Curriculum Vitae

Yik-Man Chiang 蒋翼迈 (Edmund)

Address

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Personal Details

Date of birth: 4th July, 1964;   Sex: Male
Place of birth and residence: Hong Kong
Present Citizenship: British and Hong Kong Special Administrative Region

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Education

1969-1981	Attended about six different primary and secondary schools in Hong Kong
10/1984–06/1987	BSc (Hons.) in Mathematics, University College, University of London
10/1987–08/1991	PhD in Mathematics, University College, University of London
	Thesis: *Schwarzian Derivatives and Complex Differential Equations*; Supervisor: Prof. J. Milne Anderson

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Honors

1987–1988	Mayer De Rothschild Scholarship, University College London
1988–1989	Overseas Research Students Awards, UK–HK Governments, 1989

Current Position

Since 01/2003	Associate Professor in Mathematics, Hong Kong University of Science and Technology

Research interests

Complex functions and in particular related to Nevanlinna's value distribution theory.

Special functions and in particular its interaction with value distribution theory, algebra and geometry.

Previous Appointments

01/1993–12/2002	Assistant Professor in Mathematics, Hong Kong University of Science and Technology
08/1992–12/1992	Chief Research Assistant, University of Joensuu, Finland
09/1991–07/1992	Lecturer (permanent), University of Bolton, Bolton, UK
10/1990–08/1991	Tutor (half-time), Goldsmiths' College, University of London
10/1989–06/1991	Tutor (part-time), London School of Economics and Political Sciences, University of London

Other experience: Visiting scholar:

1994 (one month)	University of Delaware
07–12/1996	Imperial College, University of London (sabbatical leave)
01/2001	University of Colorado, Boulder, (1 week)
01/2002	University of South Florida, (3 weeks, partially funded)
02–04/2006	University of Loughborough, UK; (6 weeks partially funded)
04/2006	Department of Theoretical Physics, University of Zaragoza, Spain (1 week, fully funded)
04/2006	Department of Mathematics, Shanghai JiaoTong University (1 week, partially funded)

12/2006	Chinese Academy of Sciences, Beijing (partially funded)
2–3/2007	Loughborough University (sabbatical leave, partially funded)
4–5/2007	City University of Hong Kong (sabbatical leave)
2 wks, 2007	University of Joensuu, Finland (funded)
1/2008	Academic Scinca (partially funded)
1/2009	Shanghai JiaoTong University (partially funded)
7/2009	National Center for Theoretical Sciences, Taiwan (2 weeks, partially funded)
8/2009	Chinese Academy of Sciences, Beijing (2 weeks, partially funded)
1/2010	University of California, Davis; University of Colorado, Boulder (12 days)
2/2010	University of Macau (3 days, funded)
12/2011	Ningbo University and Shanghai JiaoTong University (2 weeks, funded)
1-7/2012	Harvard Univeristy (sabbatical leave)
12/2012-1/2013	(i) Institute of Mathematics, Academia Sinica Taipei, Taiwan (10 days), (ii) Chinese Academy of Sciences, Beijing (6 days), (iii) Centre De Recherches Mathématiques, Montŕeal (11 days)
28/3–6/4, 2013	Shanghai JiaoTong University (funded)
2/12–16/12, 2014	National Sun Yat-sen University Kaohsiung, Taiwan (partially funded)
8/12-15/12, 2015	Shanghai JiaoTong University (funded) 29/6-13/7, 2015] University College London (partially funded)
26/12–31/12, 2016	National Sun Yat-sen University Kaohsiung, Taiwan (partially funded)
12/7–16/7, 2017	International University of Sarajevo
16/7–22/7, 2017	Institute of Mathematics, University in Białystok, Poland (partially funded)
15/8–26/8,2017	Shanghai JiaoTong University (funded)

Teaching

Overall	I taught different levels of undergraduate courses and complex function theory course at graduate level for many years.
Pure Math	At the undergraduate level, I apart from teaching Real Analysis, Complex Analysis course, Functional analysis, Fourier analysis and Hilbert space courses over the years. I developed lecture notes for these courses.
Service	Besides, I have also been teaching service courses on introductory calculus, differential equations and linear algebra periodically for first year students from other departments since the time joining HKUST.
Online	In particular, I was a coordinator (and together with my colleagues) to developing the first generation departmental online quiz system for calculus courses before we adopted the WebWork system some years ago.
Project	I led a UROP (Undergraduate Research Opportunity Program) project.

