

## International Activities

- 1978**— Cowork with scholars in U.S.A., Japan, Canada, Taiwan, Poland, Vietnam, Australia, Singapore, Ireland, and the Philippines.
- 1980**— Amer. Math. Soc. Reviewer: Reviewed more than almost 300 papers for *Mathematical Reviews*.
- 1979. 1 - 1979. 2** Indiana Univ., visited.
- 1979. 7. 3-5** Symposium on Fixed Point Algorithm and Complementarity, Southampton, England, gave a talk.
- 1979. 7 - 1979. 8** Indiana Univ., visited.
- 1979. 8 - 1980. 7** Research Associate, Univ. of California, Berkeley
- 1980. 4. 7-11** Poincaré Symposium, AMS, Bloomington, attended.
- 1980. 4. 12-13** AMS 775th Meeting, Special Session on Fixed Point Theory, Bloomington, gave a talk.
- 1981. 6. 4-5** The Korea-Japan History of Science Seminar 토론자
- 1983. 6. 27 - 7. 15** NATO-ASI on "Topological Methods in Nonlinear Analysis", Univ. of Montreal, Invited Talk and Session Chair.
- 1983. 7. 16-29** AMS Summer Research Institute on Nonlinear Analysis, Berkeley, Talk.
- 1984. 7 - 1984. 8** Indiana Univ., visited.
- 1984. 8. 6-10** International Conference on Approximation Theory and Applications, St. John's, NF, Canada, Invited Talk and Session Chair.
- 1986. 7 - 1986. 8** Indiana Univ., visited.
- 1986. 8. 5-13** International Congress of Mathematicians at Berkeley, Fixed Point Seminar, Talk.
- 1989. 5. 19-20** AMS Meeting, Chicago, Special Session on Nonlinear Analysis and Applications. Invited Talk and Session Chair.

1989. 5. 20 - 6. 5 Indiana Univ., visited.
1989. 5. 25 Colloquium Talk at the above University.
1989. 6. 5-9 Colloque International sur la Theorie du Point Fixe et ses Applications, CIRM, Marseille, France, Talk.
1991. 6. 9-14 Second International Conference on Fixed Point Theory and Applications, Dalhousie Univ., Halifax, Talk.
1991. 6. 14 - 7. 24 Indiana Univ., visited.
1992. 5. 28-29 The 1st International Miniconference on Topology and Nonlinear Analysis, SNU-RIM-GARC, Organizer.
1992. 5. 28 Lecture: *Eighty years of the Brouwer fixed point theorem* (승실대)
1992. 5. 29 Talk: *Coincidence theorems on acyclic maps with applications to KKM theory* (서울대)
1992. 7. 12 - 8. 9 Memorial Univ. of Newfoundland, St. John's, Visiting Research Professor, Talks at the Seminar.
1992. 7. 29 Colloquium Talk at the above University.
1992. 8. 9-16 Dalhousie Univ., Halifax, visited.
1992. 8. 13 Colloquium Talk at the above University.
1992. 8. 19-26 The First World Congress of Nonlinear Analysts (WCNA'92), Tampa, Florida, Talk.
1992. 8. 26-28 New College, Sarasota, Florida, visited.
1992. 8. 28 - 93. 6. 30 Indiana Univ. 객원교수 (Visiting Professor)
1992. 10. 22 Lecture, Topology Seminar at the above University.
1992. 10. 29 - 93. 1. 5 UCLA, visited.
1992. 11. 7 AMS 887th Meeting, Los Angeles, Talk.
1993. 6. 9 Eilenberg Symposium, Toruń, Poland, Invited Talk.

1994. 1. 18 - 2. 18 Institute of Mathematics, Academia Sinica, Taipei, visited.
1994. 1. 27 Invited Talk: *Eighty years of the Brouwer fixed point theorem*
1994. 6. 21 The 2nd International Miniconference on Topology and Nonlinear Analysis, SNU-RIM-GARC, Organizer.
1994. 6. 21 Lecture: *On the Gulevich problems on nonexpansive maps in uniformly convex spaces*
1994. 8. 23-26 International Conference on Pure and Applied Mathematics, Beijing, China, Invited Talk: *On multimaps of the Leray-Schauder type.*
1995. 2. 5-26 Institute of Mathematics, Academia Sinica, Taipei, visited.
1995. 2. 10 Invited Lecture: *Generalized Birkhoff-Kellogg theorems and applications*
1995. 2. 15 National Changhua University of Education, Changhua, Taiwan.  
Invited Lecture: *Eighty years of the Brouwer fixed point theorem*
1995. 2. 20 National Tsinghua University, Invited Lecture: *The same title*
1995. 2. 21 Tamkang University, Invited Lecture: *The same title*
1995. 2. 24 Chungyuen University, Invited Lecture: *Generalized Leray-Schauder principles for compact maps.*
1995. 7. 6-15 The Australian National University, Canberra, visited.
1995. 7. 15-25 University of Queensland, Brisbane, visited.
1995. 7. 16-21 University of Queensland, Fixed Point Seminar, Main Speaker (5 times)
1995. 7. 19 Mathematics Department Colloquium Talk: *Eighty years of the Brouwer fixed point theorem*
1995. 7. 25-28 University of Newcastle, Australia, visited.
1995. 7. 26 Colloquium Talk: *The same title*
1995. 12. 6 The 1st International Conference on Nonlinear Functional Analysis and Applications, Kyungnam Univ., Masan, Korea.  
Invited Speaker: *Some applications of the KKM theory and fixed point theory for admissible multifunctions*

