

CURRICULUM VITAE

(last updated: September 01, 2026)

Meesoon Ha

Professor

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Research Interests

I am interested in the applications of statistical physics in terms of simple minimal model studies with essential features of complex systems. The below research topics are what I am currently involved in:

- Phase transitions: Finite-size scaling and universality class; Quantum & Stochastic thermodynamics
- Kinetic roughening and multifractality in thin film growth processes; Multiscale nature
- Nonequilibrium stochastic processes: Self-organized criticality; Synchronization
- Dynamics on and of complex networks: Epidemic process; Social contagion; Neuroscience
- Patterns and collective behavior in granular media and/or colloidal particle systems
- Random constraint satisfaction (NP-complete) problems: K-SAT and Q-COL
- Glass and jamming transitions with dynamic heterogeneity; Disordered systems; Econophysics

Professional Experience

- 2022.09. - 2024.08. Chairperson, Dept. of Physics Education, Chosun University
- 2022.03. - present Professor, Dept. of Physics Education, Chosun University
- 2019.08. - 2020.07. Visiting Associate Professor, Dept. of Physics, University of Washington
- 2017.03. - 2022.02. Associate Professor, Dept. of Physics Education, Chosun University
- 2017.03. - 2019.02. Chairperson, Dept. of Physics Education, Chosun University
- 2011.03. - 2017.02. Assistant Professor, Dept. of Physics Education, Chosun University
- 2007 - 2011 BK21 Research Professor, Dept. of Physics
Korea Advanced Institute of Science and Technology (KAIST)
- 2006 - present Associate Member, School of Physics, KIAS
- 2006 - 2007 Brain Korea 21 (BK21) Endowed Professor
Dept. of Physics, Chonbuk National University
- 2003 - 2006 Postdoctoral Research Fellow, School of Physics
Korea Institute for Advanced Study (KIAS)
- 1997 - 2003 RA and TA, Dept. of Physics, University of Washington, U.S.A.
- 1995 - 1996 Part-time Lecturer & Staff of General Physics Lab
- 1993 - 1995 Research Assistant (RA) and Teaching Assistant (TA)
Dept. of Physics, Korea University

Official Visits

- 2018 summer; 2014; 2013; 2012 Prof. Bae-Yeun Ha's group
Dept. of Physics and Astronomy, University of Waterloo, Waterloo, Canada
- 2024.08.02. - 10; 2023.02.13. - 20 ; 2019.02.06. - 14.; 2018.01.07. - 15.; 2017.01.21. - 27.;
2011.12.28. - 2012.01.20. Prof. Marcel den Nijs' group
Dept. of Physics and Astronomy, University of Washington, Seattle, U.S.A.
[see <http://faculty.washington.edu/london/index.html>]
- 2008.05.10. - 06.01. Nordic Institute for Theoretical Physics, Stockholm, Sweden
"Physics of Distributed Information Systems" (PhysDIS) program and workshop
[see <http://agenda.albanova.se/conferenceDisplay.py?confId=296>]
- 2006.11.06. - 12.01. Prof. M. Paczuski's complexity science group
Dept. of Physics and Astronomy, University of Calgary, Calgary, Canada
[see <http://www.ucalgary.ca/complexity/people/faculty/maya>]
- 2002.12.23. - 2003.01.23. Prof. H. Park's group, School of Physics, KIAS, Korea

Education

- 1997 - 2003 Ph.D. in Physics at the University of Washington, Seattle, U.S.A.
Specialty: Condensed-Matter Theory and Statistical Physics; Ph.D. dissertation with Prof. Marcel den Nijs
"Scaling and phase transitions in 1D nonequilibrium driven systems"
- 1993 - 1995 M.S. in Physics at Korea University, Seoul, Korea
Specialty: Statistical Physics; M.S. thesis with Prof. In-mook Kim and Prof. Hyunggyu Park
"Dynamic properties of one-dimensional nonequilibrium interfaces"
- 1989 - 1993 B.S. in Physics at Inha University, Incheon, Korea

Awards and Honors

- 2025.04.30. Plaque of Appreciation for NPSM Editor (2016 - 2025), KPS
- Award for the Best Teacher (ABT) for 2019-1, 2020-2, 2021-1,2, 2025 at EIC, Chosun University
- 2017.02.23. Best Professor for Class Evaluation in College of Education, Chosun University
- 2016.02.15. & 10.14. ACE Best Teacher at Fall 2015 & Spring 2016, Chosun University
- 2010.09.28. "Marquis Who's Who in the World 2011 (28th edition)" Selection & Inclusion
- 2010.04.21. Yong-Bong Prize (under 40-year-old stat. physicist) at Korean Physical Society
- 2001 Full scholarship at International Summer School (FPSPX), Altenberg, Germany
- 1994.03.26. & 09.10. Baekwoon private fellowships at Korea University, Seoul, Korea
- 1990 - 1992 Honor student scholarships at Inha University, Incheon, Korea

Professional Memberships and Activities

- Chairperson, Dept. of Physics Education at CSU, March 2017 - February 2019; September 2022 - August, 2024
- Editor, PHYSICS & HIGH TECHNOLOGY, May 2021 - present; NPSM (KPS), May 2016 - April 2025
- Appointed Admission Interviewer at Chosun University (CSU), 2013 - 2019; 2024 ~ present
- Member of Local Organizing Committee, STATPHYS 25, July 22 - 26, 2013
- Reviewer, National Research Foundation (NRF - Korea) proposal since 2010
- Appointed Admission Interviewer at KAIST, 2009 & 2010
- Referee, PRR since 2026; NPSM, JKPS, PRL, PRE since 2007; JSTAT since 2008; CEJP, Phys. Lett. A, EPL since 2010; EPJB, JPA since 2015; Scientific Report since 2016; Aerospace and Sustainability since 2018
- Reviewer, National Science Foundation (NSF - U.S.A.) proposal since 2007
- Member, Molecular Dynamics simulation Research Group (MDRG), 2007
- Member, 2030 Kangwon Frontier Brain (youngman) Group since 2007
- Member, The APS since 1997 (NW section, 1998), The KPS since 1994 (Division of SP, 2003)
- Mentor, 1st year physics graduate students at the University of Washington (UW), 2002 - 2003
- Volunteer and member, The CDO for Physicists and Astronomers at the UW, 2001 - 2003

