, Taipei, Taiwan, July 8-9, 2011.
- (63) Workshop on Mathematical and Numerical Analysis for Interface Motion Arising in Nonlinear Phenomena, RIMS, Kyoto University, Kyoto, Japan, July 12-14, 2011.
- (64) One Forum, Two Cities: Aspect of Nonlinear PDEs, TIMS, National Taiwan University, Taipei, Taiwan, August 29 - September 1, 2011.
- (65) International Workshop on Modeling and Analysis of PDE Systems of Biological Processes, School of Mathematical Sciences, Capital Normal University, Beijing, China, October 18-21, 2011.
- (66) Workshop on Singularities Arising in Nonlinear Problems (SNP2011), Kansai Seminar House, Kyoto, Japan, December 3-4, 2011.
- (67) Reaction-Diffusion Systems Mini-Workshop 2012, MIMS, Meiji University, Tokyo, Japan, February 1, 2012.
- (68) NTU-Inha 2012 Bilateral Conference on Analysis and Scientific Computing, TIMS, National Taiwan University, Taipei, Taiwan, February 16-17, 2012.
- (69) 9th East China Partial Differential Equations Conference and Shanxi International Conference on Partial Differential Equations, Shanxi University, Taiyuan, Shanxi, China, July 16-19, 2012.
- (70) International Conference on Nonlinear Partial Differential Equations, Dynamical Systems and Their Applications, in honor of Professor Hiroshi Matano on the occasion of his 60th birthday, RIMS, Kyoto University, Kyoto, Japan, September 3-6, 2012.
- (71) 2012 NCTS (Taiwan)-POSTECH (Korea) Joint Workshop on Partial Differential Equations, NCTS, National Tsing Hua University, Hsinchu, Taiwan, November 8-9, 2012.
- (72) Workshop on Lattice and Nonlocal Dynamical Systems and Applications, IMA, University of Minnesota, Minneapolis, Minnesota, USA, December 3-7, 2012.
- (73) Taiwan-Japan Joint Conference on PDE and Analysis, Department of Mathematics, National Taiwan University, Taipei, Taiwan, December 26-28, 2012.
- (74) ICCM2013, TIMS, National Taiwan University, Taipei, Taiwan, July 14-19, 2013.
- (75) Two Days ReaDiLab Workshop, MIMS, Meiji University, Tokyo, Japan, July 23-24, 2013.
- (76) One Forum, Two Cities 2013: Aspect of Nonlinear PDEs, Waseda University, Tokyo, Japan, September 17-20, 2013.
- (77) France-Taiwan Joint Conference on Partial Differential Equations, CASTS, National Taiwan University, Taipei, Taiwan, October 21-25, 2013.
- (78) CASTS-LJLL Workshop on Applied Mathematics and Mathematical Sciences, CASTS, National Taiwan University, Taipei, Taiwan, May 26-29, 2014.
- (79) International Conference on Nonlinear Dynamics with Applications to Biology, NCTS, National Tsing Hua University, Hsinchu, Taiwan, May 28-30, 2014.
- (80) Sixth Euro-Japanese Workshop on Blow-up, Tokyo Institute of Technology, Tokyo, Japan, September 1-5, 2014.
- (81) RIMS Workshop on Shapes and other Properties of the Solutions of PDEs, RIMS, Kyoto University, Kyoto, Japan, November 5-7, 2014.

- (82) International Workshop on Mathematics in the Life and Physical Science, Renmin University of China, Beijing, China, May 19-21, 2015.
- (83) 12th International Workshop on Differential Equations, Chonnam National University, Kwangju, Korea, May 28-30, 2015.
- (84) ICMMA 2015: Self-Organization - Modeling and Analysis, Meiji University, Tokyo, Japan, October 26-29, 2015.
- (85) Nonlinear Analysis and Applications: A ReaDiNet Seminar Afternoon, Universite de Paris-Sud, Paris, France, November 10, 2015.
- (86) Meeting of the ANR NONLOCAL Research Group, INRA, Avignon, France, November 16-18, 2015.
- (87) 2016 NCTS International Workshop on Mathematical Biology, National Tsing Hua University, Hsinchu, Taiwan, May 21-23, 2016.
- (88) GDRI ReaDiNet Conference in Fréjus: Reaction-Diffusion Systems in Mathematics and Biomedicine, Villa Clythia, Fréjus, France, September 19-23, 2016.
- (89) International Conference on Reaction-Diffusion System, Theory and Application, MIMS, Meiji University, Tokyo, Japan, March 17-19, 2017.
- (90) ReaDiNet 2017: International Conference on Mathematical Biology, NCTS, National Taiwan University, Taipei, Taiwan, October 12-14, 2017.