

Education

- Stanford University, Ph.D. Mathematics, 1992, Advisor: Richard M. Schoen
- Peking University, BSc, Mathematics, 1986

Employment

- University of British Columbia: Full Professor, 2004 - present, Associate Professor, 2001-04, Assistant Professor 1997-2001
- Princeton University: Visiting Professor, 2011-12
- Stanford University, Visiting Professor, September 2004 - March 2005
- Brown University: Distinguished Visiting Professorship, January 2003 - June 2003
- Massachusetts Institute of Technology, Instructor, 1995-97, 1998-99
- Northwestern University, Visiting Assistant Professor, 1994-95
- University of California, Irvine, Visiting Assistant Professor, 1992-94

Award/Fellowship

- Research Member, MSRI (Sept 2 - Nov 1, 2024)
- Simons Fellow in Mathematics, Simons Foundation (July, 2018 - June, 2019)
- Research Member, MSRI (February 15 - March 31, 2016)
- Research Member, MSRI (February, 2004)
- UBC Killam Faculty Research Fellowship (2003)
- Distinguished Visiting Professorship, Brown University (January - June, 2003)
- CMS Coxeter-James Prize, CMS (December, 2002)
- Andre-Aisenstadt Prize, CRM, (2001)
- Alfred P. Sloan Research Fellow, Sloan Foundation (1999 - 2003)
- NSF Postdoctoral Fellowship, National Science Foundation (1995 - 1998)

Publication

- (1) J. Chen, Y. Li, Q. Wu: *Prescribing positive curvature with conical singularities on \mathbb{S}^2* , arXiv:2408.12201
- (2) J. Chen, Y. Li, Q. Wu: *Prescribing Negative curvature with cusp and conical singularities on compact surface*, arXiv:2408.12195
- (3) J. Chen, M. Warren: *A geometric flow towards Hamiltonian stationary Lagrangian submanifolds* (submitted 2024) arXiv:2403.13997
- (4) J. Chen, Y. Li: *Uniform Convergence of Metrics on Alexandrov Surfaces with Bounded Integral Curvature*, arXiv:2208.05620
- (5) A. Bhattacharya, J. Chen, M. Warren: *Regularity of Hamiltonian stationary equations in symplectic manifolds*, Adv. Math. **424** (2023), Paper No. 109059
- (6) J. Chen, J. M.-S. Ma: *Compactness of Hamiltonian stationary Lagrangian submanifolds in symplectic manifolds*, Trans. Amer. Math. Soc. **377** (2024), 6151-6170
- (7) J. Chen, R. Shankar, Y. Yuan: *Regularity for convex viscosity solutions to special Lagrangian equations*, Comm. Pure Appl. Math. **76** (2023), no. 12, 4075-4086
- (8) J. Chen, M. Warren: *Compactification of the space of Hamiltonian stationary Lagrangian submanifolds with bounded total extrinsic curvature and volume*, J. Differential Geom. **126** (2024), no. 1, 65-97
- (9) J. Chen: *Regularity of critical points of the volume functional for Lagrangian submanifolds*, J. Geom. Anal. **32** (2022) no. 12, Paper No. 289, 15 pp
- (10) J. Chen, L.D. Huang: *On Stability of the fibres of Hopf surfaces as harmonic maps and minimal surfaces*, Trans. Amer. Math. Soc. **374**, no.12, (2021), 8661-8690
- (11) J. Chen, J. M.-S. Ma: *On the compactness of Hamiltonian stationary Lagrangian surfaces in Kähler surfaces*, Calc. Var. Partial Differential Equations **60** (2021), no.2, Paper No. 75, 23 pp
- (12) J. Chen, J. M.-S. Ma: *Geometry of Lagrangian self-shrinking tori and applications to the piecewise Lagrangian mean curvature flow*, Amer. J. Math. **143** (2021), no.1 227-264
- (13) J. Chen, M. Warren: *On the regularity of Hamiltonian stationary Lagrangian submanifolds*, Adv. Math. **343** (2019), 319-352