Grants

- * National Research Foundation (NRF) of Korea, Grant funded by the Korean government
Core Research - type A for 5 years (2026/03 - 2031/02); *Senior Researchers* for 5 years (2020/03 - 2025/02);
Qualified Scientists in Local Universities for 3+3 years (2014/06 - 2020/05);
Female Scientists - since May 2011 for 3 years (2011/05 - 2014/04).
- * Chosun University Research Fund (2025/10-2026/09; 2024/10 - 2025/09, 2020; 2019; 2018; 2013; 2011)

Computer Skills

- Extensive knowledge: Unix, Linux, Windows/OS2, C/C++, LaTeX, Gnuplot, Xfig, Overleaf
- Working knowledge: Mathematica, Origin, Fortran, HTML, MacOS, MS Office, ZOOM
- Familiar with: MatLab, Maple, Photoshop, Xmgrace, Python, Julia, Colab, Jupyter, OBS

Personal Data

- Date and Place of Birth: December 07, 1970, Seoul, Korea (ROK)
- Languages: Fluent in Korean and American English ● Marital status: Married, One child

List of Publications

(last updated: September 01, 2026)

Journal articles, preprints, and in preparation

(in preparation)

[58] "Scaling analysis in range expansion of epidemic processes",
M. Ha (in preparation)

[57] "Role of initial conditions in dynamic scaling analysis of synchronization",
W. Kwak, C. Choi, and M. Ha (in preparation)

(to be submitted soon)

[56] "Inertial effect on synchronization of globally coupled oscillators",
C. Choi and M. Ha (to be submitted)

[55] "Dynamic crossover of Ising spins coupled to nonlinear growth",
Y. Baek, M. Ha, H. Park, and M. den Nijs (to be submitted)

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[54] "Percolation transitions in spatial multiplex networks with long-range links",
G. Son, M. Ha, and H. Jeong (to be submitted)

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[53] "Scaling properties in diffusive epidemic processes with relative bias",
M. Ha (to be submitted)

[52] "Spatio-temporal Pattern Analysis of Epidemic Processes with Temporal Feedbacks",
M. Ha (to be submitted)

(submitted/accepted)

[51] "Impact of capacity volatility and input substitutability on supply chain resilience"
J. Hur, J. Jang, M. Ha, and H. Jeong (arXiv:2606.06874v1; submitted to PRE; under review)

(published journal articles)

[50] "Role of volatility mixing in wealth condensation transition"
J. Hur, M. Ha, and H. Jeong [Physical Review E **114**, 024315 (2026)]

[49] "Anomaly, class division, and decoupling in income dynamics"
J. Hur, M. Ha, and H. Jeong [Physical Review E **113**, 054305 (2026)]

[48] "Semantic Network Analysis of Achievement Standards in Physics of 2022 Revised Curriculum"
J. Seo, J. Cho, S. Han, and M. Ha [New Physics: Sae Mulli **74**, 944 (2024)]

[47] "Interplay of network structure and talent configuration on wealth dynamics"
J. Hur, M. Ha, and H. Jeong [Physical Review E **110**, 024312 (2024)]

[46] "Hidden multiscale organization and robustness of real multiplex networks",
G. Son, M. Ha, and H. Jeong [Physical Review E **109**, 024301 (2024)]

[45] "Scaling Relations between Regional School-age Population Density and Densities of College
Departments and Students by Majors" (written in Korean),
J. Seo, G. Gim, S. Kim, M. Ha, and S.H. Lee [New Physics: Sae Mulli **73**, 853 (2023)]

Selected Highlight Paper

[44] "Quantumness and thermodynamic uncertainty relation of the finite-time Otto engine",
S. Lee, M. Ha, and H. Jeong [Physical Review E **103**, 022136 (2021)]

[43] "Driven Contact Process with Temporal Feedback",
M. Ha [New Physics: Sae Mulli **70**, 613 (2020)]

[42] "Finite-time quantum Otto engine: Surpassing the quasi-static efficiency due to friction",
S. Lee, M. Ha, J.-M. Park, and H. Jeong [Physical Review E **101**, 022127 (2020)]

[41] "Passive tracer dynamics in slow-bond problem",
H. Soh, and M. Ha [Journal of Statistical Mechanics (2019) P09409]

- [40] "Impact on temporal connectivity patterns in epidemic process",
H. Kim, M. Ha, and H. Jeong [Eur. Phys. J. B **91**, 161 (2019)]
- [39] "Critical Phenomena in Generalized Epidemic Process",
M. Ha [New Physics: Sae Mulli **69**, 649 (2019)]
- [38] "Effect of Thermal Noise on Conserved Lattice Gas",
W. Kwak and M. Ha [Journal of the Korean Physical Society **74**, 918 (2019)]
- [37] "Role of hubs in the synergistic spread of behavior",
Y. Baek, K. Chung, M. Ha, H. Jeong, and D. Kim [Physical Review E **99**, 020301(R) (2019)]
- [36] "Dynamic topologies of activity-driven temporal networks with memory",
H. Kim, M. Ha, and H. Jeong [Physical Review E **97**, 062148 (2018)]
- [35] "Role of Cutoff Scaling in Scale-Free Networks",
M. Ha [New Physics: Sae Mulli **68**, 563 (2018)]
- [34] "Jamming and condensation in one-dimensional driven flow",
H. Soh, M. Ha, and H. Jeong [Physical Review E **97**, 032120 (2018)]
- [33] "Finite-Size Scaling in q -Coloring Problems",
M. Ha [New Physics: Sae Mulli **67**, 1023 (2017)]
- [32] "Effects of a local defect on one-dimensional nonlinear surface growth",
H. Soh, Y. Baek, M. Ha, and H. Jeong [Physical Review E **95**, 042123 (2017)]
- [31] "Generalized Conserved Lattice Gas on Random Networks",
W. Kwak, S. Park, and M. Ha [New Physics: Sae Mulli **66**, 1210 (2016)]
- [30] "Universality classes of generalized epidemic process on random networks",
K. Chung, Y. Baek, M. Ha, H. Jeong [Physical Review E **93**, 052304 (2016)]
- [29] "Scaling properties in time-varying networks with memory",
H. Kim, M. Ha, and H. Jeong [Eur. Phys. J. B **88**, 315 (2015)]
- [28] "Spatial Correlations and Extended Self-Similarity Properties in Sandpiles",
M. Ha [New Physics: Sae Mulli **65**, 1009 (2015)]
- Selected Highlight Paper*
- [27] "Effects of junctional correlations in the TASEP on random regular networks",
Y. Baek, M. Ha, and H. Jeong [Physical Review E **90**, 062111 (2014)]
- [26] "Dynamic Scaling Analysis of Critical Behaviors in Nonequilibrium Processes",
M. Ha [New Physics: Sae Mulli **64**, 819 (2014)]
- [25] "Generalized epidemic process on modular networks",
K. Chung, Y. Baek, D. Kim, M. Ha, and H. Jeong [Physical Review E **89**, 052811 (2014)]
- [24] "Expansion dynamics of a self-avoiding polymer in a cylindrical pore",
Y. Jung, C. Jeon, M. Ha, and B. Ha [EPL, **104** (2013) 68003]
- [23] "Extended finite-size scaling of synchronized coupled oscillators",
C. Choi, M. Ha, and B. Kahng [Physical Review E **88**, 032126 (2013)]
- [22] "Stochastic Local Search in Random Constraint Satisfaction Problems",
M. Ha [New Physics: Sae Mulli **63**, 995 (2013)]
- [21] "Impact of sequential disorder on the scaling behavior of airplane boarding time",
Y. Baek, M. Ha, and H. Jeong [Physical Review E **87**, 052803 (2013)]
- [20] "Numerical Study of Synchronization in the Kuramoto Model with Finite Inertia",
C. Choi and M. Ha [New Physics: Sae Mulli **62**, 958 (2012)]
- Selected Highlight Paper*
- [19] "Fundamental Structural Constraint of Random Scale-Free Networks",
Y. Baek, D. Kim, M. Ha, and H. Jeong [Physical Review Letters **109**, 118701 (2012)]
- [18] "Kinetic roughening in polymer thin film growth",
M. Ha [Physics Procedia **64** (2012) pp. 44-48]
- [17] "Absorbing states of zero-temperature Glauber dynamics in random networks",
Y. Baek, M. Ha, and H. Jeong [Physical Review E **85**, 031123 (2012)]
- [16] "Effect of Blockage on Driven Flow with Periodic Boundary Conditions",
M. Ha [New Physics: Sae Mulli **61**, 909 (2011)]

