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2. N. Bez, C. Jeavons, T. Ozawa, M. Sugimoto
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3. K. Fujiwara, T. Ozawa
Lifespan of strong solutions to the periodic derivative nonlinear Schrödinger equation,
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4. K. Fujiwara, V. Georgiev, T. Ozawa
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6. J. Fan, T. Ozawa
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7. K. Fujiwara, V. Georgiev, T. Ozawa
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8. L. Forcella, K. Fujiwara, V. Georgiev, T. Ozawa
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coefficients and potential,
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9. T. Ozawa, M. Ruzhansky, D. Suragan
 L^p -Caffarelli-Kohn-Nirenberg type inequalities on homogeneous groups,
Quarterly J. Math., 70, Issue 1, (2019), 305-318.
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10. K. Fujiwara, T. Ozawa
Lifespan of periodic solutions to nonlinear Schrödinger equations,
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11. S. Machihara, T. Ozawa, H. Wadade
Remarks on the Hardy type inequalities with remainder terms in the framework of equalities,
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研究発表

1. On improved Hardy inequalities
Workshop in Hangzhou 2018
April 8, 2018
Zhejiang University, Hangzhou, China
2. Improved Hardy inequalities
PDE Workshop
April 30, 2018
Sichuan Normal University, Sichuan, China
3. Lifespan estimates of solutions to NLS without gauge invariance
PDE Seminar
May 3, 2018
Peking University, Peking, China
4. Improved Hardy inequalities
Celebrating Approximate 60s -- An International Conference on Nonlinear PDEs and Its
Applications at NYU Shanghai
June 19, 2018
NYU Shanghai, Shanghai, China
5. Lifespan of blowup solutions of DNLS type equation on the torus
PDE Seminar
June 20, 2018
Fudan University, Shanghai, China
6. さまざまなハーディー型不等式
作用素論セミナー
May 25, 2018
Kyoto University, Kyoto, Japan
7. Improved Hardy inequalities
Nonlinear Dispersive Equations at Florianopolis
July 28, 2018
Hotel Mar de Canasvieiras, Florianopolis, Brazil
8. Improved Hardy inequalities
Mathematical Fluid Mechanics and Related Topics - in honor of Professor Hideo Kozono's
sixtieth birthday -
September 6, 2018

東京工業大学, Tokyo, Japan

9. 微分型シュレディンガー方程式の自己相似解
PDE Workshop in Miyazaki
January 9, 2019
宮崎大学, Miyazaki, Japan
10. Cauchy problem for the quasilinear evolution equation of transverse wave model
PDE Workshop Waseda - GSSI, L'Aquila-Pisa
February 21, 2019
University of Pisa, Pisa, Italy

会議主催

1. [非線型科学コロキウム]
場所：早稲田大学
開催日
2018/5/29 福本 康秀 九州大学 マス・フォア・インダストリ研究所 教授
“Effect of compressibility on stability of a planar front of premixed flame”
2018/6/14 山田 道夫 京都大学数理解析研究所 教授
“Wave resonance and zonal flow formation”
2018/6/29 前川 卓 横浜国立大学 教授
「モノづくりの原点、それはカタチ」
2. International Workshop on “Fundamental Problems in Mathematical and Theoretical Physics”
Top Global University Project, Waseda University
日時: 2018/7/16-21
会場: 早稲田大学 西早稲田キャンパス 55号館 N棟 1階大会議室
3. 第43回偏微分方程式論札幌シンポジウム
日時: 2018/8/21-23
会場: 北海道大学 理学部 7号館 7-310、7-219/220
4. Waseda Workshop on Partial Differential Equations
日時: 2018/12/20
会場: 早稲田大学 西早稲田キャンパス 62号館 W棟 1階大会議室
5. Waseda Workshop on Partial Differential Equations 2019
日時: 2019/3/22-23
会場: 早稲田大学 西早稲田キャンパス 55号館 N棟 1階大会議室

研究成果

1. 数理物理に現れる様々な非線型偏微分方程式を函数解析的に研究した。
2. 様々な不等式の等式的枠組について研究した。