- (14) J. Chen, J. M.-S. Ma: *The space of compact self-shrinking solutions to the Lagrangian mean curvature flow in C^2* , J. Reine Angew Math (Crelles Journal), **743** (2018), 229-244
- (15) J. Chen, Y. Yuan: *Hamiltonian stationary cones with isotropic links*, Pacific J. Math. **295** (2018), 317-327
- (16) J. Chen, M. Warren: *Radial solutions of a fourth order Hamiltonian stationary equation*, J. Differential Equations, **265** (2018), 1576-1595
- (17) J. Chen, Y. Li: *Extendability of conformal structures on punctured surfaces*, IMRN (2017), 1-29
- (18) J. Chen, Y. Li: *Radially symmetric solutions to the graphic Willmore surface equations*, J. Geom. Anal. **27** (2017), 671-688
- (19) J. Chen, Y. Wang: *Liouville type theorems for the p -harmonic functions on certain manifolds*, Pacific J. Math. **286** (2016), 313-327
- (20) J. Chen, A. Fraser, C. Pang, *Minimal immersions of bordered Riemann surfaces with free boundary*, Trans. Amer. Math. Soc. **367** (2015), 2487-2507
- (21) J. Chen, Y. Li: *Bubble tree of branched immersions and applications to the Willmore functional*, Amer. J. Math. **136** (2014), 1107-1154
- (22) J. Chen, Y. Li: *Homotopy classes of harmonic maps of the stratified 2-spheres and applications to geometric flows*, Adv. Math. **263** (2014), 357-388
- (23) J. Chen: *The Willmore functional of surfaces*, Appl Math J. Chinese Univ. (2013) **28** (4): 485-493
- (24) J. Chen, J. Li: *Detecting quaternionic maps between hyperkahler manifolds*, Commun. Math. Stat. (2013) **1**: 305-314
- (25) A. Chau, J. Chen, Y. Yuan: *Lagrangian mean curvature flow for entire Lipschitz graphs II*, Math. Annalen (2013) **357**: 165-183
- (26) J. Chen, T. Lamm: *A Bernstein Type Theorem for Entire Willmore Graphs*, J. Geom. Anal., **23** (2013), no.1, 456-469
- (27) A. Chau, J. Chen, W. He: *Lagrangian mean curvature flow for entire Lipschitz graphs*, Calc. Var. and Partial Differential Equations, **44** (2012), 199-220
- (28) A. Chau, J. Chen, Y. Yuan: *Rigidity of entire self-similar solutions to curvature flows*, J. Reine. Angew. Math. (Crelle's Journal), **664** (2012), 229-239
- (29) J. Chen: *Some recent progress on mean curvature flow for entire Lagrangian graphs*, Surveys in Geometric Analysis and Relativity, ALM **20** (2011), 49-58
- (30) J. Chen, W. He: *A note on singular time of mean curvature flow*, Math. Z., **266** (2010), 921-931
- (31) J. Chen, A. Fraser: *On stable minimal disks in manifolds with nonnegative isotropic curvature*, J. Reine. Angew. Math. (Crelles Journal) **643** (2010), 21-37
- (32) J. Chen, A. Fraser: *Holomorphic variations and index of minimal disks with boundary in a Lagrangian surface*, Canadian J. Math. **62** (2010), no.6, 1264-1275
- (33) J. Chen, M. Warren, Y. Yuan: *A priori estimate for convex solutions of special Lagrangian equations and its applications*, Comm. Pure Appl. Math., Vol. **62**, Issue 4 (2009), 583-595
- (34) J. Chen, C. Pang: *Uniqueness of unbounded solutions of the Lagrangian mean curvature flow for graphs*, C. R. Math. Acad. Sci. Paris, Ser. I, **347** (2009), 1031-1034
- (35) J. Chen, Y. Yuan: *Minimal cones with isotropic links*, IMRN, no.22 (2006), 1-14
- (36) J. Chen, J. Li: *Quaternionic maps and minimal surfaces*, Ann. Scuo. Norm. Sup. Pisa, Cl. Sci. (5), Vol. IV (2005), 375-388
- (37) J. Chen, J. Li: *Singularity of mean curvature flow of Lagrangian submanifolds*, Inventiones Math, **156** (2004), 25-51
- (38) J. Chen: *Special Lagrangian sections and Hermitian Yang-Mills connections*, Communications in Comtemp. Math. **6** (2004), no.1, 25-59
- (39) J. Bao, J. Chen: *Optimal regularity for convex solutions of special Lagrangian equations in dimension 3*, Indiana University Math. J. **52** (2003), no.5. 1231-1249
- (40) J. Bao, J. Chen, B. Guan, M. Ji: *Liouville property and regularity of a Hessian quotient equation*, Amer. J. Math. **125** (2003), no.2, 301-316
- (41) J. Chen: *Deforming surfaces in four dimensional manifolds*, Symplectic and contact topology interactions and perspectives (Toronto/Montreal, 2001), 79-88, Fields Inst. Commun. **35**, AMS 2003
- (42) J. Chen, J. Li: *Quaternionic maps between hyperkahler manifolds*, J. Differential Geom. **55** (2001), no.2, 355-384