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- [15] "Finite-size scaling in random K -satisfiability problems (K-SAT)",
S.H. Lee, M. Ha, C. Jeon and H. Jeong [Physical Review E **82**, 061109 (2010)]
- [14] "Universality classes and crossover behaviors in non-Abelian directed sandpiles",
H.-H. Jo and M. Ha [Physical Review E **82**, 041101 (2010)]
- [13] "Critical behavior of Ising model in annealed scale-free networks",
S.H. Lee, M. Ha, H. Jeong, J.D. Noh, and H. Park [Physical Review E **80**, 051127 (2009)]
- [12] "Instability transitions and ensemble equivalence in diffusive flow",
M. Ha [Central European Journal of Physics **7**, 575 (2009)]
- [11] "Anomalous scaling behavior in polymer thin film growth by vapor deposition",
S.-W. Son, M. Ha, and H. Jeong [Journal of Statistical Mechanics (2009) P02031]
- [10] "Relevance of Abelian Symmetry and Stochasticity in Directed Sandpiles",
H.-H. Jo, and M. Ha [Physical Review Letters **101**, 218001 (2008)]
- [9] "Boundary-induced abrupt transition in the symmetric exclusion process",
A.Nagar, M. Ha, and H. Park [Physical Review E **77**, 061118 (2008)]
- [8] "Dynamic instability transitions in 1D driven diffusive flow with nonlocal hopping",
M. Ha, H. Park, and M. den Nijs [Physical Review E **75**, 061131 (2007)]
- [7] "Finite-Size Scaling in Complex Networks",
H. Hong, M. Ha, and H. Park [Physical Review Letters **98**, 258701 (2007)]
- [6] Comment on "Non-Mean-Field Behavior of the Contact Process on Scale-Free Networks",
M. Ha, H. Hong, and H. Park [Physical Review Letters **98**, 029801 (2007)]
Virtual Journal of Biological Physics Research 13, issue 2 (2007).

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- [5] "Queuing transitions in the asymmetric simple exclusion process",
M. Ha, J. Timonen, and M. den Nijs [Physical Review E **68**, 056122 (2003)]
- [4] "Effect of a columnar defect on the shape of slow-combustion fronts",
M. Myllys, J. Maunuksela, J. Merikoski, J. Timonen, V.K. Horváth, M. Ha, and M. den Nijs
[Physical Review E **68**, 051103 (2003)]
- [3] "Macroscopic car condensation in a parking garage",
M. Ha, and M. den Nijs [Physical Review E **66**, 036118 (2002)]
- [2] "Particle dynamics in a mass-conserving coalescence process",
M. Ha, H. Park, and M. den Nijs [Journal of Physics A **32**, L495 (1999)]
- [1] "Exact solutions of a restricted ballistic deposition model on a 1D staircase",
H. Park, M. Ha, and I.-M. Kim [Physical Review E **51**, 1047 (1995)]

Unpublished Projects (Pj) & Preprints (Pp)

- [Pj2] "Population dynamics of free antimicrobial peptides (AMPs) and growing bacteria",
M. Ha, Y. Jung, and B.-Y. Ha
- [Pj1] "Universality class of (2+1)-d polymer thin film growth by vapor deposition",
S.-W. Son, M. Ha, I.J. Lee, and H. Jeong
- (in revision/pending)
- [Pp3] Comment on "Fluctuation theorem for hidden entropy production",
Y. Baek, M. Ha, H. Jeong, and H. Park (in revision; arXiv:1402.1235v3)
- [Pp2] "Nonlinear stability of phase-locked states for the Kuramoto model with finite inertia",
Y.-P. Choi, C. Choi, M. Ha, S.-Y. Ha (in revision; arXiv:1112.2763v1)
- [Pp1] "Role of power-law type long-term memory in the contact process",
M. Ha, S. Kwon, H.S. Park, and H. Park (KIAS preprint)

List of Presentations

(last updated: September 01, 2026)

International: Invited & Contributed Talks

(46 international talk only shown here)

