

●物理学 Physics

1. 所属構成員等

准教授 小野裕明
講師 渡辺みのり(兼任)
客員教授 宮田等
非常勤講師 山下陽介, 初鹿野力

2. 研究テーマ

1. Belle II 実験のための分散コンピューティングシステムの研究 R&D of distributed computing system for Belle II experiment
2. ILC実験のための分散コンピューティングシステムの研究 R&D of distributed computing system for ILC experiment
3. ILC実験のためのカロリメータ検出器開発研究 R&D of calorimeter detector for ILC experiment
4. 原子炉ニュートリノ検出器の開発 Development of reactor neutron monitor
5. 常温硬化プラスチックシンチレータの開発 Development of plastic scintillator cured at room temperature

3. 今年度の研究上の特筆すべき事項

学会賞

記載事項なし

特許

記載事項なし

4. 学位取得者

記載事項なし

5. 主催学会等

記載事項なし

6. 国際交流状況

1. 新潟大学と共同でフィリピンミンダナオ州立大学イリガン工科校との共同研究を行なっている。
2. 国際リニアコライダー(ILC)実験のILD検出器グループ・CALICEグループに参加し、国際共同研究を行なっている。特にILDソフトウェアグループではシミュレーションデータ生成の共同責任者としての役割を担っている。
3. 国際共同実験Belle/Belle IIグループに参加し、DIRACシステムを用いたシミュレーションデータ生成のための計算資源の提供・管理、コンピューティンググループのデータ生成技術責任者・エキスパートとしてデータ生成モニタリングの役割を担っている。

7. 外部研究費

1. 科学研究費補助金, 基盤研究C, (新規), 2025-2027年, 常温硬化・紫外線硬化樹脂を使った高速応答プラスチックシンチレータの開発, 渡辺みのり(代表), 小野裕明(分担), 2210000円