- (43) J. Chen, J. Li: *Mean curvature flow of surfaces in 4-manifolds*, Adv. Math. **163** (2001), no.2, 287-309
- (44) J. Chen: *Lagrangian sections and holomorphic $U(1)$ -bundles*, Pacific J. Math. **203** (2002), no.1, 139-160
- (45) J. Chen, J. Li, G. Tian: *Two dimensional graphs moved by mean curvature flow in R^4* , Acta Math. Sin. (Engl. Ser.) **18** (2002), no.2, 209-224
- (46) J. Chen, G. Tian: *Moving symplectic curves in Kähler surfaces*, Acta Math. Sin. (Engl. Ser.) **16** (2000), no.4, 541-548
- (47) J. Chen: *Complex anti-self-dual connections on a product of two Calabi-Yau surfaces and triholomorphic curves*, Commun. Math. Physics, **201** (1999), no.1, 217-247
- (48) J. Chen, G. Tian: *Compactification of moduli space of harmonic mappings*, Comment. Math. Helv. **74** (1999), no.2, 201-237
- (49) J. Chen: *Convergence of anti-self-dual connections on $SU(n)$ -bundles over product of two Riemann surfaces*, Commun. Math. Physics, **196**, no.3 (1998), 571-590
- (50) J. Chen, G. Tian: *Minimal surfaces in Riemannian 4-manifolds*, Geom. Funct. Anal. GAFA, **7** (1997) no.5, 873-917
- (51) J. Chen, P. Hsu: *Gradient estimates for harmonic functions on manifolds with Lipschitz metrics*, Canadian J. Math. **50** (1998), no.6, 1163-1175
- (52) J. Chen: *Structures on certain harmonic maps into Kähler manifolds*, Internat. J. Math. **8** (1997), no.5, 573-581
- (53) J. Chen, S. Li: *Holomorphic extensions of maps from the boundary of Kähler manifolds*, Tohoku Math. J. **49** (1997), no.4, 585-597
- (54) J. Chen: *Stable harmonic maps into the complex projective spaces*, J. Differential Geom. **43** (1996), no.1, 42-65
- (55) J. Chen: *A boundary value problem for Hermitian harmonic maps and applications*, Proc. AMS, **124** (1996), no.9, 2853-2862
- (56) J. Chen: *On energy minimizing mappings between and into singular spaces*, Duke Math. J. **79** (1995), no.1, 77-99
- (57) J. Chen: *The local structure of nodal set of solutions of Schrödinger equation of Riemannian 3-manifolds*, Manuscripta Math. **85** (1994), no.3-4, 255-263
- (58) J. Chen: *Stable harmonic maps into S^2* , Report of the first JMS Int'l Research Institute of Geometry and Global Analysis, Sendai, Japan, Ed. by T. Kotuke, S. Nishikawa and R. Schoen (1993), 431-436.
- (59) J. Chen: *Harmonic mappings from Riemann surfaces*, Conference on harmonic maps, harmonic morphisms and related topics (Brest, 1997), 153-158. Chapman & Hall/CRM Res. Notes Math. **413**, 2000

Graduate students supervision

- (1) Jialing Zhang (PhD, 2020-2025, expected, co-supervise with A. Fraser)
- (2) Patrik Sékou Coulibaly (PhD. 2020-)
- (3) Han Hong (PhD, 2017-2021, co-supervise with A. Fraser)
- (4) Liding Huang (PhD. 2019-2021)
- (5) John Man-chun Ma (PhD, 2012-2017)
- (6) Chao Pang (PhD, 2007-2013, co-supervise with A. Fraser)
- (7) Micah Cocos (PhD, 1999-2003)
- (8) Samuel Hikspoors (MSc. 2003-2004)
- (9) Colin Gavin (MSc. 2015-2017)
- (10) Jan Bohr (visiting MSc, 2016-2017)

Postdocs supervison (some co-supervised with colleagues)

- (1) Tin Yau Tsang (2024-)
- (2) Zhichao Wang (2021-2023)
- (3) Brian Freidin (2019-2021)
- (4) Man Chun Lee (2018-2019)
- (5) Nicolau Sarquis Alex (2017-2020)
- (6) Tobias Huxol (2016-2019)

- (7) Liangming Shen (2015-2018)
- (8) Martin Li (2011-2013)
- (9) Tobias Lamm (2008-2010)
- (10) Weiyong He (2007-2009)
- (11) Leobardo Rosales (2007-2008)
- (12) Yu Yan (2004-07)

Invited presentations (Conferences, workshops):