46. The 11th KIAS Conference on Statistical Physics (NSPCS 2026) at KIAS, Seoul, Korea
[07/20-23, 2016]:
“Dynamics of a local defect in 1D driven flow: Interplay of jamming, condensation, and tracer diffusion”.
45. International Workshop: Efficient Numerical Analysis in Complex Science at MPI-PKS, Dresden, Germany
[05/19-23, 2025]: “Quasi Long-range Order and Local Faceting in 1D Surface”.
44. KIAS-KU International Workshop: Theoretical Challenges in Network Science at KIAS, Seoul, Korea
[11/04-08, 2024 (invited)]: “Revisited Finite-Size Scaling of Random Constraint Satisfaction Problems”.
43. STATPHYS28 at University of Tokyo, Tokyo, Japan
[08/07-11, 2023]: “Quasi-long-range order and local faceting during interface growth”.
42. The 15th Asia Pacific Physics Conference (APPC15): Online Conference
[08/21-26, 2022]: “Growing Interfaces coupled with Ising spin dynamics”.
41. International Workshop on Multiplex Brain Networks
(Korea-Canada Cooperative Development Workshop 2022) at Univ. of Calgary and the BIRS, Banff, Canada
[04/21-24, 2022 (invited)]: “Scaling properties of activity-driven temporal networks with memory”.
40. Non-equilibrium Collective Phenomena (NCP 2021) Workshop
at Gyeongju Hilton, Gyeongju, Korea
[09/27-10/01, 2021]: “Role of Diffusion and Temporal Feedback in Epidemic Processes”.
39. Roles of heterogeneity in non-equilibrium collective dynamics (RHINO 2021)
at Pohang International Center, Pohang, Korea
[08/17-19, 2021]: “Epidemic Process with Temporal Feedbacks”.
38. Power-net 2021: Complex network approaches towards stable power grids:
Online ZOOM Satellite Meeting on NETWORKS 2021 via WHOVA
[07/01, 2021]: “Dynamic scaling of synchronization transitions in Kuramoto oscillators”.
37. APCTP Workshop: Roles of Heterogeneity in Non-equilibrium collective dynamics (RHINO 2019)
at APCTP Headquarter, Pohang, Korea [07/15-17, 2019]: “Role of Heterogeneity in epidemic processes”.
36. XXVI Sitges Conference on Statistical Mechanics: New Trends in Statistical Physics
(50th years of the Sitges Conference) at Hotel Calipolis, Sitges, Sweden
[05/27-31, 2019]: “Mixed-Order Transitions in the GEP”.
35. The 7th International Conference on Complex Networks and Their Applications: COMPLEX NETWORKS 2018
at University of Cambridge, Cambridge, United Kingdom
[12/11-13, 2018]: “Interplay of hubs and cooperation in social contagion”.
34. New Trends in Nonequilibrium Statistical Mechanics: Classical and Quantum Systems (nesmcq18)
at Ettore Majorana Centre for Scientific Culture, Erice, Italy
[07/23-21, 2018]: “Role of Localized Defect in 1D Driven Diffusive Flow”.
33. The 8th KIAS Conference on Statistical Physics (NSPCS 2018) at KIAS, Seoul, Korea
[07/09-12, 2018]: “Universal Properties of Complex Contagions”.
32. BIFI International Conference 2018: Complexity, Networks, and Collective Behavior
at Patio de la Infanta, Zaragoza, Spain
[02/06-08, 2018]: “Role of Structural Heterogeneity in Generalized Epidemic Process”.
31. The 9th International Conference of Nonlinear Science: Dynamic Days Asia Pacific 9 (DDAP9)
at Hong Kong Baptist University, Hong Kong, China
[12/14-17, 2016]: “Relevance of columnar defect in KPZ growing interface”.
30. STATPHYS26 at Lyon, France
[07/18-22, 2016]: “Cooperative Effects on Epidemic Dynamics”.
29. The 7th KIAS Conference on Statistical Physics (NSPCS 2016) at KIAS, Seoul, Korea
[07/04-07, 2016]: “Role of Bias in Generalized Contact Process”.
28. International School and Conference on Networks Science (NetSci 2016) at K-Hotel, Seoul, Korea
[05/30-06/03, 2016]: “Dynamic Scaling in Synchronization of Coupled Oscillators on Complex Networks”

27. DYCOS15 - International Workshop on Dynamics of Coupled Oscillators:
40 years of the Kuramoto Model at MPIPKS, Dresden, Germany
[07/27-31, 2015]: "Dynamic scaling and universality class in synchronization".
26. The 113th Statistical Mechanics Conference at Rutgers University, New Brunswick, NJ, U.S.A.
[05/10-12, 2015]: "Universality Class of GEP on Modular Networks" (short talk).
25. STATPHYS25 at Seoul Natopnal University, Seoul, Korea
[07/22-26, 2013]: "Dynamic finite-size scaling and universality issues in synchronization".
24. Patterns & waves in populations of cells and active particles:
Satellite Meeting of STATPHYS25 at Korea University, Seoul
[07/19-20, 2013]: "Time Evolution of Phase Synchronization in Coupled Oscillators".
23. The APS 2013 March Meeting, Baltimore, MD, U.S.A.
[03/18-22, 2013]: "Dynamic Scaling of Synchronization in Kuramoto-type Globally Coupled Oscillators".
22. Workshop on the Open Problems of the Glass Transition and Related Topics,
Kyushu University Nishi-Jin Plaza, Fukuoka, Japan
[12/16-20, 2012]: "Glassy Behaviors in Random Constraint Satisfaction Problems".
21. The 7th International Conference of Nonlinear Science: Dynamic Days Asia Pacific 7 (DDAP7)
and the 11th Taiwan International Symposium on Statistical Physics at Academia Sinica, Taipei, Taiwan
[08/06-09, 2012]: "Applications of Absorbing Phase Transitions in Random Networks".
20. 2012 - 25th Annual Workshop of Center for Simulation Physics at University of Georgia:
Recent Developments in Computer Simulation Studies in Condensed Matter Physics, Athens, GA, U.S.A.
[02/20-24, 2012]: "Kinetic Roughening in Polymer Thin Film Growth".
19. Feza Gürsey Institute - Imperial College
International Summer School and research workshop on Complexity, Istanbul, Turkey
[09/05-10, 2011]: "Q-Coloring Problems in Complex Networks".
18. The 105th Statistical Mechanics Conference at Rutgers University, New Brunswick, NJ, U.S.A.
[05/08-10, 2011]: "Contact Process with Long-term Memory and Branching Bias" (short talk).
17. APCTP Workshop on Current Progress of Simulations in Complex Systems
at APCTP headquarters, Pohang, Korea
[11/15-17, 2010 (invited)]: "Critical Behaviors of Stochastic-Local-Search Algorithms in Random CSPs".
16. The 4th KIAS Conference on Statistical Physics (NSPCS 2010):
Satellite Meeting of STATPHYS24 at KIAS, Seoul, Korea
[07/26-29, 2010]: "Finite-Size Effects on Critical Behaviors in Random K-SAT".
15. STATPHYS24 at Convention Center, Cairns, Australia
[07/18-23, 2010]: "Universality Class of Polymer Thin Film Growth in (1+1) and (2+1) dimensions".
14. New Frontiers in Complex Networks (NFCN 2010): STATPHYS24 satellite meeting at SNU, Seoul, Korea
[07/12-16, 2010 (invited)]: "Critical behaviors in random constraint satisfaction problems".
13. International Workshop on Statistical Physics and Computer Science (SPCS 2010):
Satellite Meeting of STATPHYS24 at KITPC, Beijing, China
[07/08-11, 2010]: "Phase transitions and critical behaviors in random k-satisfiability problems".
12. The APS 2010 March Meeting, Portland, OR, U.S.A.
[03/15-19, 2010]: "Finite-Size Scaling (FSS) in Random K-Satisfiability Problems (K-SAT)".
11. APCTP Symposium on Fields of Special Interests in Theoretical Physics
at APCTP Headquarters, Pohang
[11/30-12/01, 2009 (invited)]: "Critical Phenomena in Critical Phenomena: Universality Perspective".
10. The 6th APCTP-KIAS Winter School on Statistical Physics at POSCO International Center, POSTECH, Pohang
[02/04-06, 2009 (invited)]:
"Why is Asymmetric Simple Exclusion Process still so popular? Not a just toy model?".
9. International Conference on Complex Networks: *The Past 10 Years and Future* at SNU, Seoul
[12/19-22, 2008]: "Numerical Study of Statistical Models on Scale-Free Networks with Size-Dependent Cutoff".
8. The 5th International Conference of Nonlinear Science: Dynamic Days Asia Pacific 5 (DDAP5)
at Nara Prefectural New Public Hall, Nara, Japan
[09/09-12, 2008]: "Anomalous scaling behavior in polymer thin film growth".
7. SigmaPhi2008 at Orthodox Academy of Crete, Kolympari-Chania, Greece
[07/14-18, 2008]: "Instability transition and ensemble equivalence in diffusive flow".
6. The "Physics in Distributed Information Systems" (PhysDIS) workshop at NORDITA, Stockholm, Sweden
[05/15-17, 2008 (invited talk)]: "FSS in complex networks".