Publications

28	Y. M. Chiang and S. J. Feng, "*Nevanlinna theory based on Askey-Wilson divided difference operator*, (Submitted to Advances in Mathematics) (arXiv: 1502.02238). (previous postdoc)
27	Y. M. Chiang and G. F. Yu, ""*Galoisian approach to complex oscillation theory of some Hill equations*, Mathematica Scandinanvica (to appear)(arXiv:1610.09757) (previous postdoc)
26	Y. M. Chiang, C. Y. Tsang and A. Ching, "*Symmetry of the Darboux equation*", Kumamoto Journal of Math., (2017: to appear) arXiv:1509.03995 (postdoc)
25	Y. M. Chiang and X. D. Luo, "*Difference Nevanlinna theories with vanishing and infinite periods*", Michigan Mathematical Journal **66** no. 3 (2017), 451-480. arXiv:1510:02576 (PhD student)
24	K.-H. Cheng and Y. M. Chiang, "*Nevanlinna theory based on Wilson divided difference operator*, Ann. Acad. Sci. Fenn. Math. **42** (2017), 175–209. (PhD student)
23	Y. M. Chiang and S. J. Feng, "*On the growth of logarithmic difference of meromorphic functions and a Wiman-Valiron*

estimate", Constructive Approximation **33** no. 3 (2016) 313–325 (arXiv:1309.4211) (previous postdoc)

22   Y. M. Chiang, "Estimates on the growth of meromorphic solutions of linear differential equations with density conditions", Proceedings of the Workshop on Complex Analysis and its Applications to Differential and Functional Equations, Gröhn, J. Heittokangas, R. Korhonen & J. Rättyä (Eds), Reports and Studies in Forestry and Natural Sciences, No. 14, 45–55, University of Eastern Finland, 2014 (arXiv:1311.1874)

21   Y. M. Chiang and K. W. Yu, "*On complex oscillation, quantization of periodic non-homogeneous ODEs and special functions*", Proceedings of Royal Society of Edinburgh, **142A**, (2012) 449-477. (arXiv:1002.3853) (PhD student)

20   Y. M. Chiang and K. W. Yu, "*Subnormal solutions of periodic non-homogeneous linear differential equations, special functions and special polynomials*", Journal für die reine und angewandte Mathematik **651** (2011) 127–164.(arXiv:0906.4659) (PhD student)

19   Y. M. Chiang and S. J. Feng, "*On the growth of logarithmic differences, difference quotients and logarithmic derivatives of meromorphic functions*", Transaction of American Mathematical Society **361**, no. 7 (2009) 3767-3791. (arXiv:math:math/0610480) (postdoc)

18   Y. M. Chiang and S. J. Feng, "*On the growth of $f(z+\eta)$ and difference equations in the complex plane*", The Ramanujan Journal **16** (2008) 105-129.(arXiv:math/0609324)

17   Y. M. Chiang and S. J. Feng, "*Difference independence of Riemann Zeta function*", Acta Arithmetica, **125** (4) 2006, 317-329. (arXiv:math/0610479) (postdoc)

16   Y. M. Chiang and S. N. M. Ruijsenaars, "*On the Nevanlinna order of meromorphic solutions to linear analytic difference equations*", Studies in Applied Mathematics, **116** (2006) 257–287.

15   Y. M. Chiang and M. E. H. Ismail, "*On value distribution theory of second order periodic ODES, special functions and orthogonal polynomials*", Canadian Journal of Mathematics,

58, (2006) 726–767.

14   Y. M. Chiang and W. K. Hayman, "*Estimates on the growth of entire and meromorphic solutions of linear differential equations*", Commentarii Mathematici Helvetici **79** (2004) 451–470.

13   Y. M. Chiang and R. G. Halburd, *On the meromorphic solutions to an equation of Hayman*, Journal of Mathematical Analysis and Applications **281** (2003), 663–677.

12   Y. M. Chiang and M. E. H. Ismail, *Complex oscillation theory and special functions*, Mathematical Reports of the Academy of Science of Canada, **24**, No. 3, 2002.

11   Y. M. Chiang and S. Gao, *On a problem in oscillation theory of periodic second order linear differential equations and some related perturbation results*, Annales Academiae Scientiarum Fennicae. Series A I. Mathematica, **27** (2002) 273-290.