- 1995. 12. 13-18** International Conference on Functional Analysis and Related Topics, The Chinese University of Hong Kong.  
Talk: *A unified approach to generalized quasi-variational inequalities*
- 1996. 1. 27 - 2. 18** Institute of Mathematics, Academia Sinica, Taipei, visited.
- 1996. 2. 1** Invited Lecture: *Some applications of the KKM theory and fixed point theory for admissible maps*
- 1996. 2. 8** National Changhua University of Education, Changhua, Taiwan.  
Invited Talk: *Coincidence theorems for multimaps on generalized convex spaces*
- 1996. 4. 22-23** The 3rd International Miniconference on Topology and Nonlinear Analysis, SNU-RIM-GARC, Organizer.
- 1996. 4. 22** Lecture: *Coincidence theorems for the better admissible multimaps and their applications*
- 1996. 4. 23** Talk: *Collectively fixed points, intersection theorems, and equilibrium theorems*
- 1996. 6. 15 - 8. 15** Institute of Computer Science, Polish Academy of Sciences, Warsaw, visited.
- 1996. 6. 19** Nonlinear Analysis Workshop, Banach Center, Warsaw. Invited Talk: *Applications of the Idzik fixed point theorem*
- 1996. 6. 28** University of Toruń, Poland. Colloquium Talk: *Coincidence theorems for the better admissible maps and their applications*
- 1996. 7. 5** University of Lublin, Colloquium Talk: *Applications of the Idzik fixed point theorem*
- 1996. 7. 13** The Second World Congress of Nonlinear Analysts (WCNA'96), Univ of Athens, Greece.  
Talk: *Coincidence theorems for the better admissible maps and their applications*
- 1996. 8. 22-23** The 2nd International Conference on Nonlinear Functional Analysis and Applications, Masan (경남대학교).  
Invited Talk: *Applications of the Idzik fixed point theorem*

- 1996. 12. 12-16** International Mathematics Conference, Mathematical Society of Republic of China, Changhua, Taiwan.  
 Invited Talk: *Fixed points, intersection theorems, variational inequalities, and equilibrium theorems*
- 1997. 1. 8-11** AMS 103rd Annual Meeting, San Diego, California. Talk: (with T.-C. Lin) *Approximation theorems and fixed point theorems for condensing composites of multifunctions*
- 1997. 1. 11 - 2. 3** National Changhua University of Education, Changhua, Taiwan, visited.
- 1997. 1. 16** The 2nd Conference on the KKM Theory and Related Topics, Changhua.  
 Keynote Speaker: *Generalized Schauder type fixed point theorems*
- 1997. 1. 17** Chungyuen University, Chungli, Taiwan.  
 Invited Talk: *Generalized forms of some main theorems of nonlinear analysis*
- 1997. 1. 27** National Cheng Kung University, Tainan, Taiwan.  
 Invited Talk: *Fixed point theorems and a social equilibrium theorems of G. Debreu*
- 1997. 1. 31** Institutes of Economics and Mathematics, Academia Sinica, Taipei, Taiwan.  
 Invited Talk: *Fixed point theorems and equilibrium theory*
- 1997. 6. 21** 중국 길림성수학회 이사확대회의에서 강연: 한국의 수학 1945-1997.
- 1997. 6. 24** 중국 연변대학교 수학기 (수리과학부) 초청강연: 비선형해석학에서의 주된 정리들
- 1997. 8. 12-13** The 3rd International Conference on Nonlinear Functional Analysis and Its Applications, Masan (경남대학교).  
 Invited Talk: *Five episodes related to generalized convex spaces*
- 1997. 8. 19-** Member, Editorial Board, Indian Journal of Mathematics, Allahabad Mathematical Society
- 1997. 9. 22 - 10. 3** International Conference on Differential Inclusions and Optimal Control, Banach Center, Warsaw (Organizer: L. Górniewicz).  
 Talk: (with Adam Idzik) *Leray-Schauder type theorems and equilibrium existence theorems*
- 1997. 10. 9-** Member, Editorial Board, Mathematical Sciences Research Journal, U.S.A.

1997. 11. 7 Kaz Goebel 교수 (Maria Curie-Sklodowska Univ., Lublin, Poland 총장) 초청 강연회, 서울대학교 수학과, 주관
1997. 11. 8 Member, Editorial Board, Tamkang Journal of Mathematics, Tamkang University, Taiwan
1997. 12. 25-31 Institute of Mathematics, Academia Sinica, Taipei, Taiwan, visited.
1998. 1. 1 - 2000. 12. 31 Member, Editorial Board, J. of the Korean Mathematical Society
1998. 1. 1-17 National Changhua University of Education, Changhua, Taiwan, visited. The KKM Theory Seminar: Eight-hour lectures
1998. 1. 14 Colloquium Talk: *Continuous selection theorems in generalized convex spaces*
1998. 3. 2-5 International Conference on Recent Developments in Mathematical Analysis with Applications to Industrial Problems, Banaras Hindu Univ., Varanasi, India. Member, International Organizing Committee
1998. 3. 5 Invited Talk: *Acyclic versions of the von Neumann and Nash equilibrium theorems*
1998. 7. 21-27 Tokyo Institute of Technology (동경공대), Meguro, Tokyo, visited.
1998. 7. 22 Colloquium Talk: *Ninety years of the Brouwer fixed point theorem*
1998. 7. 23-25 The 3rd Symposium on Nonlinear Analysis and Applications – Satellite Conference of NACA'98, Josai University, Sakado, Japan
1998. 7. 24 Invited One-hour Talk: *A unified fixed point theory of multimaps on topological vector spaces*
1998. 7. 28-31 Member, International Program Committee, and a Plenary Session Chair, International Conference on Nonlinear Analysis and Convex Analysis (NACA'98), Niigata, Japan
1998. 7. 29 Talk: *Some topological versions of the Fan–Browder fixed point theorem*
1998. 7. 31 Plenary Talk: *Remarks on a fixed point problem of Ben-El-Mechaiekh*
1998. 8. 3-4 International Conference on Mathematical Analysis and Applications, Jinju, Korea.  
Invited Talk: *Fixed point theorems in generalized convex spaces*