5. The 10th Asia Pacific Physics Conference (APPC10) at POSCO International Center, POSTECH, Pohang, Korea [08/21-24, 2007]: “Dynamic behavior of 1D driven diffusive flow with nonlocal hopping”.
4. The 4th International Conference of Nonlinear Science: Dynamic Days Asia Pacific 4 (DDAP4) at POSTECH, Pohang, Korea [07/12-14, 2006]: “FSS in complex networks”.
3. The 2nd KIAS Conference on Statistical Physics (NSPCS06) at KIAS, Seoul, Korea [07/03-06, 2006 (invited)]: “FSS in complex networks”.
2. The 89th Statistical Mechanics Conference at Rutgers University, New Brunswick, NJ, U.S.A. [05/18-20, 2003]: “Queuing transitions in 1D drive flow due to an obstruction” (short talk).
1. The APS 2001 March Meeting, Seattle, WA, U.S.A. [03/12-16, 2001]: “Dynamic analogue of Bose condensation in a traffic model with a parking garage”.

Domestic: Invited & Contributed Talks

(43 domestic talk only shown here)

43. Gwangju-Chonnam KPS 2023 Annual Meeting at Chonnam National University, Gwangju, Korea [12/15, 2023]: “Universal Scaling in Temporal Synchronization”.
42. G-Fair Special Session at Gwangju, Chonnam National University, Korea [11/15, 2023]: “Scaling Analysis of Higher Education Disparity in Korea”.
41. The KPS 2021 Fall Virtual Meeting, Korea [10/20-22, 2021]: “Dynamic Scaling of Growing Interfaces coupled with Ising spin dynamics”.
40. The KPS 2020 Fall Virtual Meeting, Korea [11/04-06, 2020]: “Universal scaling behaviors of epidemic models near the criticality”.
39. STATPHYS Monthly Meeting sponsored by APCTP Topical Program on “Statistical Physics of Disordered, Non-equilibrium and Complex Systems” at KIAS, Seoul, Korea [05/18, 2019]: “Phase Transitions and/or Crossover Scaling Behaviors”.
38. Gwangju-Chonnam KPS 2018 Annual Meeting at Chonnam National University, Gwangju, Korea [12/20, 2018 (invited)]: “Mixed-Order Transitions in Spread of Behavior”.
37. The KPS 2018 Fall Meeting at CECO, Changwon, Korea [10/24-26, 2018 (invited)]: “Effects of the threshold for cooperation on social contagions”.
36. The KPS 2018 Spring Meeting at DCC, Daejeon, Korea [04/25-27, 2018]: “Cutoff-dependent finite-size scaling in scale-free networks”.
35. Gwangju-Chonnam KPS 2017 Annual Meeting at Chonnam National University, Gwangju, Korea [12/21, 2017]: “Dynamic Scaling in Activity-Driven Temporal Networks”.
34. STATPHYS Monthly Meeting sponsored by APCTP Topical Program on “Statistical Physics of Disordered, Non-equilibrium and Complex Systems” at KIAS, Seoul, Korea [12/09, 2017]: “Particle-jamming and hole-condensation in 1D driven flow”.
33. The KPS 2017 Spring Meeting at DCC, Daejeon, Korea [04/19-21, 2017]: “Finite-size scaling of the slow-bond problem of TASEP”.
32. Gwangju-Chonnam KPS 2015 Annual Meeting at Chosun University, Gwangju, Korea [12/22, 2015 (invited)]: “Extended Finite-Size Scaling in Epidemic Models”.
31. The KPS 2015 Fall Meeting at HICO, Gyeongju, Korea [10/21-23, 2015]: “Generalized Epidemic Process on Scale-Free Networks” (designated speaker).
30. Gwangju-Chonnam KPS 2014 Annual Meeting at Chonnam National University, Gwangju, Korea [12/23, 2014]: “Phase Transitions in Generalized Epidemic Process”.
29. The KPS 2014 Fall Meeting at KDJCC, Gwangju, Korea [10/22-24, 2014]: “Finite-Size Scaling in the KPZ-related Sign Phase Transition”.
28. STATPHYS Monthly Meeting sponsored by APCTP Topical Program on “Statistical Physics of Disordered, Non-equilibrium and Complex Systems” at KIAS, Seoul, Korea [06/21, 2014]: “Role of Disorder in Critical Behaviors of Nonequilibrium Processes”.
27. The 4th Workshop on Non-Equilibrium Fluctuation Theorem at SEACLOUD Hotel, Busan, Korea [01/12-14, 2014]: Review on “Entropy production and fluctuation relations for a KPZ interface”.
26. Gwangju-Chonnam KPS 2013 Annual Meeting at Chonnam National University, Gwangju, Korea [12/17, 2013]: “Dynamic Scaling in Polymer Thin Film Growth”.

