

学会発表等

By Qing-Ming Cheng

1. Complete hypersurfaces in spheres, Workshop on Differential Geometry, March 9, 2019, Shanghai University, Shanghai, China
2. Chern problems on minimal hypersurfaces, Seminar on differential geometry in Fudan University, March 8, 2019, Shanghai, China
3. Chern problems on minimal hypersurfaces, Seminar on differential geometry in Beijing Normal University, March. 6, 2019, Beijing, China
4. Chern problems on minimal hypersurfaces, Seminar on differential geometry in Tsinghua University, March. 5, 2019, Beijing, China
5. 平均曲率フローの完備セルフ-シュリンカーについて, 東北大学「幾何と解析セミナー」, 2019年2月21日, 東北大学
6. Complete λ -hypersurfaces, Workshop on Global Differential Geometry, January 2-3, 2019, National Taiwan University, Taiwan
7. Complete self-shrinkers of mean curvature flow, The second annual meeting of International Consortium of Chinese Mathematicians, December 27-29, 2018, National Taiwan University, Taiwan
8. 完備ラグランジュセルフ-シュリンカー, 福岡大学微分幾何研究集会 2018, 2018年11月2-5日, 福岡大学セミナーハウス
9. Singularities of mean curvature flow, Colloquium on Chern Institute of Mathematics, October 25, 2018, Nankai University, Tianjin, China
10. 2-dimensional complete self-shrinkers, The 7th conference on geometry and topology of submanifolds, September 24-28, 2018, Zhejiang University, Hangzhou, China
11. 2-dimensional complete self-shrinkers, Seminar on Differential Geometry, August 4, Tsinghua University, Beijing, China
12. ラグランジュセルフ-シュリンカーの分類について, 北海道大学「幾何学コロキウム」, 2018年7月23日, 北海道大学

13. 2次元ラグランジュセルフ-シュリンカーについて, 中央大学「幾何・トポロジーセミナー」, 2018年6月23日, 中央大学
14. Complete Lagrangian self-shrinkers of mean curvature flow, Seminar on differential geometry in Fudan University, March 16, 2018, Shanghai, China
15. A classification of complete Lagrangian self-shrinkers, Seminar on differential geometry in Tsinghua University, Jan. 19, 2018, Beijing, China
16. Complete Lagrangian self-shrinkers in R^4 , Seminar on differential geometry in Beijing Normal University, Jan. 18, 2018, Beijing, China
17. Lagrangian self-shrinkers of mean curvature flow, The 6th workshop on geometry of submanifolds, October 12-15, 2017, Wuhan University, Wuhan, China
18. Complete Lagrangian self-shrinkers, Seminar on differential geometry in Henan Normal University, September 10, 2017, China
19. A characterization of 2-dimensional self-shrinkers, Seminar on differential geometry in Sichuan University, August 2, 2017, Chengdu, China
20. Estimates for eigenvalues of Laplacian and an obstruction of minimal immersions, Conference on Differential geometry, June 26-28, 2017, Shanghai Center of Mathematical Sciences, Fudan University, Shanghai, China
21. Estimates for eigenvalues of the clamped plate problem, Seminar on differential geometry in Fudan University, June 19, 2017, Shanghai, China
22. A characterization of Clifford hypersurfaces, Seminar on differential geometry in Shanghai Center of Mathematical Sciences, Feb. 20, 2017, Fudan University, Shanghai, China
23. The first eigenvalue of Jacobi operator, Seminar in Southwest University, December 26, 2016, Southwest University, Chongqing, China
24. Complete self-shrinkers, Workshop on geometry in Shanghai Center of Mathematical Sciences, November 20, 2016, Fudan University, Shanghai, China
25. Estimates for the first eigenvalue of Jacobi operator on hypersurfaces, The 5th workshop on geometry of submanifolds, October 27-31, 2016, Tsinghua University, Beijing, China
26. Geometry of complete λ -hypersurfaces, Geometric Analysis on Riemannian and Metric Spaces, September 5-9, 2016, Kyoto University, Kyoto