- 1998. 8. 20** Lecturer, Conversation with Eminent Scientists, The 1st APEC Youth Science Festival, Seoul, Korea
- 1998. 10. 15-18** Taiwan–Korea Symposium on Mathematics, NCKU, Tainan, Taiwan.  
Invited Talks: *Fixed point theorems in generalized convex spaces*, I (Oct. 15, 14:20- 15:00), II (Oct. 16, 14:20-15:00)
- 1998. 10. 18-20** National Changhua Univ of Education, Changhua, Taiwan, visited.  
Colloquium Talks: (1) *Fixed point of multimaps on ordered spaces* (Oct. 19, 10:00- 10:55), (2) *Fixed point theory in generalized convex spaces* (Oct. 19, 11:00-12:00)
- 1999. 1. 1–** Member, Editorial Board, International Journal of Mathematics and Mathematical Sciences, U.S.A.
- 1999. 1. 1–** Member, Advisory Editorial Board, Nonlinear Analysis Forum, Pusan, Korea
- 1999. 1. 1–** Member, Editorial Board, Korean Annals of Mathematics, Gwangju, Korea
- 1999. 1. 14 - 2. 8** The Hanoi Institute of Mathematics, Hanoi, Vietnam, visited. Two-Hour Seminar Talks:  
(1) *Ninety years of the Brouwer fixed point theorem* (Jan. 21, 9:00-10:50)  
(2) *A unified fixed point theory on multimaps in topological vector spaces* (Jan. 28, 9:00-10:50)  
(3) *Generalized convex spaces and applications* (Feb. 4, 9:00-10:00)  
The Institute Colloquium: *Fixed points of convex-valued multimaps* (Feb. 4, 10:10-11:30)
- 1999. 1. 29** Visited the Vietnam National University, College of Natural Sciences, Hanoi.  
Two-Hour Colloquium Talk: *Historical Introduction to Fixed Point Theory and the KKM theory* (9:00-10:50)
- 1999. 4. 16** The 4th International Miniconference on Nonlinear Analysis, Seoul National University, Organizer.  
Talk: *Fixed points of better admissible multimaps on generalized convex spaces*
- 1999. 4. 30** The 5th International Miniconference on Nonlinear Analysis, Seoul National University, Organizer.  
Talk: *A unified fixed point theory of multimaps on topological vector spaces*

- 1999. 6. 1-3** International Conference on Differential Equations and Related Topics, Pusan National University, Pusan, Korea. Invited Talk and Session Chair.  
Invited One-Hour Talk: *Fixed points of better admissible multimaps on generalized convex spaces*
- 1999. 6. 18** The 6th International Miniconference on Nonlinear Analysis, Seoul National University, Organizer.  
Talk: *Recent topics on hyperconvex spaces*
- 1999. 7. 29-31** The 5th International Conference on Nonlinear Functional Analysis and Applications, Kyungnam University, Masan, Korea. Invited Talks and Session Chair.  
Invited One-Hour Talks: (1) *Remarks on fixed point theorems in hyperconvex spaces*  
(2) *Fixed point and non-retract theorems – Classical circular tours*
- 1999. 8. 15 - 9. 4** Institute of Computer Science, Polish Academy of Sciences, Warsaw, visited.
- 1999. 9. 2** Ecole Normal Superieur, Zielona Góra, Poland.  
Invited Lecture: *Fixed point and non-retract theorems – Classical circular tours*
- 1999. 9. 5-12** Maria Curie-Sklodowska University, Lublin, Poland, visited
- 1999. 9. 13-17** The 2nd Symposium on Nonlinear Analysis in honour of the centenary of Juliusz Schauder's birth, Nikolas Copernikus Univeristy, Toruń , Poland.  
Invited Talk: *Fixed point theorems in locally  $G$ -convex spaces*
- 1999. 11. 17 - 12. 24** University of Newcastle, Australia, visited and gave informal seminar talks.
- 2000. 1. 1–** Member, Editorial Board, J. of Nonlinear and Convex Analysis, Japan
- 2000. 1. 1–** Honorary Editor, J. of Applied Mathematics & Computing, Korea
- 2000. 1. 1–** Honorary Member, Editorial Board, Nonlinear Functional Analysis and Applications, Korea
- 2000. 1. 17-21** International Conference on Mathematical Analysis and Its Applications (ICMAA 2000), National Sun Yat-sen University, Kaohsiung, Taiwan.  
Invited Speaker: *Fixed points and non-retract theorems – Classical circular tours*