25. The KPS 2013 Spring Meeting at DCC, Daejeon, Korea
[04/24-26, 2013]: “Dynamic Scaling in Time Evolution of Phase Synchronized Oscillators”.
24. Gwangju-Chonnam KPS 2012 Annual Meeting at Chosun University, Gwangju, Korea
[12/14, 2012 (invited)]: “How to Solve Random Constraint Satisfaction Problems using SLS Algorithms”.
23. The 2nd Workshop on Non-Equilibrium Fluctuation Theorems
at SEACLOUD Hotel, Busan, Korea
[05/18-19, 2012]: “Dynamic scaling of synchronized oscillation”.
22. The KPS 2012 Spring Meeting at DCC, Daejeon, Korea
[04/25-27, 2012]: “Totally Asymmetric Simple Exclusion Process with a Quenched Slow Bond”
21. Gwangju-Chonnam KPS 2011 Annual Meeting
at Chonnam National University, Gwangju, Korea
[12/16, 2011 (invited)]: “Synchronization Phase Transitions in Globally Coupled Oscillators”.
20. The KPS 2011 Fall Meeting at BEXCO, Busan, Korea
[10/19-21, 2011]: “Revisited Finite-Size Scaling in Complex Networks”.
19. The KPS 2011 Spring Meeting at DCC, Daejeon, Korea
[04/13-15, 2011 (invited)]: “Role of Memory in Contact Process”.
18. The KPS 2010 Fall Meeting at Phoenix Park, Pyeongchang, Korea
[10/20-22, 2010]: “Critical Behavior of Q-Coloring in Random Networks”.
17. The KPS 2010 Spring Meeting at DCC, Daejeon, Korea
[04/21-23, 2010 (invited, Yong-Bong Prize)]:
“Phase Transitions and Critical Behaviors in Random Constraint Satisfaction Problems”.
16. Winter School on Algorithms and Combinatorics 2010
at Hongik International Center, Chochiwon, Korea
[01/11-13, 2010]: “Finite-Size Scaling in Random k-Satisfiability Problems”.
15. The KPS 2009 Fall Meeting at CECO, Changwon, Korea
[10/22-23, 2009]: “Finite-Size Scaling in Random k-Satisfiability Problems”.
14. The 15th Workshop of STATPHYS 2009 at Konjiam Resort, Gwangju, Korea
[08/12-14, 2009]: “Intermittency studies and multifractality in (1+1)-d surface growth”.
13. The 24th MDRG Workshop at Mt. Jangtae Resort, Daejeon, Korea
[06/25-26, 2009]: “Anomalous scaling behavior in polymer thin film growth by vapor deposition”.
12. The KPS 2009 Spring Meeting at DCC, Daejeon, Korea
[04/23-24, 2009]: “Critical behavior of Ising model in annealed SFNs”.
11. The KPS 2008 Fall Meeting at KimDaeJung Convention Center, Gwangju, Korea
[10/23-24, 2008]: “Driven contact process with a long-term memory”.
10. The KPS 2008 Spring Meeting at DCC, Daejeon, Korea
[04/17-18, 2008]: “Boundary induced abrupt transitions in symmetric exclusion process”.
9. The KPS 2007 Fall Meeting at Jeju ICC, Jeju, Korea
[10/18-19, 2007]: “Nonequilibrium phase transitions in the annealed version of SFNs”.
8. The 14th Workshop for STATPHYS 2007 at Naminara Hotel, Chunchon, Korea
[08/16-18, 2007]: “Heterogeneous MF behaviors of the CP on the random neighbors version of SFNs”.
7. The KPS 2007 Spring Meeting at Phoenix Park, Pyeongchang, Korea
[04/19-20, 2007]: “Spatial correlations and extended self-similarity in sandpiles”.
6. The KPS 2006 Fall Meeting at EXCO, Daegu, Korea
[10/19-20, 2006 (invited)]: “Critical behavior of the contact process on complex networks”.
5. Fall Workshop of Research Institute of Physics & Chemistry at Chonbuk National University, Jeonju, Korea
[09/08, 2006 (invited)]: “Mean-field behavior of the contact process on complex networks”.
4. APCTP Extended Monthly Meeting at Pukyong National University, Busan, Korea
[08/19-20, 2004 (invited)]: “Instability threshold in a 1D driven diffusive system”.
3. The KPS 2004 Spring Meeting at Sungkyunkwan University, Suwon, Korea
[04/23-24, 2004]: “Instability threshold in a 1D driven diffusive system: ASEP with nonlocal hopping”.
2. The 12th Workshop of Thermal and STATPHYS 2003 at Soohnbu, Korea
[08/19-21, 2003]: “Queuing transitions in the ASEP”.
1. The Korean Physical Society (KPS) 1994 Spring Meeting at Inha University, Incheon, Korea
[04/22-23, 1994]: “A restricted ballistic deposition model on a 1D staircase”.