- (1) The 4th Symposium in Geometry and Differential Equations, Hefei (July 1-5, 2024)
- (2) Workshop on Geometry and Nonlinear PDE, Dalian (June 16-20, 2024)
- (3) Conference on PDE and Geometric Analysis, Xi'an (July 5-9, 2024)
- (4) Int'l Conf. in Differential Geometry, Capital Normal U, Beijing (June 14-16, 2024)
- (5) The Fifth Taiwan International Conference on Geometry, Taipei (Jan 15-19, 2024)
- (6) Conference on Geometric Analysis and PDEs, Xiamen (Dec 15-18, 2023)
- (7) Conference in Memory of Professor Jiangong Chen, Hangzhou (Nov 18-19, 2023)
- (8) CMS Winter Meeting, Vancouver, BC (Dec 2-7, 2021, on-line)
- (9) Rutgers Geometry Conference, New Burnswick, NJ (May 21, 2021, on-line)
- (10) Int'l Conf. on Geometric Analysis and Partial Differential Equations, Chengdu (May 1-4, 2021, on-line)
- (11) Int'l Conf. on Canonical Metrics and Nonlinear PDEs in Geometry, Wuhan (Mar 19-21, 2021, on-line)
- (12) Workshop on Stability in Mirror Symmetry, Ameri. Inst. Math., California (Dec 7-11, 2020, on-line)
- (13) Workshop on Geometric Analysis, Dalian (Sept 14-18, 2020, on-line)
- (14) Geometric Analysis Workshop - Some topics in differential geometry, Peking U. (July 10, 2019)
- (15) Trends in Modern Geometry, Yau Mathematical Sciences Center, Beijing (June 24-29, 2019)
- (16) AMS Meeting, Session on Differential Geometry, Honolulu (Mar 22-24, 2019)
- (17) Geometry of Moduli Spaces for Low Dimensional Manifolds, RIMS, Kyoto U. (Jan 7-10, 2019)
- (18) CMS Winter Meeting, Geometric Analysis and Spectral Geometry, Vancouver (Dec 9-11, 2018)
- (19) AMS Meeting, Session on Geometric Analysis, San Fransisco (Oct 27-28, 2018)
- (20) Workshop on Singularity and Geometry, Peking University, (July 10, 2018)
- (21) Int'l Conference on Geometric Analysis, Tsinghua Univ., Beijing, (May 21-25, 2018)
- (22) Workshop on Lagrangian Mean Curvature Flow: Progress and Problems, UCL, UK, (Jan 4-5, 2018)
- (23) Conf. on Geometric Analysis and Nonlinear PDEs, South Durras, NSW, Australia, (Feb 5-9, 2018)
- (24) Int'l Conference on Differential Geometry, U. Sydney, (Jan 29-Feb 2, 2018)
- (25) Conference: Perspectives in Geometric Analysis, BICMR, Beijing, (July 3, 2016)
- (26) Conference: Perspectives in Geometric Analysis, Xi'an Jiaotong Univ., Xi'an, (July 5, 2016)
- (27) School and Workshop in Geometric Analysis, KIAS, Seoul, Korea, (December 7-11, 2015)
- (28) Workshop on Perspectives in Geometric Analysis Imperial College of London, UK (July 15, 2015)
- (29) Int'l Workshop on Conformal Geometry and Geometric PDE, Beijing, (June 29-July 3, 2015)
- (30) Workshop on Geometric Analysis 2015, Xiamen, China, (May 17-22, 2015)
- (31) Workshop on Geometric Flows: Recent Developments and Applications, BIRS, (Apr. 12-17, 2015)
- (32) The 4th BNU-PDE Workshop, Beijing, (July 27-August 1, 2014)
- (33) Workshop on Geometric Analysis 2014, Xi'an, China, (May 24-31, 2014)
- (34) Workshop on Geometric PDE, Oxford University, UK, (March 17-18, 2014)
- (35) Conference on Morden Analysis - in honour of Prof. K.K. Chen, Fudan U., Shanghai (June 3-7, 2013)
- (36) ICTP-ESF School and Conference on Geometric Analysis, Trieste, Italy (June 26, 2012)
- (37) Workshop on Geometric Flows and Related Topics, M.I.T., Boston, (April 24-25, 2012)
- (38) Workshop on Geometric Analysis, Frankfurt, Germany, (March 27-30, 2012)
- (39) Inter'l Conference on Harmonic Anal. and PDEs, Hongzhou,, China, (Nov. 3-6, 2011)
- (40) Nanjing Conference on Metric Geometry and Applications, Nanjing, China, (July 26-29, 2011)
- (41) 2011 Xiamen Conference on Geometric PDE, Xiamen, China, (June 27-July 1, 2011)
- (42) BIRS workshop on Geometric Flows, Banff, Canada, (April, 2011)
- (43) Int'l Conference on Differential Geometry and PDE, Yangzhou, China, (April 2011)
- (44) Int'l Conference on Geometric Nonlinear PDEs, Beijing, (June 2010)
- (45) AMS-MMS 8th Joint Meeting, Berkeley, CA, (June 2010)