- 2000. 1. 21-27** Invited Serial Lectures at the National Changhua Univ. of Education:
- (1) *Elements of the KKM theory on generalized convex spaces* (Jan. 21, 9:00–11:00)
  - (2) *Remarks on the Schauder–Tychonoff fixed point theorem* (Jan. 24, 9:10–11:10)
  - (3) *Remarks on the Himmelberg–Idzik fixed point theorem* (Jan. 25, 10:00–12:00)
  - (4) *The KKM theorem and almost fixed points* (Jan. 26, 9:10–11:10)
  - (5) *Fixed point theorems in locally  $G$ -convex spaces* (Jan. 27, 9:10–11:00)
- 2000. 6. 15-16** International Conference on Applied Nonlinear Analysis 2000 (ICANA 2000), Pukyong National Univ., Pusan, Korea. Session Chair and  
Invited Talk *Some equilibrium problems in generalized convex spaces*
- 2000. 7. 19-26** The 3rd World Congress of Nonlinear Analysts (WCNA 2000), Catania, Italy.  
Invited One-Hour Talk: *New topological versions of the Fan–Browder fixed point theorem*
- 2000. 8. 28-31** International Workshop on Applied Analysis & Optimization (AAO'2000), Danang, Vietnam.  
Invited Talk: *Some equilibrium problems in generalized convex spaces*
- 2000. 9. 1-5** The 6th Intern. Conf. on Nonlinear Functional Analysis and Applications, Masan and Jinju, Korea.  
Invited Talk: *On almost fixed point property of mapping classes in topological vector spaces*
- 2000. 9. 23-24** Amer. Math. Soc. Meeting #957, Univ. of Toronto, Canada. Special sessions on Nonlinear Functional Analysis (Code: AMS SSP1). Session Chair and  
Invited Talk: *The KKM principle implies many fixed point theorems*
- 2000. 10. 20-22** International Conference on Mathematics in the New Millennium, Korean Math. Soc. at Yonsei Univ., Seoul.  
Invited Lecture: *Some equilibrium problems in generalized convex spaces.*
- 2000. 12. 8-10** 2000 International Conference on Mathematics and Statistics, Mathematical Society of R.O.C., Tamkang University, Tamsui, Taiwan.  
Memorial Lecture for the late Ming-Po Chen: *Unified approaches to generalized quasi-variational inequalities and best approximations.*

- 2000. 12. 11-12** Invited Serial Lectures, National Changhua Univ. of Education, Changhua, Taiwan: (1) *Some equilibrium problems in generalized convex spaces.* (2) *The KKM principle implies many fixed point theorems.*
- 2001. 1. 15 - 2. 20** CERMSEM, Université Paris I, Pantheon-Sorbonne, Paris, France, visited.
- 2001. 1. 19** Talk: *The KKM principle implies many fixed point theorems.*
- 2001. 2. 8-11** Université d'Avignon, visited.
- 2001. 6. 13-19** Inter. Confer. on Fixed Point Theory and Its Applications, Technion, Haifa, Israel. Invited Talk: *Recent results in analytical fixed point theory.*
- 2001. 6. 21-27** Universite della Calabria, Cosenza, Italy, visited.
- 2001. 6. 25** Seminari del Dipartimento di Matematica : *Recent results in analytical fixed point theory.*
- 2001. 6. 28-30** The 1st International Workshop on Functional Analysis Method in Economics and Finance, Ferretti Hotel, Diamante (Cosenza, Italy).  
Main Speaker: *Generalization of the Nash equilibrium theorem on generalized convex spaces*
- 2001. 7. 30 - 8. 2** The 2nd Inter. Conf. on Nonlinear Analysis and Convex Analysis, (NACA 2001), Hirosaki University, Hirosaki, Japan. Member, International Program Committee.
- 2001. 8. 2** Plenary Talk: *Coincidence theorems and almost fixed points.*
- 2001. 8. 6-10** The 7th Intern. Conf. on Nonlinear Functional Analysis and Applications (IC-NFAA 2001), Masan and Jinju, Korea. Member, Advisory Committee.
- 2001. 8. 6** Plenary Talk: *Recent results in analytical fixed point theory.*
- 2001. 8. 10** Invited Talk: *Remarks on Kakutani maps and selection theorems.*
- 2001. 8. 12-14** Intern. Conf. on Industrial Mathematics (ICIM-2001), Indian Inst. of Tech., Madras, India. Member, Organizing Committee, not attended.
- 2002. 1. 6 - 2. 5** Visiting Professor, University of the Philippines, Diliman, Quezon City, The Philippines. The four-week serial lectures on the KKM theory and Analytical Fixed Point Theory for junior faculties.

- 2002. 8. 2-5** The first Korea-Japan Joint Symposium on Nonlinear Functional Analysis and Convex Analysis, Gyungju, Korea.
- 2003. 7. 13-19** International Conference on Fixed Point Theory and Its Applications, Valencia, Spain. Session Chair and Talk: *On some conjectures and problems in analytical fixed point theory.*
- 2003. 8. 25-29** The 3rd Inter. Conf. on Nonlinear Analysis and Convex Analysis (NACA2003), Tokyo Institute of Technology, Tokyo, Japan. Member, Internatinal Program Committee.
- 2003. 8. 28** Plenary Talk: *On some conjectures and problems in analytical fixed point theory, Revisited.*
- 2003. 9. 15-18** RIMS Workshop “Nonlinear Analysis and Convex Analysis”, Univ. of Kyoto, Japan. Invited Talk: *Fixed points, extreme points, and the compact AR problem*
- 2003. 9. 18-20** Univ. of Niigata, Niigata, Japan, visited. Invited two hour lecture: *Recent results in analytical fixed point theory.*
- 2003. 10-** Member, Global Organizing Committee (GOC), The 4th World Congress of Nonlinear Analysts (WCNA 2004), to be held at Orlando, FL., June 30 – July 7, 2004.
- 2003. 12. 10-30** Mathematical Research Center, National Science Council of Republic of China, visited.
- 2003. 12. 12-13** Workshop on Nonlinear and Convex Analysis at Changhua, Taiwan. Lecture 1: *On some conjectures and problems in analytical fixed point theory* Lecture 2: *Comments on recent studies on generalized convex spaces.*
- 2003. 12. 15-26** Two week lectures for graduate students, National Changhua University of Education (20 hours).
- 2003. 12. 19-21** The Mathematical Society of Republic of China, Annual Meeting, National Central Univ., Chongli, Taiwan. Invited Talk: *Compact AR problem and related topics.*
- 2003. 12. 25** Colloquium Talk at National Changhua Univ. of Education: *Topics in the 20th Century Mathematics.*
- 2003. 12. 27-30** Academia Sinica, Institute of Mathematics, visited. Special Colloquium Speaker: *Recent results in analytical fixed point theory.*