10   Y. M. Chiang, *On the zero-free solutions of linear periodic differential equations in the complex plane*, Resultate der Mathematik. Birkhäuser, **38** (2000) 213-225.

9   Y. M. Chiang and I. Laine, *Some oscillation results for linear differential equations in the complex plane*, Japanese Journal of Mathematics, **24** (2), (1998) 367-402

8   Y. M. Chiang and S. Wang, *Oscillation results of certain higher order linear differential equations with periodic coefficients in the complex plane*, Journal of Mathematical Analysis and Applications, **215** (1997), 560-576.

7   Y. M. Chiang, I. Laine and S. Wang, *On complex oscillation of a third order linear periodic differential equation in the complex plane*, Complex Variables Theory and Application, **34** (1997), 25–34.

6   Y. M. Chiang, *On the complex oscillation of $y'' + (e^z - K)y = 0$ and a result of Bank, Laine and Langley*, Proc. Comput. Methods and Function Theory, Series in Approximations and Decompositions–Vol. 5, World Scientific 1995, 125–134 (refereed).

5	Y. M. Chiang, I. Laine and S. Wang, *Oscillation results for some linear differential equations*, Mathematica Scandinavica, **77** (1995), 209–224.
4	Y. M. Chiang, *Oscillation results on $y'' + Ay = 0$ in the complex domain with transcendental entire coefficients which have extremal deficiencies*, Proceedings of the Edinburgh Mathematical Society, **35** (1995), 13–34.
3	Y. M. Chiang, *Some properties of analytic functions with small Schwarzian*, Complex Variables Theory and Application., **25** (1994), 107–118.
2	Y. M. Chiang, *Some remarks on Lehto's domain constant*, Annales Academiae Scientiarum Fennicae. Series A I. Mathematica, **17** (1992), 285–293.
1	Y. M. Chiang, *On a subclass of strongly gamma–starlike functions and quasiconformal extensions*, Annales Universitatis Mariae Curie–Sklodowska.Sectio A. Mathematica, **45** (1991), 21–27.

STUDENTS

2016–present	Bin Meng (PhD), Xiaoli Lin (PhD), Tze-Yung Cheung (MPhil),
2017	Kam-Han Cheng (PhD)
2016	Xudan Luo (PhD)
2012	Kam-Han Cheng (MPhil)
2010	Kit-Wing Yu (PhD)
2001	Kwok-Leung Lee (MSc) (jointly supervised with my previous colleague Prof. S. H. Lui).
1999	Yuen-Yik Kwan (MPhil)
1997	Man Ho, Lo (MPhil)
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Research Grants:

1996-present	Hong Kong Research Grants Council, Competitive Earmarked Research Grant, GRF (Eight in total, see below)

Competitive Earmarked Research Grants (Hong Kong Research Grants Council)

1996–2000	*Oscillation of linear differential equations in the complex plane* (HKUST711/96P)
2001–06	*Differential equations, functional equations and integrability* (HKUST6135/01P)
2006–09	*Investigation of differential and functional equations in the complex plane and applications* (No. 600806) (co-investigator R. G. Halburd)
2009-11	*Value distribution theory based on Askey-Wilson operator and Special functions* (No. 600609)
2012-14	*Function theoretic study of Finite-form solutions of Heun's differential equations* (No. 601111)
2014-17	Function theoretic study of eigen-solutions of Darboux class differential equations and affine Weyl groups (No. 16300814)
2016-18 (current)	Studies of the Value Distribution Aspect of Interpolations (No. 16306315)
2017-19 (current)	Galoisian approach to Complex oscillation theory and finite-gap problems of certain Hill's equations (No. 16325016)

Direct Allocation Grants (Hong Kong Research Grants Council)

1992–93	(1) *On the Values distribution and oscillation theory of differential equations in the complex domain* (DAG92/93.SC22)
1995–96	(2) *Explicit construction of quasiconformal extensions* (DAG95/96.SC16)
2005–06	(3) *Investigation into value distribution theory and closed form solutions of Schrodinger type and similar equations,* (DAG05/06.SC24)

Postdoctoral Fellows

Shaoji Feng (2004-05), Guofu Yu (2008), Chiu-Yin Tsang (current), Kam-Ham Cheng (current)

Journal Editor

Feb. 2009–2014   Editorial review board of "International Journal of Computer Mathematics", Taylor & Francis