27. 2-dimensional complete self-shrinkers, the workshop on differential geometry, August 22-24, 2016, Jiangxi Normal University, Nanchang, China
28. Geometry of surfaces, Seminar in Jiangxi Normal University, August 18, 2016, Jiangxi Normal University, China
29. λ -トーラスの構成について, 福岡大学幾何学セミナー, 2016年5月26日, 福岡大学
30. An embedded λ -tori, Seminar on differential geometry, Henan Normal University, May 4, 2016, Xinxiang, China
31. Embedded λ -tori and area growth of complete λ -hypersurfaces, The workshop on differential geometry, April 24, 2016, Fudan University
32. Complete self-shrinkers, Seminar in Guangxi Normal University, March 25, 2016, Guangxi Normal University, Guilin, China.
33. Geometry of λ -hypersurfaces of the weighted volume-preserving mean curvature flow, 日本数学会年会企画特別講演, 日本数学会年会, 2016年3月16日 - 19日, 筑波大学
34. Geometry of critical points of weighted area functional, School & Workshop on Geometric Analysis, December 7-11, 2015, KIAS, Korea.
35. 汎関数の臨界点の幾何学, 広島幾何学研究集会 2015, 2015年10月7日-9日, 広島大学.
36. Geometry of λ -hypersurfaces, International conference on geometry and topology of submanifolds, September 25-28, 2015, Henan Normal University, Henan, China.
37. Geometry of critical points of functional, June 23, 2015, Wuhan University, Wuhan, China.
38. Complete λ -hypersurfaces of the weighted volume-preserving mean curvature flow, March 24, 2015, Sichuan University, Chengdu, China.
39. 重み付き体積を保つ平均曲率フロー, 研究集会「リーマン幾何と幾何解析」, 2015年3月6日 - 7日, 筑波大学.
40. On critical points of functional, March 3, 2015, Beijing Normal University, Beijing, China.
41. The weighted volume-preserving mean curvature flow, Jan. 15, 2015, South China Normal University, Guangzhou, China.

42. Eigenvalues of the Paneitz operator, November 13, 2014, Tsinghua University, Beijing, China.
43. 重み付き体積保存変分について, 広島幾何学研究集会 2014, 2014年10月8日-11日, 広島大学.
44. Critical points of the weighted area functional, The 10th Geometry Conference for the Friendship of China and Japan, September 6-12, 2014, Fudan University, Shanghai, China
45. The weighted volume-preserving variations, Workshop on Differential Geometry, August 28, 2014, Henan Normal University, China.
46. From self-shrinkers to λ -hypersurfaces, August 17, 2014, Beijing Normal University, Beijing, China.
47. On the weighted area functional, August 7, 2014, Nankai University, Tianjin, China.
48. Critical points of the weighted volume functional, March 25, 2014, Fujian Normal University, Fuzhou, China.
49. A survey on complete self-shrinkers, March 4, 2014, Beijing Normal University, Beijing, China .
50. On eigenvalues of Laplace operator, Feb. 28, 2014. Guangxi Normal University. Guilin, China.
51. Self-shrinkers of mean curvature flow, International Workshop on Differential Geometry 2014, Feb. 14-16, 2014, Hotel New Imari, Imari.
52. The rigidity of complete self-shrinkers of the mean curvature flow, Jan. 3, 2014, South China Normal University, Guangzhou, China.
53. Complete self-shrinkers of the mean curvature flow, The Eleventh Pacific Rim Geometry Conference, December 10-14, 2013, Fudan University, Shanghai, China.
54. 平均曲率フローの完備セルフシュリンカーについて, 九州大学幾何学セミナー, 2013年9月22日, 九州大学
55. Applications of universal estimates for eigenvalues, August 15, 2013, Beijing Normal University, Beijing, China
56. Universal estimates for eigenvalues and applications, ICCM 2013 The Sixth International Congress of Chinese Mathematicians, July 14-19, 2013, National Taiwan University, Taipei, Taiwan.

57. Eigenvalues of the eigenvalue problem of Laplacian, Geometric Analysis Workshop 2013, June 3-8, 2013, Ningxia University, Yinchuan, China.
58. Applications of universal inequalities for eigenvalues, Fudan University, Shanghai, China, March 15, 2013.
59. Self-shrinkers of the mean curvature flow, Geometry and topology of submanifolds, Fujian Normal University, Fuzhou, China, November 20-25, 2012
60. Complete self-shrinkers, Geometry and something 2012, 福岡大学, November 1-4, 2012
61. Estimates for eigenvalues of the Paneitz operator, The International Conference on Differential Geometry, Fudan University, Shanghai, China, September 21-25, 2012
62. Universal bounds for eigenvalues of Laplacian, Jeju National University, Jeju, Korea, May 4, 2012
63. Estimates for eigenvalues of \mathcal{L} on self-shrinker, Kyungpook National University, Taegu, Korea, May 3, 2012
64. Complete self-shrinkers of the mean curvature flow, Kyungpook National University, Taegu, Korea, May 3, 2012
65. ラプラシアンの固有値の上限と下限について, 松江微分幾何学研究集会 2011, 2011年12月16-17日, 島根大学,
66. Estimates for eigenvalues and applications, Beijing Normal University, Beijing, China, November 22, 2011
67. Universal bounds for eigenvalues of the biharmonic operator, Geometry and something 2011, 2011年11月3-6日, 福岡大学
68. Universal estimates for eigenvalues of the biharmonic operator, South China Normal University, Guangzhou, China, September, 2011
69. A new obstruction on minimal immersions, International workshop on geometry of submanifolds and related topology, Xinxiang Normal University, Henan, China, April 21-24, 2011
70. Estimates for eigenvalues on complete Riemannian manifolds, Differential Geometry and Geometric Analysis, Osaka City University, March 13-15, 2011
71. バックリング問題の固有値に関する普遍不等式について, 金沢大学幾何学セミナー, 2010年11月24日, 金沢大学