- (46) Differentialgeometrie im Großen, Oberwolfach, Germany (July 2009)
- (47) Workshop on Geometric Analysis and PDEs, Brisbane, Australia (July 2009)
- (48) Int'l Workshop on Geometric Analysis, Tengchong, Yunnan, China (June 2009)
- (49) CMS meeting, St John's, Newfoundland (June, 2009)
- (50) International Conference on PDE and Applications, Harbin, China (July, 2008)
- (51) Workshop on Geometric Analysis, Wuhan, China (July, 2008)
- (52) Mini-course (6 lectures), ICTP, Trieste, Italy (June, 2008)
- (53) Geometric Evolution Equations, CRM, Montreal, Quebec (June, 2008)
- (54) Int'l Workshop on Complex Differential Geometry, Hefei, China (A 2007)
- (55) Int'l Conference on PDE and Applications, Peking Univ., China (June 2007)
- (56) Int'l Conference on Geometric Analysis, S.S. Chern Institute for Math., Tianjin (June 2007)
- (57) 8th Pacific Rim Geometry Conference, Australia (December, 2006)
- (58) 1st CMS/MMS Conference, Mexico (September, 2006)
- (59) Int'l Conference on Differential Geometry and Analysis, Nanjing, China (June 2005)
- (60) Int'l Conference on Geometric Analysis, Changsha, China (May 2005)
- (61) Two talks at Workshop on Geometric Analysis, Tohoku Univ., Japan (February, 2005)
- (62) Impromptu PDEfest at PIMS, UBC (June 17, 2003)
- (63) Great Lakes Geometry Conference, University of Wisconsin, Madison (May 1-4, 2003)
- (64) Differential Geometry Session, AMS Meeting, Boston (October, 2002)
- (65) Thematic Program in Nonlinear PDEs, Vancouver (August, 2001)
- (66) Conference on Perspectives in Low Dimensional Geometry, Cortona, Italy (June, 2001)
- (67) Workshop in Geometric Analysis, University of California, Irvine (July, 2000)
- (68) Canada-China Joint Conference on Mathematical Sciences, Beijing (August, 1999)
- (69) Int'l Conference on Symplectic Topology, Sichuan, China (August, 1999)
- (70) Workshop on Geometric Analysis, Chinese Univ. of Hong Kong, Hong Kong, (July, 1998)
- (71) Pacific Rim Geometry Conference, Vancouver, Canada, (June 30, 1998).
- (72) Program on Geometric Analysis (8 lectures series), Morningside Inst., Beijing (May-June, 1998)
- (73) AMS Meeting, Davis, California (April, 1998)
- (74) AMS Meeting, Baltimore, Maryland (January, 1998)
- (75) Workshop on Complex Differential Geometry, Inst. of Math., U. Warwick, England (July, 1997)
- (76) Conf. on Harmonic Maps, Harmonic Morphisms and Related Topics, Brest, France (July 1997)
- (77) Geometry Workshop, MSRI, Berkeley (1994)
- (78) Geometry Workshop, MSRI, Berkeley (1993)
- (79) First MSJ Int'l Research Inst. on Geometry and Global Analysis, Sendai, Japan (1993).
- (80) AMS Meeting, Salt Lake City, Utah (1993)

Invited presentations (seminars, colloquia, lectures):

- (1) Colloquium, Wuhan University (Nov 27, 2024)
- (2) Seminar, UC Santa Cruz (Oct 23, 2024)
- (3) Seminar, SL Math (MSRI) (Oct 9, 2024)
- (4) Seminar, UC Irvine (Oct 1, 2024)
- (5) Seminar, CAS, Beijing (July 18, 2024)
- (6) Seminar, Tsinghua U, Beijing (July 15, 2024)
- (7) Seminar, Beijing Jiaotong U, Beijing (June 26, 2024)
- (8) Colloquium, CUHK, Hong Kong (May 6, 2024)
- (9) Seminar, University of Hong Kong, Hong Kong (May 2, 2024)
- (10) Differential Geometry & PDE Seminar, Univ. of Washington, Seattle (Feb 21, 2024)
- (11) Special Colloquium, Ningbo University, Ningbo (Dec 19, 2023)
- (12) School Colloquium, Peking University, Beijing (Dec 8, 2023)
- (13) Special Seminar, Beijing Normal University, Beijing (Nov 29, 2023)
- (14) 4 lectures at Xiamen University, Xiamen (Nov 20 - 24, 2023)
- (15) Seminar, Zhejiang Normal University, Jinhua (Nov 15, 2023)
- (16) Zhejiang U of Science and Technology, Hangzhou (Nov 14, 2023)