- 2003. 6. - 2004. 1.** Member, A doctoral committee, University of Andhra, India
- 2004. 5. 27-31** Inter. Conf. on Analysis and Its Appl. (ICAA-2004), Changhua, Taiwan. Member, Scientific Committee; Session Chairs and Invited Speaker. Plenary Talk: *After the resolution of the Schauder Conjecture*
- 2004. 5. 31 - 6. 3** Academia Sinica, Institute of Mathematics, Taiwan, visited.
- 2004. 6. -** Member, Editorial Board, Advances in Nonlinear Variational Inequalities, U.S.A.
- 2004. 6. 30 - 7. 7** The 4th World Congress of Nonlinear Analysts (WCNA 2004).  
Member, Global Organizing Committee. Organized a special session on “Fixed Point Theory and Related Topics” (with I.-S. Kim)  
One-Hour Invited Talk: *Recent results in analytical fixed point theory*
- 2005. 6. 30 - 7. 4** The 4th International Conference on Nonlinear Analysis and Convex Analysis (NACA2005), Okinawa Convention Center, Okinawa, Japan. Member, International Program Committee, and a session chair. Keynote Talk: *Remarks on recent results in analytical fixed point theory*
- 2005. 7.** Included in “2000 Outstanding Intellectuals of the 21st Century” by International Biographical Centre, Cambridge, England.
- 2005. 8. 22 - 25** RIMS Workshop: “Nonlinear Analysis and Convex Analysis”, Kyoto University, Japan. A session chair and Invited Talk: *Fixed points of approximable or Kakutani maps in generalized convex spaces*
- 2006. 10. 25 - 11. 24** Visiting Professor, Keio University, Hiyoshi, Japan.
- 2006. 11. 6** Mathematical Economics Research Center, Keio University, Mita, Japan. Invited Two-Hour Lecture: *Recent Results in Analytical Fixed Point Theory*
- 2006. 11. 10** Tokyo Institute of Technology, Mathematical and Computational Sciences Major, Ookayama, Japan. Invited Talk: *Recent Results in Analytical Fixed Point Theory*
- 2006. 11. 15** Yokohama National University, Graduate School Of Environment and Information Sciences, Yokohama, Japan. Invited Two-Hour Talk: (1) *Fixed point theorems for better admissible multimaps on almost convex sets.* (2) *Applications of fixed point theorems on almost convex sets.*

- 2006. 11. 16 (18:30-20:30)** Research Center for the Liberal Arts, Keio University. Interviewed on the university educations of Korea and Japan.
- 2006. 12.** Member, a doctoral committee, Anna University, India.
- 2007. 5. 31 - 6. 4** The 5th International Conference on Nonlinear Analysis and Convex Analysis (NACA2007), National Tsing Hua University, Hsinchu, Taiwan. Member, International Program Committee, and a session chair. Invited Talk: *A survey on fixed point theorems in generalized convex spaces*
- 2007. 6. 21-23** First Korea-Slovenia International Conference on Combinatorial and Computational Mathematics, Koper, Slovenia. Invited Talk: *Recent results and conjectures in analytical fixed point theory.*
- 2007. 6. 24 - 7. 4** Visited Slovenia (Koper, Bled, Ljubliana), Croatia (Zagreb), Bulgaria (Sophia), Rumania (Bukreshiti), and Serbia (Belgrad, Novi Sad).
- 2007. 6. 29 - 7. 2** Visited University of Novi Sad and gave a talk with the above title.
- 2007. 7. 16-22** The 8th International Conference on Fixed Point Theory and Its Applications, Chiang Mai University, Chiang Mai, Thailand. Member, Scientific Committee. Invited Plenary Talk: *Generalizations of the Himmelberg fixed point theorem.*
- 2007. 7. 25-29** The 9th International Conference on Nonlinear Functional Analysis and Its Applications, Kyungnam University and Gyeongsang National University, Masan and Chinju, Korea. International Advisory Committee Member and Session Chairs. Invited Plenary Talks: (1) *Recent results and conjectures in analytical fixed point theory.* (2) *Generalized convex spaces, L-spaces, and FC-spaces.*
- 2007. 9. 3-5** RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University. Invited Talk: *A survey on fixed point theorems in generalized convex spaces, II.*
- 2007. 10. 31** Since 2000, have had (more than) 59 citations to our article *Foundations of the KKM theory on generalized convex spaces*. This means that the number of citations this article received places it in the top 1% within mathematics according to *Essential Science Indicators*<sup>SM</sup>.

- 2007. 11. 21-22** Participated the ICSU (International Council for Science) Regional Consultation on Science Plans, Centara Duangtawan Hotel, Chiang Mai, Thailand. After this conference, had short visits to Laos and Miyamma nearby the Golden Triangle.
- 2008. 9. 1-3** RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University. The first invited talk: *A brief history of the KKM theory*; A session chair.
- 2008. 9. 4-13** Visited the East and Middle Part of Japan (Kyoto, Atami, Sendai, Matsushima, Aomori, Hakodate, Morioka, Nagoya, Hiroshima, Kurashiki, Matsue, Izumo, Okayama).
- 2008. 9. 14-18** Asian Conference on Nonlinear Analysis and Optimization (NAO-Asia2008) at Kunibiki Messe, Matsue City, Japan. The first keynote speaker: *Characterizations of the KKM spaces*. Member, Scientific Committee; a session chair.
- 2008. 12. 19-21** National Conference on History of Mathematics (Organized by Indian Society for History of Mathematics and Manipur University), Imphal, India. Invited Paper: *From Simplices to KKM Spaces — A brief history of the KKM theory*.
- 2009. 2. 9-11** Inter. Symp. on Nonlinear Analysis and Optimization (ISNAO2009), Pukyong National University, Busan, Korea. Opening Remark. A session chair. The First Invited Lecture: *From the KKM principle to the Nash equilibria*.
- 2009. 3. 27-31** The 6th International Conference on Nonlinear Analysis and Convex Analysis (NACA2009), Tokyo Institute of Technology. Member, Scientific Committee and International Program Committee, and a session chair. Keynote Speaker: *Some equilibrium problems on KKM spaces*.
- 2009. 5. 11** Korea-Australia Analysis Forum 2009 (KAAF2009), organized by the Korean Mathematical Society, at BEXCO, Busan. Session on Nonlinear Analysis. Talk: *From simplices to KKM spaces — A brief history of the KKM theory*.
- 2009. 6. 5-7** Participated the Indiana University International Alumni Conference and Reunion, The Sofitel and the Shilla Hotels, Seoul, Korea.
- 2009. 7. 11-15** Academia Sinica, Institute of Mathematics, Taipei, Taiwan. Visited.
- 2009. 7. 16-22** The 9th International Conference on Fixed Point Theory and Its Applications (ICFPTA2009), National Changhua University of Education, Changhua, Taiwan. Member,