Colloquia/seminars

(22 invited only here)

22. Seminar for the Group of Grid Modernization Energy AI
at Korea Institute of Energy Technology (KENTECH), Naju, Korea
[09/11, 2023]: "Universality of Dynamic Phase Transition in Complex Systems".
21. Physics Colloquium for Department of Physics at Inha University, Incheon, Korea
[06/02, 2022]: "Phase Transitions and Critical Phenomena in Nonequilibrium Complex Systems".
20. Physics Colloquium for Department of Physics and Photon Science
at Gwangju Institute of Science and Technology (GIST), Gwangju, Korea
[05/11, 2022]: "Universality of Dynamic Phase Transitions in Complex Systems".
19. Physics Online Colloquium for Department of Applied Physics, Photonics and Nano-Electronics
at Hanyang University - ERICA, Ansan, Korea
[09/29, 2021]: "Biased Random Walk from Fun-d-a-mental to Applied Physics".
18. Advanced Physics and Career Lecture for High-School Students at Seogang High School, Gwangju, Korea
[07/14, 2021]: "Useful Physics To Live Happily with Fun".
17. Physics Online Colloquium for Department of Physics at Ewha Womans University, Seoul, Korea
[05/12, 2021]: "Universality and Diversity in Nonequilibrium Complex Systems".
16. Special Lecture for Professional Career and Job Expo
at Daedeok Middle School, Daejeon, Korea
[07/10, 2019]: "Why does Quantum Mechanics become popular in movies?".
15. Special Lecture for Professional Career and Job Expo
at Daedeok Middle School, Daejeon, Korea
[07/11, 2018]: "What is physics? Could being physicist is a job for living?".
14. Physics Colloquium for Department of Physics at Chonnam National University, Gwangju, Korea
[11/20, 2014]: "More is either Different or the Same:
Condensed-Matter Physics vs. Statistical Physics, Universality of Complex Systems".
13. Selected Program Seminar at Chosun Woman High School, Gwangju, Korea
[12/12, 2012]: "False and True in Physics: Merits of Woman Physicists".
12. Physics Seminar at Seoul National University, Seoul, Korea
[03/23, 2012]: "Dynamic Scaling in Globally-Coupled Kuramoto Oscillators".
11. Physics Seminar at University of Suwon, Suwon, Korea
[05/20, 2010]: "How to Understand Critical Behavior in Complex Systems?".
10. HYKE Seminar at Seoul National University, Seoul, Korea
[05/07, 2010]: "Phase Transitions and Universality Classes in Complex Systems".
9. Physics Colloquium at Inha University, Incheon, Korea
[10/16, 2008]: "Simple physical model studies for complex systems and statistical physics".
8. The PhysDIS Program (05/05-31) Seminar at NORDITA, Stockholm, Sweden
[05/28, 2008]: "Instability transitions and ensemble equivalence in diffusive flow".
7. Condensed-Matter Physics Seminar at Soongsil University, Seoul, Korea
[12/18, 2007]: "Kinetic roughening and multifractality in vapor deposition polymerization growth".
6. Physics Colloquium at Chonbuk National University, Jeonju, Korea
[09/28, 2006]: "Complexity and criticality in nonequilibrium systems"
5. The 2nd APCTP-KIAS Winter School on Statistical Physics at Phoenix Park, Pyeongchang, Korea
[1/18-21, 2005 (lecture-type seminar)]: "ASEP: an overview & some recent developments".
4. ABRL Physics Seminar at Seoul National University, Seoul, Korea
[12/03, 2004]: "Queueing transitions in 1D driven flow".
3. Condensed-Matter Physics Seminar at Soongsil University, Seoul, Korea
[02/03, 2004]: "Nonequilibrium phase transitions in 1D driven diffusive systems".
2. Physics Colloquium at Inha University, Incheon, Korea
[11/27, 2003]: "Phase transitions in 1D nonequilibrium driven systems".
1. Condensed-Matter Seminar at KIAS, Seoul, Korea
[01/20, 2003]: "ASEP with a site defect".

Contributed posters (32 international poster presentations only shown here)

32. [2026 Granular Matter, Gordon Research Conference \(GRC\)](#):
Bridging Nature and Engineered Particulate Systems at Stone College, Easton, MA USA
[06/21-06/26, 2026]: "Universality Classes and Crossover Scaling Behaviors in Non-Abelian Directed Sandpile Models: Metastable Pattern Analysis"
31. Satellite Meeting of after STATPHYS29:
Non-Equilibrium Statistical Physics: mathematical and physical advances ([NESP-2025](#)) at Villa Ruspoli, Florence, Italy
[07/21-07/26, 2025]: "From Slow-Bond Problem to Sign-Order Phase Transition with Dynamic Crossover".
30. [STATPHYS29](#) at Palazzo dei Congressi & Palaffari, Florence, Italy
[07/13-07/18, 2025]: "Universality Classes of Nonequilibrium Phase Transitions in Complex Systems".
29. [NSPCS 2024](#) - Nonequilibrium Statistical Physics and Complex Systems
10th Conference on Statistical Physics at KIAS, Seoul, Korea
[07/22-25, 2024]: "Local Faceting and Dynamic Crossover Scaling".
28. [Cargese 2024](#) - Complex and Glassy Systems
at Institut d'Etudes Scientifiques (University of Corsica), Cargese, France
[07/09-19, 2024]: "Crossover Phenomena in Quasi long-range Order and Local Faceting".
27. LesHouches2024 - Complex systems, statistical mechanics, and machine learning crossover:
In Memory of Giovanni Paladine at Ecole de Physique des Houches, Les Houches, France
[03/24-29, 2024]: "Generalized Wealth Dynamics with Talent, Luck, and Social interaction".
26. STATPHYS28 Satellite Meeting: New Frontiers in Complex Networks at Pukyong National University, Busan, Korea
[08/02-06, 2023]: "Dynamics of Epidemic Models on Complex Networks".
25. Modeling on Ecology and Evolution Workshop (MEEW: hybrid workshop) at KIAS, Seoul, Korea
[10/27-29, 2022]: "Revisited - Optimal evolutionary decision-making and control".
24. JSPS-APCTP Workshop: Roles of Heterogeneity in Non-equilibrium collective dynamics (RHINO 2022)
at the University of Tokyo, Tokyo, Japan & Online
[09/16-17, 2022]: "Dynamic Phase Ordering coupled with Surface Growth".
23. APCTP-KIAS Workshop on "Motors and Engines" at KIAS, Seoul, Korea
[06/25-27, 2018]: "One-dimensional TASEP with a slow bond".
22. Dynamics Days 2018 - International conference on chaos and nonlinear dynamics
at Hilton City Center, Denver, U.S.A.
[01/04-06, 2018]: "Universal Scaling Properties of Cooperative Contagion with Structural Heterogeneity".
21. Yukawa International Seminar 2015 (YKIS2015)
- New Frontiers in Non-equilibrium Statistical Physics 2015 at YITP, Kyoto, Japan
[08/17-19, 2015]: "Dynamic Scaling Analysis in Random Constraint Satisfaction Problems".
20. Japan-France Joint Seminar
- New Frontiers in Non-equilibrium Physics of Glassy Materials at YITP, Kyoto, Japan
[08/11-14, 2015]: "Dynamic Scaling Analysis in Random Constraint Satisfaction Problems".
19. YITP workshop Interface fluctuations and KPZ universality class
- unifying mathematical, theoretical, and experimental approaches at YITP, Kyoto, Japan
[08/20-23, 2014]: "Dynamic phase transition by coupling Ising spins to KPZ-type surface growth".
18. The 6th KIAS Conference on Statistical Physics (NSPCS12) at KIAS, Seoul, Korea
[07/08-10, 2014]: "Synchronization in Kuramoto Coupled Oscillators: From Dynamic Scaling to Transition Nature".
17. The 5th YSM-SPIP Frontier of Statistical Physics and Information Processing (FSPIP2013):
Perspectives from Nonequilibrium Behaviors - Satellite Meeting of STATPHYS25 at YITP, Kyoto, Japan
[07/11-14, 2013]: "Extended finite-size scaling in the Kuramoto model".
16. The 5th KIAS Conference on Statistical Physics (NSPCS12) at KIAS, Seoul, Korea
[07/03-06, 2012]: "Dynamic Scaling in Synchronization Transition of Coupled Oscillators".
15. International Seminar on Large Fluctuations in Non-Equilibrium Systems (LAFNES11),
at MPIPKS, Dresden, Germany [07/04-15, 2011]: "Contact process with power-law type feedbacks".
14. International Seminar on Many-Body Systems Far From Equilibrium (MBSFFE09),
Fluctuations, Slow Dynamics, and Long-Range Interactions at MPIPKS, Dresden, Germany
[02/16-27, 2009]: "Anomalous scaling behavior in polymer thin film growth by vapor deposition".
13. SigmaPhi2008 at Orthodox Academy of Crete, Kolymari - Chania, Greece
[07/14-18, 2008]: "Anomalous scaling behavior in polymer thin film growth".