Agencies refereed for

Acta Mathematica Sinica

Annales Academiae Scientiarum Fennicae. Series A I. Mathematica

Archiv der Mathematik

Bulletin of Korean Mathematical Society

Central European Journal of Mathematics

Computational Methods and Function Theory

Complex Variables and Elliptic Equations

Contempory Mathematics

Engineering Computations

Georgian Mathematical Journal

Glasnik Matematicki

Houston Journal of Mathematics

Journal of Approximation Theory

Journal of Computation and Applied Mathematics

Journal d'Analyse Mathématique

Journal of Difference Equations and Applications

Journal of Inequalities and Applications

Journal of Mathematical Analysis and Applications

Journal für die reine und angewandte Mathematik

Kodai Mathematical Journal

Mathematische Nachrichten

Proceedings of American Mathematical Society

SIGMA (Symmetry, Integrability, and Geometry: Methods and Applications)

Taiwanese Journal of Mathematics

Transaction of American Mathematical Society

Conferences organized:

2/2003	Mini-symposium on Complex Analysis, HKUST, Hong Kong, Yik-Man Chiang & Tuen-Wai Ng (HKU).
8/2017	Member of organising committee of the 7th International Conference on Nonlinear Mathematical Physics & the 14th National Workshop on Solitons and Integrable Systems, 18-22 August, Beijing Information Science and Technology University.

External Examiners

1999	PhD external examiner for Pengcheng Wu, University of Eastern Finland, Finland
2004	Docentship for Dr. Janne Heittokangas, University of Eastern Finland
2004	External examiner for substantiation appointment (associated professor) for the Comp. Sci. Dept., Baptist Univeristy.
2006	Docentship for Dr. Risto Korhonen, University of Eastern Finland
2013	PhD external examiner University of Macau
	MPhil External examiners for CUHK (2004) CityU (2007), HKU (2006, 2009, 2010, 2011)

Professional Memberships:

1988–	London Mathematical Society
1994–2015	American Mathematical Society
1997–2000	Hong Kong Association for Mathematics Education

RESEARCH: PAPERS PRESENTED AT PROFESSIONAL MEETINGS

1990	(1) One-day Function Theory Meeting, Open University, UK (invited talk)
1992	(2) Joint Analysis Meeting, University of Jyväskylä, Finland (invited talk; partially funded)
1993	(3) International Conference on Complex Analysis and its Applications, Hong Kong
1994	(4) Computational Methods and Function Theory, Universiti Sains, Malaysia
1995	(5) Planer Harmonic Mappings, Haifa, Israel, 1995
1995	(6) XVIth Rolf Nevanlinna Colloquium, Joensuu, Finland (poster session)
1996	(7) One-day Function Theory Meeting, Imperial College, London (30 mins invited talk)
1997	(8) Entire Functions in Modern Analysis, Tel-Aviv, Israel
11/2000	(9) SIDE IV, International Conference on Symmetries and Integrability of Difference Equations, University of Tokyo, November, 2000 (20 mins contributed talk, partially funded)
01/2001	(10) American Mathematical Society, Annual Meeting, Special session on Function Theory, Differential Equations and Functional Equations, New Orleans (25 minutes invited talk)
06/2001	(11) Computational Methods and Function Theory 2001, Aveiro, Portugal (25 mins invited talk, partially funded)
07/2001	(12) Summer School/Seminar in Applied Analysis, City University of Hong Kong (30 mins invited talk)
08/2001	(13) Summer School in Complex Difference Equations, University of Joensuu (Mekrijärvi Research Station) (30 mins invited talk, partially funded)