8. 研究業績

A. 著書

記載事項なし

B. 原著

1. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collaboration), Ono H (277th) (421 authors). Search for the $e^+e^- \rightarrow \eta b(1S)\omega$ and $e^+e^- \rightarrow \chi b0(1P)\omega$ processes at $s=10.745$ GeV. ☆©Phys. Rev. D. 2024; 109: 072013–1–072013–9. doi : 10.1103/PhysRevD.109.072013.
2. Pardi S, Hara T, Villanueva M. H, Miyake H, Serfon C, Ono H. Migration to WebDAV in Belle II Experiment. ◇EPJ Web of Conf. . 2024; 295: 01038–1–01038–6. doi : 10.1051/epjconf/202429501038 .
3. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle, Belle II Collaborations), Ono H, Watanabe M (276, 409th) (427 authors). Measurement of branching-fraction ratios and CP asymmetries in $B^\pm \rightarrow DCP^\pm K^\pm$ decays at Belle and Belle II. ☆©JHEP. 2024; 212: 1–26. doi : 10.1007/JHEP05(2024)212.
4. Adachi I, Adamczyk K, Aggarwal L, Ahmed H, Aihara H, (Belle II Collaboration), Ono H (258th) (392 authors). First Measurement of $R(X \tau / \ell)$ as an Inclusive Test of the $b \rightarrow c \tau \nu$ Anomaly. ☆©Phys. Rev. Lett.. 2024; 132: 211804–1–211804–8. doi : 10.1103/PhysRevLett.132.211804.
5. Adachi I, Adamczyk K, Aggarwal L, Ahmed H, Aihara H, (Belle II Collaboration), Ono H, Watanabe M (295, 433th) (454 authors). Evidence for $B^+ \rightarrow K^+ \nu^- \bar{\nu}$ decays. ☆©Phys. Rev. D. 2024; 109: 112006–1–112006–29. doi : 10.1103/PhysRevD.109.112006.
6. Nayak M, Dey S, Soffer A, (Belle Collaboration), Ono H (114th) (167 authors). Search for a heavy neutral lepton that mixes predominantly with the tau neutrino. ☆©Phys. Rev. D. 2024; 109: L111102–1–L111102–10. doi : 10.1103/PhysRevD.109.L111102.
7. Adachi I, Adamczyk K, Aggarwal L, Ahmed H, Aihara H, (Belle II Collaboration), Ono H (265th) (403 authors). Search for a $\mu^+\mu^-$ resonance in four-muon final states at Belle II. ☆©Phys. Rev. D. 2024; 109: 112015–1–112015–13. doi : 10.1103/PhysRevD.109.112015.
8. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle II Collaboration), Ono H, Watanabe M (264, 371th) (392 authors). Measurement of the branching fraction of the decay $B^- \rightarrow D0 \rho^-$ (770)– at Belle II. Phys. Rev. D. 2024; 109: L111103–1–L111103–8. doi : 10.1103/PhysRevD.109.L111103.
9. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collaboration), Ono H, Watanabe M (294, 432th) (452 authors). Measurement of CP asymmetries in $B0 \rightarrow K0SK0SK0S$ decays at Belle II. ☆©Phys. Rev. D. 2024; 109: 112020–1–112020–11. doi : 10.1103/PhysRevD.109.112020.
10. Stottler Z. S, Pedlar T. K, Fulsom B. G, (Belle Collaboration), Ono H (124th) (181 authors). Study of $\chi b_J(2P) \rightarrow \omega \Upsilon(1S)$ at Belle. ◇arXiv. 2024; 1–6. doi : 10.48550/arXiv.2407.00879.
11. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collaboration), Ono H (276th) (416 authors). New graph-neural-network flavor tagger for Belle II and measurement of $\sin 2\phi_1$ in $B0 \rightarrow J/\psi K_S0$ decays. ☆©Phys. Rev. D. 2024; 110: 012001–1–012001–14. doi : 10.1103/PhysRevD.110.012001.
12. Adachi I, Adamczyk K, Aggarwal L, Aihara H, Akopov N, (Belle II Collaboration), Ono H (268th) (409 authors). Measurement of branching fractions, CP asymmetry, and isospin asymmetry for $B \rightarrow \rho^- \gamma$ decays using Belle and Belle II data. ◇arXiv. 2024; 1–12. doi : 10.48550/arXiv.2407.08984.
13. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collaboration), Ono H (257th) (395 authors). Study of $\Upsilon(10753)$ decays to $\pi^+ \pi^- \Upsilon(nS)$ final states at Belle II. ☆©JHEP. 2024; 116: 1–21. doi : 10.1007/JHEP07(2024)116.
14. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle II Collaboration), Ono H, Watanabe M (276, 398th) (419 authors). Determination of $|V_{ub}|$ from simultaneous measurements of untagged $B0 \rightarrow \pi^- \ell^+ \nu \ell$ and $B^+ \rightarrow \rho^0 \ell^+ \nu \ell$ decays. ◇arXiv. 2024; 1–20. doi : 10.48550/arXiv.2407.17403.
15. Savinov V, (Belle Collaboration), Ono H (100th) (150 authors). Search for two-body B meson decays to Λ^0 and $\Omega_c^*(*)0$. ☆©Phys. Rev. D. 2024; 110: L031102–1–L031102–6. doi : 10.1103/PhysRevD.110.L031102.