Scientific Committee and International Program Committee. Session chairs. A Keynote Speaker: *Fixed point theorems in the new era of the KKM theory.*

**2009. 7. 27-31** The 10th International Conference on Nonlinear Functional Analysis and Its Applications (NFAA2009), Kyungnam University and Gyeongsang National University, Masan and Jinju, Korea. International Advisory Committee Member and Session Chairs. Invited Plenary Talks: (1) *The rise and decline of generalized convex spaces.* (2) *Several episodes in recent studies on the KKM theory.*

**2009. 8. 31 - 9. 2** RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. A session chair. Invited talk: *A history of the Nash equilibrium theorems in the KKM theory.*

**2009. 9. 3-5** Niigata University, Niigata, Japan. Visited.

**2009. 9. 3** Niigata Optimization Meeting. Invited Lecture: *From simplices to KKM spaces — A brief history of the KKM theory.*

**2009. 9. 4** Workshop on Niigata University International Exchange Program. Participated.

**2009. 11. 24** Member, Editorial Board, J. Nonlinear Analysis and Optimization (JNAO), Thailand.

**2010. 2. 5-7** Inter. Symp. on Nonlinear Analysis and Optimization (ISNAO2010), Pukyong National University, Busan, Korea. Opening Remark. A session chair. The First Invited Lecture: *The fixed point method versus the KKM method*

**2010. 2. 21 - 3. 22** Travel: South America (6 Countries) and L.A.

**2010. 6. 28-30** The 4th Inter. Conf. on Game Theory and Management, St. Petersburg State University, Russia. The first session chair. Talk: *The fixed point method versus the KKM method*

**2010. 6. 30 - 7. 9** Train trip from St. Petersburg – Moscow – Trans-Siberia Railway – Vladivostok [Nine days, Eight nights]. Flew back to Seoul.

**2010. 7. 16-19** The 4th Inter. Conf. on Fixed Point Theory, Variational Inequality and Its Approximation Algorithms, Chengdu, China. Co-Chairman, Scientific Committee.

- 2010. 8. 30 - 9. 1** RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. A session chair. Invited talk: *A history of the Nash equilibrium theorems in the fixed point theory.*
- 2010. 9. 9-12** The 2nd Asian Conference on Nonlinear Analysis and Optimization (NAO-Asia 2010), Phuket, Thailand. Member, Scientific Committee. A session chair. A Keynote Speaker: *A genesis of general KKM theorems for abstract convex spaces.*
- 2010. 9.** The Hindawi Publishing Cooperation announces that one of its journals "Fixed Point Theory and Applications" will publish a "Special Issue on S. Park's Contribution to the Development of Fixed Point Theory and KKM theory" on Sept. 1, 2011 with the Guest Editors M. A. Khamsi, Y. J. Cho, and J. K. Kim.
- 2011. 2. 11-13** Inter. Symp. on Nonlinear Analysis and Optimization (ISNAO2011), Pukyong National University, Busan, Korea. Opening Remark. A session chair. The First Invited Lecture: *On some new Ky Fan type minimax inequalities in abstract convex spaces.*
- 2011. 05. 15-17** The Symposium on Schauder Conjecture and Fixed Point Theorems of Cauty, Kielce, Poland. Invited One Hour Lecture: "*Some General Fixed Point Theorems in Topological Vector Spaces*". For and after this Symposium, visited Paris, Warsaw, Kielce, Krakow, Praha, Budapest, Bratislava, Wien, and passed Zürich by train or plane.
- 2011. 8. 2-5** The 7th International Conference on Nonlinear Analysis and Convex Analysis (NACA2011), Pukyong National University, Busan, Korea. Member, Scientific Committee. Plenary Lecture: *On some new Ky Fan type minimax inequalities in abstract convex spaces.*
- 2011. 8. 29-31** 2011 RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. Invited talk: *Various forms of the Ky Fan minimax inequality in convex spaces.*
- 2011. 12. 20** A Springer Open Journal *Fixed Point Theory and Applications* (SCI Impact Factor 1.94) published "Special Issue on S. Park's Contribution to the Development of Fixed Point Theory and KKM Theory" containing 35 articles. One of them is: S. Park, *Applications of some basic theorems in the KKM theory*, Fixed Point Theory Appl. vol.2011:98 doi:10.1186/1687-1812-2011-98. On May 8, 2012, the Editorial Team noticed to the author that total accesses to this article since publication are 527.