- (17) Geometry & Topology Seminar, Peking University, Beijing (June 21, 2023)
- (18) PDE Seminar, CAS, Beijing (Nov 30, 2023)
- (19) Colloquium, Tsinghua University, Beijing (Nov 23, 2023)
- (20) 4 lectures at International Summer School of USTC, Hefei (July 17 - 20, 2023)
- (21) Seminar, Yau Mathematical Sciences Center, Beijing (June 30, 2023)
- (22) Geometric Analysis Seminar, Tsinghua University, Beijing (June 27, 2023)
- (23) Geometry Analysis Seminar, BICMR, Beijing (June 21, 2023)
- (24) Geometriy & Topology Seminar, Capital Normal University, Beijing (June 13, 2023)
- (25) Colloquium, Tsinghua U. Beijing (Dec 9, 2022, on-line)
- (26) SCMS Colloquium, Shanghai Center for Mathematical Sciences, Shanghai (Nov 14, 2022, on-line)
- (27) Geometry and Topology Seminar, Peking U. (Nov 9, 2022)
- (28) Geometric Analysis Seminar, Tsinghua University, Beijing (Mar 12, 2021, on-line)
- (29) Differential Geometry and PDE Seminar, University of Washington, Seattle, (Mar 5, 2020)
- (30) Geometric Analysis Seminar, Reming University of China, Beijing (Dec 3, 2020, on-line)
- (31) Colloquium, School of Math, Beijing Normal University, (Jan 3, 2020)
- (32) Academy of Math and System Sciences, CAS, Beijing (Dec 31, 2019)
- (33) Chinese University of Hong Kong (July 30, 2019)
- (34) Zhejiang University of Science and Technology, Hangzhou (July 12, 2019)
- (35) Geometric Analysis Workshop - Some topics in differential geometry, Peking Univ. (July 10, 2019)
- (36) University of Science and Technology of China, Hefei (July 1, 2019)
- (37) Geometric Analysis Seminar, Tsinghua University, Beijing (May 30, 2019)
- (38) PDE Seminar, Beijing Normal University (May 29, 2019)
- (39) Colloquium, Arizona State University, Tempe, (April 25, 2019)
- (40) Differential Geometry Seminar, Arizona State University, Tempe (April 26, 2019)
- (41) Geometry and Analysis Seminar, University of California, Santa Cruz (Oct 26, 2018)
- (42) Mini-course on Hamiltonian Stationary Lagrangian Submanifolds, Xi'an Jiaotong U. (Aug 2-4, 2018)
- (43) Differential Geometry Seminar, University of California, San Diego (April 18, 2018)
- (44) Differential Geometry/PDE Seminar, U. Washington, Seattle (Mar 22, 2018)
- (45) Geometric Analysis Seminar, Cornell University, Ithaca, NY (Sept 1, 2017)
- (46) Geometric Analysis Seminar, Chinese Academy of Sciences, Beijing (July 14, 2017)
- (47) Geometric Analysis Seminar, Tsinghua Univ. Beijing (April 13, 2017)
- (48) Seminar on PDE, Beijing Normal University (Apr 12, 2017)
- (49) Colloquium (The Oliver Club), Cornell University, Ithaca, NY (Oct 6, 2016)
- (50) Geometry Seminar, East China Normal University, Shanghai (July 30, 2016)
- (51) Geometric Analysis Seminar, Tsinghua Univ., Beijing (July 21, 2016)
- (52) PDE Seminar, Beijing Normal University, Beijing (July 21, 2016)
- (53) Colloquium, Academy of Math and System Sciences, Chinese Academy Sci. (July 18, 2016)
- (54) Lecture, Beijing Jiaotong University, Beijing (July 13, 2016)
- (55) Geometry Seminar, MSRI, Berkeley, CA (March 30, 2016)
- (56) Differential Geometry Seminar, University of California, Irvine (Mar 1, 2016)
- (57) Colloquium, University of California, Santa Cruz (Feb 23, 2016)
- (58) Colloquium, Tsinghua University, Beijing, (January 15, 2016)
- (59) Geometry and PDE Seminar, Beijing Normal University (Jan 14, 2016)
- (60) PDE Seminar, Beijing Normal University (June 8, 2015)
- (61) Differential Geometry and PDE seminar, Univ of Washington, Seattle (Mar 20, 2015)
- (62) Colloquium, Academy of Math and Systems Science, CAS (Aug 13, 2014)
- (63) Differential Geometry seminar, Capital Normal University, Beijing (July 24, 2014)
- (64) Mini-course on minimal surfaces, Beijing Normal University (July 21-24, 2014)
- (65) Geometry Colloquium, Graduate School of Mathematical Sciences, Tokyo Univ, (July 17, 2014)
- (66) Tsinghua University, Beijing (May 30, 2014)
- (67) Geometric Analysis seminar, University of Oregon, (May 6, 2014)
- (68) Colloquium, Academy of Math and System Sciences, Chinese Academy of Sci (Aug 14, 2013)
- (69) Seminar, Beijing Normal University (Aug 5 , 2013)