10/2002	(14) Symposium on Complex Differential and Functional Equations in honour of Ilpo Laine's 60th birthday, University of Joensuu. (30 mins invited talk)
07/2003	(15) International Congress on Industrial and Applied Mathematics, Sydney, Australia, Minisymposium on Integrable systems organized by Rod Halburd, John Roberts (30 mins invited talk)
01/2004	(16) American Mathematical Society, Annual Meeting, Special session on Value Distribution Theory in Classical and p-Adic Function Theory, Phoenix, organized by A. Escassut, I. Laine and C. C. Yang (25 minutes invited talk)
07/2004	(17) International Conference on Analysis and Its Application, Nanjing University, China, organized by W. Y. Su, and C. C. Yang (25 mins invited talk)
06/2005	(18) International Conference on Nonlinear Waves, Integrable Systems and their Applications, in honor of Mark Ablowitz's sixtieth birthday, University of Colorado Spring, organized by M. Kruskal, T. Fokas, S. Chakravarty and R. Cascaval (30 mins invited talk, partially funded)
06/2005	(19) Computational Methods and Function Theory, University of Joensuu, Finland, organized by St. Ruscheweyh, E. B. Saff, O. Martio and I. Laine
03/2006	(20) Continuous and discrete Painlevé equations: in honour of the 60th birthday of M. J. Ablowitz, University of Turku, Finland, organised by J. Hietarinta and I. Laine (30 minutes talk)
08/2006	(21) ICM06 satelite meeting: "Recent Trends in Constructive Approximation Theory", Univ. Carlos III de Madrid, 30-31st August, 1st September 2006, organized by Francisco Marcellan (30 minutes talk).
09/2006	(22) The Painleve Equations and Monodromy Problems: Recent Developments, Newton Institute, Cambridge organized by P.P. Boalch, P.A. Clarkson, L. Mason and Y. Ohyama (30 minutes invited talk).
07/2007	(23) The 9th International Special Functions, Orthogonal Polynomials and their Applications, Marseille, France, organized by G. Valent (30 minutes talk).

12/2007	(24) 1st Joint Meeting of American and the Newzealand Mathematical Societies, Special session on Special Functions and Orthogonal Polynomials, Victoria Univ. of Wellington, organized by D. Dominici, O. Warnaar, S. Cooper (25 minutes invited talk)
06/2008	(25) International Conference on Nonlinear Waves: Theory and Applications, Beijing, China, organised by M. Ablowitz, D-Y. Hsieh and J. Yang (25 minutes invited talk)
11/2008	(26) Workshop on complex hyperbolic geometry and related topics in the Thematic program on Arithmetic geometry, hyperbolic geometry and related topics, Fields Institute, 17-21 November 2008 (invited and partially funded participant).
03/2009	(27) AMS Spring Central Sectional Meeting, Special Session on Complex Dynamics and Value Distribution, Urbana, Illinois, March 27-29, 2009 (20 mins invited talk).
07/2009	(28) Conference on Value Distribution Theory and Complex Geometry, 27-30 July, 2009, National Center for Theoretical Sciences, Hsinchu, Taiwan (funded, 50 mins. invited talk).
08/2009	(29) International Conference on Complex Analysis and Related Topics, 20-23 August 2009, Academy of Mathematics and System Science, Chinese Academy of Sciences, Beijing (45 mins invited talk, partially funded).
04/2010	(30) Colloquium on Jordan Theory and Analysis,8-12 April 2010 National Center for Theoretical Sciences, Hsinchu, Taiwan (funded, 45 mins. invited talk)
07/2010	Workshop on Complex Geometry, Institute of Mathematical Research, University of Hong Kong, 21-23 July, 2010 (organized by N. Mok and P. Ng).
08/2010	(31) The 18th International Conference on Finite or Infinite Dimensional Complex Analysis and Applications, 13-17, August, University of Macau (organized by T. Qian).
09/2010	(32) Workshop on Function theory and Dynamical Systems, University College London, 6-9, September (organized by R. Halburd).
03/2011	(33) Workshop of Frontiers of Nevanlinna theory I, University College London, 28-30, March, 2011 (organized by R. Halburd)
05/2011	(34) International Conference on Asymptotics and Special Functions, City University of Hong Kong, 31st May – 3rd June (organised by M. Ismail, D. Dai and R. S. C. Wong).