- 2012. 2. 8-10** Inter. Symp. on Nonlinear Analysis and Optimization (ISNAO2012), Pukyong National University, Busan, Korea. Opening Remark. A session chair. Invited Lecture: *Remarks on marginally closed-valued KKM maps and related matters.*
- 2012. 6. 15-17** 2012 International Conference of the Honam Mathematical Society, Jeju National University, Jeju, Korea. Plenary Lecture: *Some General Fixed Point Theorems in Topological Vector Spaces.*
- 2012. 6. 25** Member, Editorial Board, Conference Papers in Mathematics, Hindawi Publ. Co.
- 2012. 7. 25-29** The International Conference 2012 on Mathematical Inequalities and Nonlinear Functional Analysis with Applications, Gyeongsang National University, Jinju, Korea. The First Plenary Speaker: *A review of recent studies on the KKM theory.* Another Talk: *A historical introduction to the KKM theory.* Member, International Advisory Committee. Session chairs.
- 2012. 8. 1** Member, Editorial Board, Abstract and Applied Analysis, Hindawi Publ. Co.
- 2012. 8. 29-31** 2012 RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. Invited talk: *Recent applications of the Fan-KKM theorem.* After this conference, visited Hiroshima and Miyajima.
- 2012. 9. 2-6** The 3rd Asian Conference on Nonlinear Analysis and Optimization (NAO-Asia 2012), Matsue, Japan. The First Keynote Speaker: *Recent applications of the generalized KKM theorems.* Member, Scientific Committee. A session chair. Opening and Closing Remarks.
- 2012. 12. 17** Member, Scientific Committee, International Conference on the Theory, Methods and Applications of Nonlinear Equations, December 17–21, 2012, Texas A&M University-Kingsville, Kingsville, TX 78363, USA.
- 2013. 1. 31 - 2. 2** Inter. Symp. on Nonlinear Analysis and Optimization (ISNAO2013), Pukyong National University, Busan, Korea. Opening Remark. A session chair. First Invited Lecture: *From simplices to KKM spaces — A brief history of the KKM theory.*
- 2013. 3. 12** A Springer Open Journal *Fixed Point Theory and Applications* published S. Park, *Evolution of the 1984 KKM theorem of Ky Fan*, Fixed Point Theory Appl. vol.2012,

2012:146. DOI:10.1186/1687-1812-2012-146 on 12 Sep 2012. On 12 March 2013, the Editorial Team noticed to the author that total accesses to this article since publication are 648.

- 2013. 7. 3 - 6** International Conference on Anatolian Communications in Nonlinear Analysis) [Abant Izzet Baysal University, Bolu, Turkey]. Gave one of the three plenary talks “*From Simplices to KKM Spaces – A brief history of the KKM theory*”. A session chair. Before this conference, visited several cities in Turkey.
- 2013. 9. 5** Member, Scientific Committee, The 11th International Conference on Fixed Point Theory and Applications) (ICFPTA) in July 2015 [at Galatasaray University, Istanbul, Turkey].
- 2013. 10. 9-11** 2013 RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. Invited talk: *Recollecting basic theorems of the KKM theory*. A session chair.
- 2013. 10. 12-13** The 3rd International Congress on Natural Sciences with Sisterhood Universities (ICNS2013) at Niigata University, Niigata, Japan. Invited talk: *From Simplices to KKM Spaces – A brief history of the KKM theory*. After this conference, visited Sado Ireland for two days.
- 2013. 10. 30** Member, Editorial Board, International J. of Mathematics and Computers in Simulation, Published by North Atlantic University Union (NAUN).
- 2013. 11. 2** Advisory Editor, Journal of Fixed Point Theory (JFPT), by SCIK Publishing Corporation, UK.
- 2013. 11. 30** Member, International Scientific Committee, the 1st WSEAS International Conference on PURE MATHEMATICS (PUMA '14), Tenerife, Spain, January 10-12, 2014.
- 2013. 12. 7** Member, Scientific Committee, the 2014 International Conference on Pure Mathematics - Applied Mathematics, Venice, Italy, March 15-17, 2014.
- 2014. 3. 31** Member, Scientific Committee, The 11th Inter. Conf. on Fixed Point Theory and Its Applications, Galatasaray Univ., Istanbul, Turkey, July 20-25, 2015.
- 2014. 6. 18-25** Tour to three Baltic countries and Russia via Uzbekistan.

- 2014. 7. 2** Member, Editorial Board, Journal of Applied Mathematics, Hindawi Publishers.
- 2014. 8. 1** Member, Scientific Committee, The 9th Inter. Conf. on Nonlinear and Convex Analysis, Jan. 19-23, 2015, Rimkok Resort Hotel, Chiang Rai, Thailand.
- 2014. 8. 5-9** Member, Scientific Committee, The Fourth Asian Conference on Nonlinear Analysis and Optimization (ICM Satellite Conference), National Taiwan Normal University, Taipei, Taiwan. Keynote Speech: *A unification of the Fan-Browder type alternatives*.
- 2014. 8. 13** Attended the Opening Ceremony of the Seoul ICM 2014 as the oldest former president of the Korean Mathematical Society (1982-84).
- 2014. 8. 19-21** 2014 RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. Invited talk: *Remarks on the concept of abstract convex spaces*. A session chair.
- 2014. 11. 22-30** Hawaiian Four Irelands Cruise.
- 2014. 12. 23-27** Yangtze River Cruise, Chongqin, China.
- 2015. 1. 21-25** The 9th International Conference on Nonlinear Analysis and Convex Analysis (NACA2015), Rimkok Resort Hotel, Chiang Rai, Thailand. Member, Scientific Committee. Keynote Lecture: *Recent Applications of Some Analytical Fixed Point Theorems*.
- 2015. 1. 27** Invited Two-hour Lecture: *KKM method and fixed point method*, Chulalongkon Univ., Bangkok, Thailand.
- 2015. 2. 11-13** Inter. Symp. on Nonlinear Analysis and Optimization (ISNAO2015), Pukyong National University, Busan, Korea. Opening Remark. Member, Scientific Committee. A session chair. First Invited Lecture: *Existence theorems for generalized Nash equilibrium problems*.
- 2015. 6. 1-15** Cruise for England, Ireland, Scotland and North Normandy.
- 2015. 9. 7-9** 2015 RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. Invited talk: *On the KKM theory of locally  $p$ -convex spaces*.
- 2015. 9. 10-12** The 4th International Congress on Natural Sciences, National Changhua University of Education, Changhua, TAIWAN. Plenary talk at Mathematics Section: *On some function spaces in the KKM theory*. Give a speech at the welcome party.