72. A new process on universal estimates for eigenvalues of the buckling problem, Fudan University, Shanghai, China, Sept. 10, 2010
73. Can one hear the shape of a drum? Xianyang Normal University, Xianyang, China, Sept. 1, 2010
74. バックリング問題の固有値に関する予想及びその新展望について, 九州大学幾何学セミナー, 2010年7月23日, 九州大学
75. バックリング問題の固有値に関する普遍不等式の研究についての新展望, 東北大学幾何学セミナー, 2010年7月13日, 東北大学
76. A conjecture on eigenvalues of the buckling problem, Wuhan University, Wuhan, China, April 30, 2010
77. On eigenvalues of Laplacian, Hubei University, Wuhan, China, April 29, 2010.
78. Laplace作用素の固有値下限及び上限に関する研究, 金沢大学幾何学セミナー, 2010年2月17日, 金沢大学
79. Indices of hypersurfaces in a sphere, 湯沢研究集会「部分多様体論」, 2009年11月26日-28日, 湯沢グランドホテル
80. A new process on estimates for eigenvalues of the buckling problem, November 5, 2009, Tsinghua University, Beijing, China
81. Indices of compact hypersurfaces, November 4, 2009, Beijing Normal University, Beijing, China
82. A Jacobi operator of hypersurfaces with constant scalar curvature, 幾何学阿蘇研究集会, 2009年9月13日-16日, 阿蘇休暇村
83. Recent developments in universal estimates for eigenvalues of a biharmonic operator, Perspectives and open problems in geometric analysis I, July 6-11, 2009, Zhejiang University, Hangzhou, China
84. Biharmonic作用素の固有値評価の研究について, 東京理科大学幾何学セミナー, 2009年6月11日, 東京理科大学
85. A solution of the PPW problem, The Symposium on Geometry and Analysis on Manifolds, April 25-29, 2009, Chongqing University of Science and Technology, Chongqing, China
86. Hypersurfaces in spheres, Southwest University, April 25, 2009, Chongqing, China

87. Universal inequalities for eigenvalues of a biharmonic operator, The 4th Geometry Conference for the Friendship of China and Japan, December 22-27, 2008, Nankai University, Tenjin, China
88. Upper and lower bounds for eigenvalues of Laplacian, Integrable System, Geometry and Visualization 2008, Kyushu University, December 11-13, 2008
89. 双調和作用素の固有値に関する普遍不等式について, 多様体上の微分方程式, 金沢市いしかわシティカレッジ, 2008年12月1日~3日
90. Universal estimates for eigenvalues of a biharmonic operator, One Day Workshop on Differential Geometry, November 20, 2008, Saga University
91. Estimates for eigenvalues of Laplacian, Capital Normal University, Beijing, October, 2008
92. Eigenvalues of Laplacian on Riemannian manifolds, Perspectives in Geometric Analysis, BICMR, Peking University, October 27-31, 2008
93. Universal estimates for eigenvalues of Laplacian, Wuhan University, October, 2008
94. リーマン多様体における固有値の普遍評価について, 第1回佐賀大学数学研究交流会, 佐賀大学, 2008年9月
95. Estimates for eigenvalues of the buckling problem, 東北大学幾何学セミナー, 2008年7月
96. Estimates for eigenvalues of a biharmonic operator, Zhejiang University, China, May 30, 2008
97. A generalized conjecture of Pólya, International Conference on Differential Geometry, Hefei, China, May 23-27, 2008
98. Universal inequalities for eigenvalues on Riemannian manifolds, Fudan University, Shanghai, China, Sept. 17, 2007
99. Lower bounds for eigenvalues on Riemannian manifolds, Sichuan University, Chengdu, China, Sept. 13, 2007
100. リーマン多様体における Laplacian の固有値評価について, 第54回幾何学シンポジウム, 鹿児島大学, 2007年8月24日-27日
101. First eigenvalue of Jacobi operator of hypersurfaces with constant scalar curvature, International Workshop on hypersurfaces and related topics, Kyungpook National University, Korea, August 10-11, 2007