06/2011	(35) Workshop of Frontiers of Nevanlinna theory II (p-adic function theory and arithmetic dynamics), University College London, 27-29, June, 2011 (organized by R. Halburd)
08/2011	(36) Workshop on Complex Geometry, Institute of Mathematical Research, University of Hong Kong, 2-4 August, 2011 (organized by N. Mok and P. Ng)
10/2011	(37) Cross-Strait Conference on Integrable Systems and Related Topics, Changshu Institute of Technology,4-8 October, 2011 Jiansu (organized by X. B. Hu, etc.)
04/2012	(38) International Conference on Jordan Theory, Analysis and Related Topics (30th Apr-4th May, 2012) in Chinese University of Hong Kong, in honour of 65th birthday of Cho-Ho Chu
06/2012	(39) Frontiers of Nevanlinna Theory IV: Nevanlinna theory and Number theory (18 - 20th June, 2012) at UCL, London, organized by R. Halburd (funded)
12/2012	(40) Workshop on Complex Analysis and its Applications to Differential and Functional Equations (In the honour of Ilpo Laine's 70th birthday) 3-4th December 2012 (organized by R. Korhonen)
03/2013	(41) China-Japan Joint Workshop on Integrable Systems, Kyoto University, 16-19 March, 2013
06/2013	(42) Computational Methods and Function Theory, Shantou University, June 10th–14th, 2013
06/2013	(43) Conference on Complex Geometry, IMR, The University of Hong Kong 25-28th June, 2013. Organized by T. W. Ng, N. Mok and X. Sun
07/2013	(44) Q-series and related topics in Number Theory, 30-31, July 2013, East China Normal University, organised by Z.G. Liu
08/2013	(45) The 5th International Workshop on Nonlinear Mathematical Physics and 12th National Conference on Integrable Systems, Zhejiang University of Technology and Tongji University (25 mins)
10/2013	(46) Cross-Strait Joint Conference on Integrable Systems and Related Topics 25-28th October, 2013 (25 mins talk), Institute of Mathematics, Academia Sinica, Taipei
12/2013	(47) The 2013 Annual Meeting of the Taiwan Mathematical Society, Dept. Appl. Math., National Sun Yat-Sen Univ. 6–8th December,

10/2014	(48) International Conference on Orthogonal Polynomials Integrable Systems and their applications on the occasion of M. Ismail's 70th birthday 25-29, October 2014
03/2015	(49) Beijing complex analysis workshop, 28th-31st, March, organised by J.-H. Zheng, TsingHau university, Beijing
07/2015	(50) One-Day function theory workshop, organized by Rod Halburd at University College London, UK, 13th July 2015.
07/2015	(51) Workshop on Complex Geometry, July 20-22, 2015 University of Hong Kong
05/2016	(52) International Conference on Applied Mathematics City University of Hong Kong 30th May - 2nd June, 2016
07/2016	(53) The 11th AIMS Conference on Dynamical Dynamical Systems, Differential Equations and Applications (special session: SS94: Infinite dimensional dynamics in analysis, organised by Chu-Ho Chu), July 1 - July 5, 2016, Orlando, Florida (The University of North Carolina Wilmington), USA
07/2016	(54) Random Matrices, EurAsia, 8–10th July, University of Macau. Organised by Yang Chen
08/2016	(55) Summer school on value distribution theory and related topics (main speaker) 17-19th August, University of Eastern Finland, organised by R. Korhonen.
08/2016	(56) Chinese-Finnish workshop on complex analysis, 22-24th August, University of Eastern Finland, organised by R. Korhonen.
10/2016	(57) Workshop on Differential Equations and its Applications, 22-24th August, IAS, Shenzhen University, PRC.
06/2017	(58) International Conference on Special Functions: Theory, Computation, and Applications, 5-9, June, City University of Hong Kong, organised by M. Ismail and R. Wong.
06/2017	(59) The 25th Finite or Infinite Dimensional Complex Analysis and Applications, 26-30th, June, University of Hong Kong, organised by N. M. Mok and Patrick N. T. Ng.
07/2017	(60) XXXVI Workshop on Geometric Methods in Physics, Białowieza, Poland, 2-8th, July, organised by Institute of Mathematics, University of Białystok, Poland
07/2017	(61) Computational Methods and Function Theory 2017, 10-15th July, Lublin, Poland.
07/2017	(62) Workshop on Random Matrix Theory, EurAsia-2017, 28-30th, July, Fudan University, organised by Y. Chen and E. G. Fan.

08/2017	(63) Chinese-Finnish Workshop in Complex Analysis 2017Chinese Academy of Sciences, 17-19 August, organised by Y. Wang, R. Korhonen et al.
08/2017	(64) The 7th International Conference on Nonlinear Mathematical Physics & the 14th National Workshop on Solitons and Integrable Systems, 18-22 August, Beijing Information Science and Technology University.