- (70) Hangzhou Normal University, Hangzhou (June 3, 2013)
- (71) Differential Geometry seminar, University of Minnesota (April 12, 2013)
- (72) DG-Math Physics-PDE seminar, UBC (January 15, 2013)
- (73) Geometry seminar, Capital Normal University, Beijing (July 2012)
- (74) Special PDE seminar, Beijing Normal University (August 4, 2012)
- (75) Geometric Analysis seminar, Tsinghua University, Beijing (July 2012)
- (76) Geometry and Analysis seminar, Imperial College of London (June 22, 2012)
- (77) CUNY Graduate Center, New York, (April 17, 2012)
- (78) Differ Geom/PDE seminar, Univ. of Washington, Seattle, (March 14, 2012)
- (79) Geometry/Topology seminar, SUNY Stony Brook, NY (Mar 6, 2012)
- (80) Nonlinear Analysis seminar, Rutgers Univ., Newbruswick, NJ (Feb. 14, 2012)
- (81) Geometric Analysis seminar, Univ. of Oregon (Feb. 6, 2012)
- (82) Geometric Analysis seminar, Zhejiang Univ. Hangzhou, China, (Nov. 4, 2011)
- (83) Special Colloquium, Zhejiang Sci. and Tech. Univ., Hangzhou (Nov. 2011)
- (84) Differential Geom. and Geom. Analysis seminar, Princeton University (Sept. 30, 2011)
- (85) PDE seminar, Beijing Normal University (July 2011)
- (86) Geometric Analysis seminar, Tsinghua Univ., Beijing (July 2011)
- (87) Analysis Seminar, John's Hopkins Univ. Baltimore, MD (November 2010).
- (88) Colloquium, Institute of mathematics, Academia Sinica, Beijing (June 2010)
- (89) Special Colloquium, Beijing Normal University, Beijing (August 2009)
- (90) PDE and Analysis seminar, Australia National University, Canberra, Australia (July 2009)
- (91) Geometric Analysis seminar, Princeton University (April, 2009).
- (92) Geometry seminar, University of California, Irvine (March 6, 2009)
- (93) Geometry seminar, Stanford University (May 2008).
- (94) Differential Geometry and PDE seminar, University of Washington, Seattle (May, 2008).
- (95) Geometric Analysis Seminar, University of Wisconsin, Madison (October 2007)
- (96) Differential Geometry/PDE seminar, University of Washington (May 2007)
- (97) Two Lectures at The National University of Taiwan, Taipei (April, 2005)
- (98) Mathematics Seminar, ICTP, Trieste, Italy (April, 2005)
- (99) Mathematics Seminar, ICTP, Trieste, Italy (March, 2005)
- (100) Geometry Seminar, University of California, Irvine (November, 2004)
- (101) Geometry Seminar, University of California, Santa Barbara (November, 2004)
- (102) Differential Geometry Seminar, Stanford University (November, 2004)
- (103) Colloquium, Stanford University (October, 2004)
- (104) Geometry/PDE Seminar, University of Notre Dame (October, 2004)
- (105) Geometry Seminar, University of California, San Diego (February 20, 2003)
- (106) CMS Coxeter-James Prize Lecture, Vancouver (December 2003)
- (107) Geometry Seminar, Brown University (April 23, 2003)
- (108) Colloquium, University of Connecticut (April 3, 2003)
- (109) MIT Differential Geometry Seminar, M.I.T. (March 31, 2003)
- (110) Colloquium, McMaster University (March 14, 2003)
- (111) Differential Geometry/PDE Seminar, University of Washington, Seattle (October, 2002)
- (112) Geometric Analysis Seminar, Tshinghua University, China (May 2002)
- (113) Colloquium, Beijing Normal University, China (May, 2002)
- (114) Geometric Analysis Seminar, University of Tennessee, Knoxville (February, 2002).
- (115) Andre-Aisenstadt Prize Lecture, CRM (January, 2002)
- (116) Geometric Analysis Seminar, Peking University (July, 2001)
- (117) Fudan University, Shanghai (December, 2000)
- (118) Geometry Seminar, University of Minnesota (October, 2000)
- (119) Geometry and PDE Seminar, Peking University, (June, 2000)
- (120) Differential Geometry Seminar, Stanford University (April, 2000)
- (121) National University of Singapore, Singapore (January, 2000)
- (122) Chinese University of Hong Kong, Hong Kong (December, 1999)