102. A characterization of Clifford hypersurfaces, International Workshop on hypersurfaces and related topics, Kyungpook National University, Korea, August 10-11, 2007
103. リーマン多様体における Laplacian の固有値に関する研究について, 九州大学幾何学セミナー, 2007年6月8日
104. 楕円微分作用素の固有値について, 名古屋大学幾何学セミナー 2007年3月15日
105. 固有値の上限について, リーマン幾何と幾何解析研究集会, 筑波大学, 2007年3月5日-7日
106. Recent progress on estimates for eigenvalues, The second China-Japan conference on differential geometry, Yunnan Normal University, Kunming, China, Dec. 15-21, 2006
107. First eigenvalue of the Jacobi operator, 広島幾何学研究集会 2006, 広島大学, 2006年10月4日-6日
108. The Buckling problem, TsingHua University, Beijing, China, August 23, 2006
109. Universal inequalities for eigenvalues, 第53回 幾何学シンポジウム, 金沢大学, 2006年8月5日-8日
110. 固有値の普遍不等式について, 九州大学幾何学セミナー, 2006年6月23日
111. Bounds on eigenvalues of Dirichlet Laplacian, 東京大学 PDE 実解析学セミナー, 2006年6月14日
112. Stable minimal hypersurfaces, Kyungpook National University, Korea, April, 2006
113. Geometry of the squared norm of the second fundamental forms, Kyungpook National University, Korea, April, 2006
114. Universal bounds for eigenvalues, 韓国数学会春期年会特別講演, Dong-Ah 大学, Korea, 2006年4月21日
115. On the problem of Payne, Polya and Weinberger, Fudan University, Shanghai, China, March 13, 2006
116. コンパクト超曲面のスカラー曲率について, 福岡微分幾何学研究集会, 福岡大学, 2005年10月7日-10日

117. Inequalities for eigenvalues of a clamped plate problem 日本数学会 2005 年度
秋期総合分科会, 岡山大学, 2005 年 9 月 19 日-22 日
118. Eigenvalues on compact Riemannian manifolds, 第 5 2 回 幾何学シンポジウム
(基調講演), 福岡大学, 2005 年 8 月 20 日-23 日
119. The scalar curvature of minimal hypersurfaces III, International Workshop on
Integral Geometry and minimal submanifolds, Kyungpook National University,
Korea, 2-7, August, 2005
120. The scalar curvature of minimal hypersurfaces II, International Workshop on
Integral Geometry and minimal submanifolds, Kyungpook National University,
Korea, 2-7, August, 2005
121. The scalar curvature of minimal hypersurfaces I, International Workshop on In-
tegral Geometry and minimal submanifolds, Kyungpook National University,
Korea, 2-7, August, 2005
122. Complete hypersurfaces in spheres with infinite fundamental group, 東北大学幾
何学セミナー, 東北大学理学部 2005 年 6 月 7 日
123. Estimates on eigenvalues of Laplacian, Differential geometry in Tokyo 2004, 東京
工業大学, 2004 年 12 月 16 日
124. The scalar curvature of minimal hypersurfaces in a unit sphere, 2004 年度幾何学
九重研究集会, 九州大学, 2004 年 8 月 31 日
125. Minimal submanifolds in spheres, Northeast University, 2004 年 7 月 30 日
126. Submanifolds with constant scalar curvature Kyungpook national university, Ko-
rea, 2004 年 5 月 11 日
127. S.S.Chern's conjecture on minimal hypersurfaces, Kyungpook national university,
Korea, 2004 年 5 月 10 日
128. Topology and geometry of complete submanifolds in Euclidean spaces, 2004 年日
本数学会年会特別講演, 筑波大学, 2004 年 3 月 28 日
129. A characterization of compact hypersurfaces $S^1(\sqrt{1-c^2}) \times S^{n-1}(c)$, 九州大学幾
何学セミナー, 2003 年 12 月
130. Topology and geometry of complete submanifolds in Euclidean spaces, PDEs,
Submanifolds and Affine Differential Geometry, Sept. 2003, Mathematical Con-
ference Center Bedlewo, Poland.