SEMINARS

1994	University of Delaware
1996	(i) University of Cambridge; (ii) Imperial College
1999	Chinese University of Hong Kong
2000	City University of Hong Kong
2002	(i) University of South Florida, USA; (ii) University of New Orleans, USA; (iii) University of Helsinki, Finland; (iv) Loughborough University, UK
2004	University of Central Florida, Orlando, USA
2005	(i) City University of Hong Kong; (ii) University of Hong Kong
2006	(i) Loughborough University, UK; (ii) University of Zaragoza, Spain; (iii) Shanghai JiaoTong University
2007	(i) Loughborough University, UK; (ii) University of Joensuu, Finland
2008	University of Hong Kong
2009	(i) Shanghai JiaoTong University, (ii) Chinese University of Hong Kong;
2010	(i) National University of Singapore; (ii) University of California, Davis; (iii) University of Colorado, Boulder, (iv) University of Macau, (v) Shanghai JiaoTong University

2011	Shanghai JiaoTong University
2012	(i) Sun Yat-sen University, (ii) Chinese Academy of Sciences, Beijing.
2012	Institute of Mathematics, Academia Sinica Taipei, Taiwan
2013	(i) Centre De Recherches Mathématiques, Montŕeal, (ii) Chinese Academy of Sciences
2015	(i) Macau Univeristy, Shanghai JiaoTong University, East China Normal University.
2016	(i) Florida International University, (ii) University of the Ryukyus, Japan, (iii) National Sun Yat-Sen University, Taiwan (iv) Shanghai JiaoTong University, (v) Beijing University of Posts and Telecommunications, (vi) Chinese Academy of Sciences, Beijing, (vii) South China Normal University
2017	(i) Chinese Academy of Sciences, Beijing, (ii) Kyoto University, (iii) South China Normal University, (iv) International University of Sarajevo

University and Departmental service

2002–04	Undergraduate coordinator
2009–13	Member of Continuing Education Review Board (CERB)
4–8/2011	Organiser of Einstein in Hong Kong at HKUST. It is a collaboration between Swiss Consulate, swissnex China, the Hong Kong Science Museum and the Education Bureau to bring scientific activities to HKUST.
2015-17	Members of departmental salary merit review committee
2017–	Executive committee, UG subcommittee on Minor program, Student recruitment subcommittee (local), Student disciplinary subcommittee
	I served on several departmental committees mostly related to undergraduate matter over the years.

External Services

	Mathematics Subject Committee for Secondary Education, Curriculum Curriculum Development Council, Education Department, Hong Kong Government, (94–98)
	Served on various ED ad hoc committees panels since 1998
	Principal investigator *An evaluation study on the implementation of the mathematics curriculum in schools* Total amount: $ 1,345,500.00 (2011-2012) (with Manyu Wong)

Education related grants

Since 2007	Young Scientist program, Fok Ying Tung-UGC matching grant (HK$98,000)
2007–09	Web-based Learning Program in Mathematics (Hong Kong Education Bureau fund: HK$734,620)
2011–12	Einstein in Hong Kong (School of Science, HKUST: HK$140,000)
	Principal investigator *An evaluation study on the implementation of the mathematics curriculum in schools* Total amount: $ 1,345,500.00 (2011-2012) (with Manyu Wong)

Referees

1	Mark Ablowitz, Chair and Professor in Applied Mathematics Department, 526 UCB, University of Colorado, Boulder, CO 80309-0526, USA.(Wikipedia) (e-mail:mark.ablowitz@colorado.edu)
2	Walter Bergweiler, Professor Dr. Department of Mathematics, Christian-Albrechts-Universität zu Kiel, Ludewig-Meyn-Strabβe 4 D-24098 Kiel, Germany (e-mail: bergweiler@math.uni-kiel.de)
3*	Walter K. Hayman, FRS Professor in Pure Mathematics (emeritus), Imperial College of Science, Technology & Medicines, Department of Mathematics, London SW7 2AZ, England, UK (Wikipedia, Math-Tutor)
4	Aimo Hinkkanen, Professor, Department of Mathematics, University of Illinois at Urbana-Champaign, 1409 W. Green Street, Urbana, Illinois 61801-2975, USA (e-mail: aimo@math.uiuc.edu)
5	Matti Vuorinen, Professor, Department of Mathematics and Statistics, FI-20014 Turun Yliopisto, University of Turku, Finland (e-mail:vuorinen@utu.fi)
6	Shun Shimomura, Professor, Department of Mathematics, Keio University Yagami Campus: 3-14-1 Hiyoshi, Kohoku-ku, Yokohama, 2238522, Japan (e-mail: shimomur@math.keio.ac.jp)