16. Guan Y, Schwartz A. J, Kinoshita K, (Belle Collaboration), Ono H (119th) (170 authors). Measurements of the Branching Fraction, Polarization, and CP Asymmetry for the Decay $B^0 \rightarrow \omega \omega$. ☆©Phys. Rev. Lett.. 2024; 133: 081801–1–081801–7. doi : 10.1103/PhysRevLett.133.081801.
17. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle II Collagoration), Ono H, Watanabe M (271, 385th) (406 authors). Measurement of the branching fractions of $B^+ B^- \rightarrow D^{(*)} K^+ K^-$ and $B^+ B^- \rightarrow D^{(*)} D_s^+ D_s^-$ decays at Belle II. ☆©JHEP. 2024; 206: 1–36. doi : 10.1007/JHEP08(2024)206.
18. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle, Belle II Collagorations), Ono H (267th) (408 authors). Search for the decay $B^0 \rightarrow \gamma \gamma$ using Belle and Belle II data. ☆©Phys. Rev. D. 2024; 110: L031106–1–L031106–8. doi : 10.1103/PhysRevD.110.L031106.
19. Adachi I, Adamczyk K, Aggarwal L, Aihara H, Akopov N, (Belle II Collagoration), Ono H, Watanabe M (285, 408th) (430 authors). Test of light-lepton universality in τ decays with the Belle II experiment. ☆©JHEP. 2024; 205: 1–22. doi : 10.1007/JHEP08(2024)205.
20. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle, Belle II Collagorations), Ono H, Watanabe M (261, 374th) (394 authors). Search for Rare $b \rightarrow d \ell^+ \ell^-$ Transitions at Belle. ☆©Phys. Rev. Lett.. 2024; 133: 101804–1–101804–8. doi : 10.1103/PhysRevLett.133.101804.
21. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle II Collagoration), Ono H, Watanabe M (283, 410th) (431 authors). Search for lepton-flavor-violating $\tau \rightarrow \mu - \mu + \mu -$ decays at Belle II. ☆©JHEP. 2024; 062: 1–22. doi : 10.1007/JHEP09(2024)062.
22. Adachi I, Aggarwal L, Ahmed H, Ahn J. K, Aihara H, (Belle II Collagoration), Ono H (272th) (409 authors). Measurement of the integrated luminosity of data samples collected during 2019–2022 by the Belle II experiment*. ☆©Chinese Phys. C. 2024; 49: 013001–1–013001–14. doi : 10.1088/1674-1137/ad806c.
23. Aggarwal L, Ahmed H, Aihara H, Akopov N, Aloisio A, (Belle, Belle II Collagorations), Ono H (238th) (366 authors). Search for CP violation in $D(s)^+ \rightarrow K S^0 K^- \pi^+ \pi^+$ decays using triple and quadruple products.◇arXiv. 2024; 1–21. doi : 10.48550/arXiv.2409.15777.
24. Prim M. T, Bernlochner F, Metzner F, (Belle Collaboration), Ono H (108th) (160 authors). Measurement of Angular Coefficients of $B^- \rightarrow D^* \ell^- \bar{\nu}_\ell$: Implications for $|V_{cb}|$ and Tests of Lepton Flavor Universality. ☆©Phys. Rev. Lett.. 2024; 133: 131801–1–131801–7. doi : 10.1103/PhysRevLett.133.131801.
25. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle II Collagoration), Ono H (250th) (382 authors). Measurements of the branching fractions of $\Xi^0 c^0 \rightarrow \Xi^0 \pi^0$, $\Xi^0 c^0 \rightarrow \Xi^0 \eta$, and $\Xi^0 c^0 \rightarrow \Xi^0 \eta'$ and asymmetry parameter of $\Xi^0 c^0 \rightarrow \Xi^0 \pi^0$.JHEP. 2024; 045: 1–24. doi : 10.1007/JHEP10(2024)045.
26. Ferlewicz D, Urquijo P, (Belle Collaboration), Ono H (117th) (169 authors). Angular analysis of $B \rightarrow K^* e^+ e^-$ in the low- q^2 region with new electron identification at Belle. ☆©Phys. Rev. D. 2024; 110: 072005–1–072005–10. doi : 10.1103/PhysRevD.110.072005.
27. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collagoration), Ono H, Watanabe M (303, 446th) (468 authors). Measurement of the energy dependence of the $e^+ e^- \rightarrow B B^-, B B^*$, and $B^* B^*$ cross sections at Belle II.JHEP. 2024; 114: 1–32. doi : 10.1007/JHEP10(2024)114.
28. Boschetti A, Mussa R, Tamponi U, (Belle Collaboration), Ono H (97th) (142 authors). Search for $h_b(2P) \rightarrow \gamma \chi_{bJ}(1P)$ $s=10.860$ GeV.◇arXiv. 2024; 1–5. doi : 10.48550/arXiv.2410.16181.
29. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle, Belle II Collagorations), Ono H (262th) (399 authors). Determination of the CKM angle ϕ_3 from a combination of Belle and Belle II results. ☆©JHEP. 2024; 143: 1–32. doi : 10.1007/JHEP10(2024)143.
30. Adachi I, Adamczyk K, Aggarwal L, Ahmed H, Aihara H, (Belle II Collagoration), Ono H, Watanabe M (286, 418th) (438 authors). Test of lepton flavor universality with a measurement of $R(D^*)$ using hadronic B tagging at the Belle II experiment. ☆©Phys. Rev. D. 2024; 110: 072020–1–072020–17. doi : 10.1103/PhysRevD.110.072020.

31. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle, Belle II Collaborations), Ono H, Watanabe M (227, 324th) (339 authors). Model-independent measurement of D^0 - D^0 mixing parameters in $D^0 \rightarrow K^0_S \pi^+ \pi^-$ decays at Belle and Belle II. $\diamond$ arXiv. 2024; 1. doi : 10.48550/arXiv.2410.22961.
32. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collaboration), Ono H, Watanabe M (295, 431th) (453 authors). Measurement of $B \rightarrow K^*(892) \gamma$ decays at Belle II. $\diamond$ arXiv. 2024; 1-20. doi : 10.48550/arXiv.2411.10127.
33. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle, Belle II Collaborations), Ono H, Watanabe M (293, 428th) (452 authors). Measurement of the inclusive branching fractions for B^0 s decays into D mesons via hadronic tagging. $\diamond$ arXiv. 2024; 1-23. doi : 10.48550/arXiv.2411.14032.
34. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collaboration), Ono H (263th) (401 authors). Measurement of CP asymmetries in $B^0 \rightarrow \eta' K^0_S$ decays at Belle II. $\star \odot$ Phys. Rev. D. 2024; 110: 112002-1-112002-12. doi : 10.1103/PhysRevD.110.112002.
35. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collaboration), Ono H (249th) (374 authors). Search for the baryon number and lepton number violating decays $\tau^- \rightarrow \Lambda \pi^-$ and $\tau^- \rightarrow \bar{\Lambda} \pi^-$ at Belle II. $\star \odot$ Phys. Rev. D. 2024; 110: 112003-1-112003-8. doi : 10.1103/PhysRevD.110.112003.
36. Adachi I, Aggarwal L, Aihara H, Akopov N, Aloisio A, (Belle II Collaboration), Ono H, Watanabe M (247, 346th) (364 authors). Measurement of the $e^+e^- \rightarrow \pi^+ \pi^- \pi^0$ cross section in the energy range 0.62-3.50 GeV at Belle II. $\star \odot$ Phys. Rev. D. 2024; 110: 112005-1-112005-25. doi : 10.1103/PhysRevD.110.112005.
37. Adachi I, Aggarwal L, Ahmed H, Aihara H, Alhakami M, (Belle II Collaboration), Ono H, Watanabe M (289, 419th) (439 authors). Measurement of the branching fraction and CP-violating asymmetry of the decay $B^0 \rightarrow \pi^0 \pi^0$ using 387 million bottom-antibottom meson pairs in Belle II data. $\diamond$ arXiv. 2024; 1-9. doi : 10.48550/arXiv.2412.14260.
38. Adachi I, Adamczyk K, Aggarwal L, Ahmed H, Aihara H, (Belle, Belle II Collaborations), Ono H, Watanabe M (280, 404th) (425 authors). Search for lepton flavor-violating decay modes $B^0 \rightarrow K^0_S \tau^\pm \ell^\mp$ ($\ell = \mu, e$) with hadronic B-tagging at Belle and Belle II. $\diamond$ arXiv. 2024; 1-10. doi : 10.48550/arXiv.2412.16470.
39. Kovalenko E, (Belle Collaboration), Ono H (110th) (166 authors). Evidence of $hb(2P) \rightarrow Y(1S) \eta$ Decay and Search for $hb(1P, 2P) \rightarrow Y(1S) \pi^0$ with the Belle Detector. $\star \odot$ Phys. Rev. Lett.. 2024; 133: 261901-1-261901-6. doi : 10.1103/PhysRevLett.133.261901.
40. Adachi I, Aggarwal L, Ahmed H, Akopov N, Alghamdi S, (Belle II Collaboration), Ono H, Watanabe M (252, 361th) (379 authors). Measurement of the branching fraction, polarization, and time-dependent CP asymmetry in $B^0 \rightarrow \rho^+ \rho^-$ decays and constraint on the CKM angle ϕ_2 . $\diamond$ arXiv. 2024; 1-15. doi : 10.48550/arXiv.2412.19624.
41. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collaboration), Ono H, Watanabe M (287, 416th) (438 authors). Measurement of CP Asymmetries in $B^0 \rightarrow K^0_S \pi^0 \gamma$ Decays at Belle II. $\star \odot \diamond$ Phys. Rev. Lett.. 2025; 134: 011802-1-011802-8. doi : 10.1103/PhysRevLett.134.011802.
42. Boschetti A, Mussa R, Tamponi U, (Belle Collaboration), Ono H (97th) (142 authors). Search for $hb(2P) \rightarrow \gamma \chi_{bJ}(1P)$ at $s=10.860$ GeV. $\star \odot$ Phys. Rev. D. 2025; 111: L011102-1-L011102-6. doi : 10.1103/PhysRevD.111.L011102.
43. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle II Collaboration), Ono H (253th) (393 authors). Observation of time-dependent CP violation and measurement of the branching fraction of $B^0 \rightarrow J/\psi \pi^0$ decays. $\star \odot \diamond$ Phys. Rev. D. 2025; 111: 012011-1-012011-12. doi : 10.1103/PhysRevD.111.012011.
44. Adachi I, Aggarwal L, Ahmed H, Aihara H, Akopov N, (Belle, Belle II Collaborations), Ono H, Watanabe M (240, 342th) (360 authors). Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0_S K^0_S$ decays using Belle and Belle II data. $\star \odot$ Phys. Rev. D. 2025; 111: 012015-1-012015-11. doi : 10.1103/PhysRevD.111.012015.
45. Adachi I, Adamczyk K, Ahmed H, Ahn Y, Aihara H, (Belle II Collaboration), Ono H (229th) (343 authors). Measurement of $B^+ \rightarrow \tau^+ \nu_\tau$ branching fraction with a hadronic tagging method at Belle II. $\diamond$ arXiv. 2025; 1-16. doi : 10.48550/arXiv.2502.04885.