- 2015. 10. 26-30** Visit the Chinese Academy of Sciences via the exchange program with the National Academy of Sciences, ROK.
- 2015. 10. 27** Give an invited talk at the Mathematics Institute, CAS, with the title: *The KKM method and the fixed point method.*
- 2015. 10. 30 - 11. 6** Visit Beijing Jiaotong University.
- 2016. 6. 19-24** International Workshop on Fixed Point Theory and Applications (KIAS Open Research Station Program)(at Chonpook National Univ., Jeonju). One-Hour Invited Talk: *Forty Five Years with Fixed Point Theory.*
- 2016. 8. 1-6** Inter. Symp. on Nonlinear Analysis and Optimization (ISNAO2016), Niigata University, Niigata, Japan. Member, Scientific Committee. A Plenary Lecture: *On the Minimax Principle of Brezis-Nirenberg-Stampacchia.*
- 2016. 8. 31 - 9. 2** 2016 RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. A session chair. Invited talk: *The use of weak topologies in the KKM theory.*
- 2017. 2. 9-11** Inter. Symp. on Nonlinear Analysis and Optimization (ISNAO2017), Pukyong National University, Busan, Korea. Opening Remark. A session chair. Invited Lectures:
1. *70 Years History of the Korean Mathematical Society*
  2. *On the minimax inequality of Brezis-Nirenberg-Stampacchia*
- 2017. 7. 4-9** The 10th Anniversary: International Conference on Nonlinear Analysis and Convex Analysis (NACA2017), Chitose City Cultural Center, Hokkaido, Japan. Member, Scientific Committee; A session chair; Gave remarks at the opening and closing ceremonies; The First Keynote Lecture: *Panoramic view of the realm of Ky Fan's 1952 lemma.*
- 2017. 7. 24-28** Member, Scientific Committee, 12th Inter. Conf. on Fixed Point Theory and Its Application, at Newcastle, NSW, Australia
- 2017. 8. 30 - 9. 1** 2017 RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. Invited talk: *On multimap classes in the KKM theory.*
- 2017. 12. 21-25** Visited Hong Kong, Macau, and Shen-Zhang.

- 2018. 1. 7** Member, Honorary Editorial Board, Newly launched “Results in Nonlinear Analysis”, Turkey.
- 2018. 2. 21 - 3. 1** Guru Ghasidas University, Bilaspur, CG, India, visited.
- 2018. 2. 23-25** International Conference on Mathematical Sciences and Applications (ICMSA-2018), Guru Ghasidas University, Bilaspur, CG, India. The Opening Plenary Speech: *Forty Five Years with Fixed Point Theory*. Member, Advisory Committee. A session chair.
- 2018. 2. 26** A special “Impal” two-hour lecture: *A panoramic view of the KKM theory*, Department of Pure and Applied Mathematics, Guru Ghasidas University, Bilaspur, CG, India.
- 2018. 3. 1-3** All India Council for Technical Education, Dehli, and Taj Mahal, Agra, visited.
- 2018. 4. 15** Member, Scientific Committee, International Workshop on Nonlinear Analysis and its Applications (IWNAA), Granada University, Granada, Spain. July 7–9, 2018.
- 2018. 8. 6-8** Inter. Workshop 2018 on Nonlinear Analysis and Optimization (IWNAO2018), Pukyong National University, Busan, Korea. Opening Remark. A session chair. Invited Lectures: *Various examples of the KKM space*
- 2018. 8. 9** Member, Scientific Committee, International Workshop on Nonlinear Analysis and its Applications (IWNAA), Granada University, Granada, Spain. September, 2019.
- 2018. 8. 27-29** 2018 RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. Invited talk: *Applications of convex-valued KKM maps*.
- 2018. 9. 7** Opened homepage: [parksehie.com](http://parksehie.com)
- 2018. 9. 28** Member, Scientific Committee, International Joint Conference on Nonlinear Analysis and Convex Analysis–International Conference on Optimization Techniques and Applications (NACA-ICOTA2019), August 26–31, 2019, Hakodate (Hokkaido), Japan
- 2018. 11. 5-9** The 6th Asian Conference on Nonlinear Analysis and Optimization (NAO-Asia 2018), at OIST, Okinawa, Japan. A member of Scientific Committee. A session chair. A keynote talk: *KKM implies Hahn-Banach*.
- 2019. 9. 2-4** 2019 RIMS International Workshop on Nonlinear Analysis and Convex Analysis, Kyoto University, Kyoto, Japan. Invited talk: *Variational relation problems in abstract convex spaces*.

**2019. 9. 12-14** Member, Scientific Committee, International Workshop on Nonlinear Analysis and its Applications (IWNAA 2019), Bangsam, Chonburi, Thailand.

**2019. 10. 13-14** Workshops Chair, Organizing Committee, The 2019 Inter. Conf. on Mathematical Models and Appl., Athens, Greece

[2019. 4. 23.] According to MathSciNet of the American Mathematical Society, Sehie Park has 298 publications and is cited 1573 times by 426 authors.

[2019. 8. 20.] According to ResearchGate, Sehie Park has 406 Research items, 16,612 Reads, and 4,886 Citations.