12. The 3rd KIAS Conference on Statistical Physics (NSPCS08) at KIAS, Seoul, Korea
[07/01-04, 2008]: "Instability transition and ensemble equivalence in diffusive flow".
11. STATPHYS23 at Genova, Italy [07/09-13, 2007]: "Finite-size scaling in complex networks".
10. Satellite Meeting of before STATPHYS23:
STATICS AND DYNAMICS OF GRANULAR MEDIA AND COLLOIDAL SUSPENSIONS, at Napoli, Italy
[07/04-06, 2007]: "Dynamic instability transitions in 1D driven diffusive flow with nonlocal hopping".
9. International Conference on the Frontiers of Nonlinear and Complex Systems
at Hong Kong Baptist University, Hong Kong, China
[05/24-26, 2006]: "FSS in complex networks".
8. The Issac Newton Institute School
on *Non-Equilibrium Dynamics of Interacting Particle Systems* (PDSW02) at the INI, Cambridge, U.K.
[03/27-04/07, 2006]: "Queuing transitions in the ASEP".
7. STATPHYS22 at Bangalore, India [07/03-11, 2004]: "ASEP with nonlocal hopping".
6. Satellite Meeting of before STATPHYS22:
Nonequilibrium Statistical Physics of Complex Systems (NSPCS04) at KIAS, Seoul, Korea
[06/29-07/02, 2004]: "Instability threshold in a 1D driven diffusive system".
5. NESTPHY03-MPIPKS International Seminar at MPIPKS, Dresden, Germany
[09/20-10/10, 2003]: "Queuing transitions in the ASEP".
4. The 2nd Networking Day of Physics Career Development Organization
at the University of Washington, Seattle, WA, U.S.A.
[01/30, 2003]: "The effect of a columnar defect on slow combustion of papers".
3. The 6th APCTP Winter School on *Scaling and Phase Transitions in Complex Networks and Nonequilibrium Systems*
at POSTECH, Pohang, Korea [02/18-21, 2002]: "Macroscopic car condensation in a parking garage".
2. Fundamental Problems of Statistical Physics X (FPSPX) at Altenberg, Germany
[08/20-09/01, 2001]: "Dynamic analogue of Bose condensation in a traffic model with a parking garage".
1. The 4th CTP Workshop on Statistical Physics at Seoul National University, Seoul, Korea
[01/27-31, 1997]: "Dynamic behaviors of 1D anchored interfaces".

Contributed Articles

10. "Scaling Relations between Regional School-age Population Density and
Densities of College Departments and Students by Majors"
New Physics: Sae Mulli HIGHLIGHTS, PHYSICS & HIGH TECHNOLOGY
Vol. 33, No. 11 November, 2023. (forthcoming)
9. "Spatial Correlations and Extended Self-Similarity Properties"
New Physics: Sae Mulli HIGHLIGHTS, PHYSICS & HIGH TECHNOLOGY
Vol. 24, No. 12 December, 2015.
8. "Fundamental Structural Constraint of Random Scale-Free Networks"
Most Recent Research Review, PHYSICS & HIGH TECHNOLOGY
Vol. 22, No. 1/2 January/February, 2013 (coauthor: Yongjoo Baek).
7. "Numerical Study of Synchronization in the Kuramoto Model with Finite Inertia"
New Physics: Sae Mulli HIGHLIGHTS, PHYSICS & HIGH TECHNOLOGY
Vol. 21, No. 11 November, 2012 (coauthor: Chulho Choi).
6. "Professor Column", Chosun University News, Vol. 198, January 2012.
5. "Relevance of Abelian Symmetry and Stochasticity in Directed Sandpiles"
Most Recent Research Review, PHYSICS & HIGH TECHNOLOGY
Vol. 18, No. 1/2 January/February, 2009 (coauthor: Hang-Hyun Jo).
4. "International Conference on the Frontiers on Nonlinear and Complex Systems"
WE HERE THAT, APCTP Bulletin, Vol. 9, No. 1/2, Jan. - Dec. 2006.
3. "Farewell Essay", KIAS Newsletter, No. 33, Winter 2006.
2. "STATPHYS22: 22nd International Conference on Statistical Physics of IUPAP"
Conference Participation Report, PHYSICS & HIGH TECHNOLOGY
Vol. 13, No. 9, September, 2004.
1. "KIAS-APCTP Satellite Meeting and India Main Meeting of STATPHYS22"
Conference Report, KIAS Newsletter, No. 25, Autumn 2004 (co-author: Su-Chan Park).