46. Adachi I, Aggarwal L, Ahmed H, Ahn J. K, Aihara H, (Belle, Belle II Collaborations), Ono H, Watanabe M (263, 384th) (405 authors). Evidence of the $P_{cc}\bar{b}(4459)0$ in Upsilon(1S, 2S) inclusive decays at Belle. $\diamond$ arXiv. 2025; 1-8. doi : 10.48550/arXiv.2502.09951.
47. Adachi I, Aggarwal L, Ahmed H, Aihara H, Alhakami M, (Belle II Collaboration), Ono H, Watanabe M (259, 367th) (385 authors). Observation of the decay $B^0 \rightarrow J/\psi \omega$ at Belle II. $\star \odot$ Phys. Rev. D. 2025; 111: 032012-1-032012-8. doi : 10.1103/PhysRevD.111.032012.
48. Adachi I, Aggarwal L, Ahmed H, Ahn J. K, Aihara H, (Belle, Belle II Collaborations), Ono H, Watanabe M (274, 404th) (426 authors). Measurement of the Branching Fraction of $\Lambda^+ c \rightarrow p K^0 S \pi^0$ at Belle. $\diamond$ arXiv. 2025; 1-20. doi : 10.48550/arXiv.2503.04371.
49. Adachi I, Aggarwal L, Akopov N, Alhakami M, Aloisio A, (Belle, Belle II Collaborations), Ono H, Watanabe M (230, 328th) (347 authors). Observations of the singly Cabibbo-suppressed decays $\Xi^+ c \rightarrow p K^0 S$, $\Xi^+ c \rightarrow p K^0 S$, $\Xi^+ c \rightarrow \Lambda \pi^+ \Xi^+ c \rightarrow \Lambda \pi^+$, and $\Xi^+ c \rightarrow \Sigma^0 \pi^+ \Xi^+ c \rightarrow \Sigma^0 \pi^+$ at Belle and Belle II. $\star \odot$ JHEP. 2025; 61: 1-20. doi : 10.1007/JHEP03(2025)061.
50. Seidl R, (Belle Collaboration), Ono H (86th) (133 authors). Production cross sections of light and charmed mesons in e^+e^- annihilation near 10.58 GeV. Phys. Rev. D. 2025; 111: 052003-1-052003-21. doi : 10.1103/PhysRevD.111.052003.
51. Adachi I, Ahn J. K, Ahn Y, Akopov N, Alghamdi S, (Belle, Belle II Collaborations), Ono H (233th) (357 authors). Measurements of the branching fractions of $\Xi^+ c \rightarrow \Sigma^+ K^0 S$, $\Xi^+ c \rightarrow \Xi^0 \pi^+$, and $\Xi^+ c \rightarrow \Xi^0 K^+$ at Belle and Belle II. $\diamond$ arXiv. 2025; 1-20. doi : 10.48550/arXiv.2503.17643.
52. Abramowicz H, Adli E, Alharthi F, Almanza-Soto M, Altakach M. M, Castelazo S. A, Ono H (265th) (416 authors). A Linear Collider Vision for the Future of Particle Physics. $\diamond$ arXiv. 2025; 1-165. doi : 10.48550/arXiv.2503.19983.
53. Uno K, Inami K, Hayasaka K, (Belle Collaboration), Ono H (79th) (123 authors). Search for lepton-flavor-violating tau decays to $\ell \alpha \ell \alpha$ at Belle. $\diamond$ arXiv. 2025; 1-14. doi : 10.48550/arXiv.2503.22195.