- (123) Morningside Institute, Beijing (August, 1999)
- (124) Geometry Seminar, Princeton University (May 1999)
- (125) Geometry and PDE Seminar, Inst. of Math., Academic Sinica, Beijing (Jan,1999)
- (126) Geometry Seminar, Brown University (November, 1998)
- (127) String Theory Seminar, Inst. of Theoretical Physics, Academic Sinica, Beijing (Aug, 1998)
- (128) Colloquium, Hangzhou University, Hangzhou, China (May, 1998)
- (129) Differential Geometry and PDE Seminar, Inst. of Math., Academic Sinica, Beijing (June, 1997)
- (130) Analysis Seminar, Courant Institute, New York University (February, 1997)
- (131) Differential Geometry Seminar, Brown University (February, 1997)
- (132) Nonlinear Analysis Seminar, Rutgers University (November, 1996)
- (133) Colloquium, Dartmouth College (October, 1996)
- (134) Geometry and PDE Seminar, Inst. of Mathematics, Academia Sinica, Beijing (Aug., 1996)
- (135) Geometry Seminar, Courant Institute, New York University (April, 1995)
- (136) Geometry Seminar, University of Chicago (May, 1995)
- (137) Analysis Seminar, Northwestern University (1995)
- (138) Colloquium, University of Tennessee (1995)
- (139) Colloquium, University of Alabama at Birmingham (1995)
- (140) Dynamical System Seminar, Northwestern University (1994)
- (141) Geometry and PDE Seminar, Inst. of Math, Academia Sinica, Beijing (1994)
- (142) Geometry and Analysis Seminar, UCLA-USC (1994)
- (143) Geometry Seminar, University of California at Irvine (1992)

Conference organization

- (1) Lead organizer, 5-day Workshop at BIRS (with R. Bamler, A. Bhattacharya, P. Topping, G. Tian), 2025
- (2) PIMS-NCTS joint even in Geometric Analysis (with A. Fraser and Y.-I. Lee), Vancouver, 2026
- (3) Organizing Committee (with Sharp, Lamm, Maeder-Baumdicker): BIRS-Okanagan 5-day Workshop on Non-linear critical point theory in analysis and geometry (Aug 6-11, 2023)
- (4) CRG Workshop on Geometric Analysis, UBC (May 18-19, 2019)
- (5) Organizing Committee: PIMS CRG Workshop on Geometric Analysis (May 18-19, 2019)
- (6) Organizing Committee: Pacific Northwest Geometry Seminar, Vancouver (Mar 3-4, 2018)
- (7) Scientific Committee: Conference on Geometric Analysis and Nonlinear Partial Differential Equations, South Durras, NSW, Australia (Feb 5-9, 2018)
- (8) Organizing & Scientific Committees: Conf. on Geometric Analysis, PIMS/UBC (July 24-28, 2017)
- (9) Scientific Committee: Perspectives in Geometric Analysis (June 26-July 7, 2016) - Joint event of ANU-BICMR-PIMS-UW at the Beijing International Center of Mathematical Research
- (10) Scientific Committee: The 4th BNU-PDE Workshop (July 27-Aug 1, 2014)
- (11) Coorganizer (with Fraser, Lamm): Workshop on Geometric Variational Problems, BIRS (Dec, 2013)
- (12) Coorganizer (with Chau, Fraser): Pacific Northwest Geometry Seminar, Vancouver (May 5-6, 2012)
- (13) Organizer: PIMS workshop on Geometric Analysis, Vancouver (April 26, 2011)
- (14) Coorganizer (with Fraser, Viaclovsky, Yuan) & Scientific committee (with Ballmann, Lott, Mabuchi, Schoen, Tian): PRIMA Conference on Geometric Analysis, Vancouver (July 20-30, 2010)
- (15) Scientific committee: Int'l Workshop on Geometric Analysis, Lanzhou, China (Aug 1-7, 2010)
- (16) Coorganizer (with W. Ding, G. Tian): Session on Geometric Analysis, the first PRIMA Congress, Sydney, Australia (July, 2009)
- (17) Coorganizer: Pacific Northwest Geometry Seminar, Vancouver (May 2-3, 2009)
- (18) Scientific Committee: Workshop on Geometric Analysis, Yunnan, China (June, 2009)
- (19) Coorganizer: Summer School in Geometric Analysis at U. of Washington (Aug, 2007)
- (20) Coorganizer: Workshop on Minimal Submanifolds and Related Topics, BIRS (Dec, 2007)
- (21) Coorganizer: Pacific Northwest Geometry Seminar, Vancouver (April, 2006)
- (22) Coorganizer: International Conference on Geometric Analysis, Ningbo, China (June 2006)
- (23) Coorganizer: Workshop on Geometric Evolution Equations, BIRS (July, 2004)
- (24) Coorganizer: New Developments in Variational Methods and Applications, BIRS (May, 2004)
- (25) Coorganizer: Workshop on Perspectives in Differential Geometry, BIRS (July, 2003)
- (26) Organizer: Special Session in Differential Geometry, CMS Meeting, Quebec City (June, 2002)
- (27) Coorganizer: Thematic Program of PIMS on Nonlinear PDE, Vancouver (Aug, 2001)
- (28) Coorganizer: The 2nd Canada-China Mathematical Sciences Conference, Vancouver (Aug, 2001)
- (29) Coorganizer: Pacific Northwest Geometry Conference, Vancouver (May, 2000)
- (30) Coorganizer: Pacific Rim Geometry Conference, Vancouver (June, 1998)

Editorship

CJM, CMB (2022 - present)