131. Complete hypersurfaces with infinite fundamental group, 等質空間と部分多様体の幾何学、京都大学数理解析研究所, 2003年6月
132. A new version of rigidity theorems on submanifolds in Euclidean spaces, National University of Singapore, Feb. 2003
133. Complete space-like submanifolds in Lorentz spaces, Kyungpook National University, Singapore, Nov. 2002,
134. Complete submanifolds in Euclidean spaces, The seventh International Workshop on Differential Geometry, Kyungpook National University, Korea, Nov. 2002,
135. Complete hypersurfaces with constant scalar curvature in spheres, Kyungpook National University, Korea, Nov. 2002.
136. The differentiable structures and the metric structures of submanifolds, International Congress of Mathematicians, China/Beijing, August, 2002,
137. The rigidity of complete hypersurfaces in a unit sphere, Peking University, August, 2002,
138. 空間形内の完備な超曲面の曲率について, 第49回 幾何学シンポジウム, 大阪大学、2002年7月28日-7月31日
139. A differentiable structure and a metric structure of submanifolds in Euclidean spaces, リーマン部分多様体の総合的研究, 京都大学, 2002年6月24日-6月26日
140. A differential structure of submanifolds in Euclidean spaces Geometry of Riemannian submanifolds, 東京都立大学, 2001年12月17日-12月19日
141. Complete submanifolds in Euclidean spaces with constant scalar curvature, International Conference on Modern Mathematics and International Symposium on Differential Geometry, Fudan University, China. Sept. 18-24, 2001
142. A differential structure of submanifolds, 微分幾何学九重研究集会, 九州地区国立大学九重共同研修所, 2001年9月8日-9月11日.
143. Scalar curvature on submanifolds in Euclidean spaces 第48回幾何学シンポジウム, 茨城大学, 2001年8月28日-8月31日
144. Complete submanifolds in spheres, The First International Conference on Differential Geometry, 城西大学, 2001年2月22日-24日
145. Hypersurfaces in Euclidean spaces, The Pacific Rim Geometry Conference Tohoku University, Sendai, Japan, 2000年7月

146. Complete hypersurfaces with constant scalar curvature, 微分幾何学九重研究集会, 九州地区国立大学九重共同研修所, 1999年9月
147. Complete hypersurfaces in Euclidean spaces with constant scalar curvature, 第46回幾何学シンポジウム, 東京大学, 1999年8月
148. 3次元局所的な共形平坦多様体の分類, 第45回幾何学シンポジウム, 筑波大学, 1998年8月
149. A characterization of the Clifford torus, 第44回幾何学シンポジウム, 信州大学, 1997年8月
150. Non-existence of stable integral currents, 調和写像と部分多様体の幾何学研究集会, 京都大学数理解析研究所, 1997年1月
151. Minimal hypersurfaces in a sphere, the First International Workshop on Differential Geometry, Kyungpook National University, Korea, Dec. 1996
152. Complete maximal spacelike hypersurfaces in anti-de Sitter spaces, 微分幾何学九重研究集会, 九州地区国立大学九重共同研修所, 1996年8月
153. Conformally flat Riemannian manifolds, 1996日本数学会年会, 新潟大学, 1996年3月
154. The rigidity of Clifford torus, 研究集会「極小曲面論とその周辺」, 熊本大学, 1995年11月
155. Complete hypersurfaces in R^{n+1} , 九州リーマン幾何研究集会, 九州大学, 1995年8月
156. Closed minimal hypersurfaces in spheres, 第42回幾何学シンポジウム, 北海道大学, 1995年8月
157. Compact minimal submanifolds in spheres, TU of Berlin, Germany Jan. 1995
158. Complete hypersurfaces in Euclidean spaces, University of Bonn, Germany Dec. 1994
159. Minimal surfaces of sphere, the Symposium on Differential Geometry, ICTP, Italy, 1994年8月
160. Closed minimal surfaces of sphere $S^4(1)$, International Congress of Mathematician, Switzerland, 1994年5月
161. Hypersurfaces of space form $M^4(c)$ with constant mean curvature, First MSJ International Research Institute on Geometry and Global Analysis, 東北大学, 1993年7月

162. Hypersurfaces in $H_1^4(c)$, First Postdoctor Conference of China, QingHua University, 1993年6月
163. Complete Hypersurfaces in spheres, 中国遼寧省の科学と技術年会, 1992年12月
164. Geometry and Topology of hypersurfaces in Eulidean spaces, 中国幾何学シンポジウム, Zhejiang University, 1992年6月
165. Complet hypersurfaces in spheres with constant mean curvature, 第38回幾何学シンポジウム, 新潟大学, 1991年7月