C. 解説・総説

記載事項なし

D. 報告・紀要

特記事項なし

E. 翻訳

特記事項なし

F. 学術大会(口演・ポスター発表)・講演会・研究会・研修会等での講演

1. Hiroaki Ono. Operations and Data Production Shifts. Belle II Remote Computing week, WEB開催, 2024年4月2～5日
2. Hiroaki Ono. SSH sites and DIRAC at Nagoya. Computing pre-B2GM meeting at KEK, 茨城県つくば市, 2024年5月27～31日
3. Miyata E, Mitata H, Fukasawa E, Hayasaka K, Katsumata K, Ono H, Watanabe M, (6th, 7th, 13 in total). Long-term stability of a radiation detector using organic semiconductor. The 11th International Conference on Molecular Electronics & Bioelectronics, 島根県松江市, 2024年6月19～21日
4. 小野裕明. 分散コンピューティング. 第七回粒子物理コンピューティングサマースクール, 茨城県つくば市, 2024年7月29日～8月2日
5. 斎藤栄輔, 宮田等, 小野裕明, 渡辺みのり (全13名). 常温硬化プラスチックシンチレータの長寿命化に関する研究. 日本物理学会第79回年次大会, 北海道札幌市, 2024年9月17日
6. 岡本恵太, 木村太一, 斎藤栄輔, 武田秀輔, 小野裕明, 渡辺みのり (全17名). 電磁カロリメータに向けた常温硬化プラスチックシンチレータの開発. 日本物理学会第79回年次大会, 北海道札幌市, 2024年9月17日

7. 宮田恵理, 宮田等, 深澤永里香, 早坂圭司, 勝亦正明, 小野裕明, 渡辺みのり (7番目, 全12名). 有機半導体放射線検出器の実用化のための長期安定性に関する研究. 日本物理学会第79回年次大会, 北海道札幌市, 2024年9月17日
8. Hiroaki Ono. Stuck service monitoring and SSH sites management on NDU DIRAC. Joint Computing, Data Production and Software pre-B2GM Day, 茨城県つくば市, 2025年2月25日
9. Hiroaki Ono. Campaign Management . Joint Computing, Data Production and Software pre-B2GM Day, 茨城県つくば市, 2025年2月25日
10. 坂下 航太郎, 深澤 永里香, 宮田 恵理, 宮田 等, 早坂 圭司, 勝亦 正明, 小野 裕明, 渡辺 みのり (7, 8番目 全14名). 導電性ポリマーとTiO₂ を用いた新規放射線検出器の作製. 第72回応用物理学会春季学術講演会, 千葉県野田市, 2025年3月14～17日
11. 王 兆博, 宮田 恵理, 深澤 永里香, 宮田等, 早坂 圭司, 勝亦 正明, 小野 裕明, 渡辺 みのり (7, 8番目 全14名). 画像処理を用いた有機半導体放射線センサの内部構造に関する研究. 第72回応用物理学会春季学術講演会, 千葉県野田市, 2025年3月14～17日

G 講演

1) 特別講演・シンポジウム等での講演

1. 小野裕明. ヒッグスファクトリーの解析技術. LCWSプリスクール「将来電子・陽電子コライダーの物理と技術」, 依頼講演, 東京都文京区, 2024年7月7日