

PUBLICATIONS BELLE2 – 21 APR 2026

article

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2024

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5. Measurement of the cluster position resolution of the Belle II Silicon Vertex Detector, R. Leboucher, K. Adamczyk, L. Aggarwal, H. Aihara, T. Aziz, S. Bacher, S. Bahinipati, G. Batignani, J. Baudot, P. K. Behera, S. Bettarini, T. Bilka, A. Bozek, F. Buchsteiner, G. Casarosa, L. Corona, T. Czank, S. B. Das, G. Dujany, C. Finck, F. Forti, M. Friedl, A. Gabrielli, E. Ganiev, B. Gobbo, S. Halder, K. Hara, S. Hazra, T. Higuchi, C. Irmeler, A. Ishikawa, H. B. Jeon, Y. Jin, C. Joo, M. Kaleta, A. B. Kaliyar, J. Kandra, K. H. Kang, P. Kapusta, P. Kodyš, T. Kohriki, M. Kumar, R. Kumar, C. La Licata, K. Lalwani, S. C. Lee, J. Libby, L. Martel, L. Massaccesi, S. N. Mayekar, G. B. Mohanty, T. Morii, K. R. Nakamura, Z. Natkaniec, Y. Onuki, W. Ostrowicz, A. Paladino, E. Paoloni, H. Park, L. Polat, K. K. Rao, I. Ripp-Baudot, G. Rizzo, D. Sahoo, C. Schwanda, J. Serrano, J. Suzuki, S. Tanaka, H. Tanigawa, R. Thalmeier, R. Tiwary, T. Tsuboyama, Y. Uematsu, O. Verbycka, L. Vitale, K. Wan, Z. Wang, J. Webb, J. Wiechczynski, H. Yin, L. Zani, Nucl. Instrum. Meth. A, 1033, 30th International Workshop on Vertex Detectors (2022) 166746, Online, United Kingdom, 27-30 Sep 2021

2021

1. Track reconstruction efficiency measurement using $e^+e^- \rightarrow \tau^+\tau^-$ events at Belle II, L. Zani, PoS ICHEP2020, 2020, 40th International Conference on High Energy Physics (2021) 797, Prague, indéfini, 30 Jul - 05 Aug 2020

2020

1. Track reconstruction efficiency measurement using $e^+e^- \rightarrow \tau^+\tau^-$ events at Belle II, L. Zani, PoS, volume, ICHEP2020 (2020) pages, indéfini, 28 Jul 2020 - 6 Aug 2020

présentation orale

2025

1. Search for Lepton Flavour Violating $B_0 \rightarrow K_0$ ‘ decays with the Belle and Belle II experiments, **C. Lemettais**, 59th Rencontres de Moriond, La Thuile, Italy, 23-30 Mar 2025

2024

1. Topical workshop on LFV decays of the tau lepton, **J. Serrano**, Topical workshop on LFV decays of the tau lepton, Orsay, France, 11-12 Apr 2024
2. Cracow Epiphany conference, **K. Lautenbach**, XXX Cracow Epiphany conference on precision physics at high energy colliders, Cracovie, Poland, 8-12 Jan 2024
3. Recent beauty measurements from Belle and Belle II, **V. Bertacchi**, La Thuile 2024 - Les Rencontres de Physique de la Vallée d’Aoste, La Thuile, Italy, 3-9 Mar 2024
4. Beyond the Flavour Anomalies workshop, V. Lisovskyi, Beyond the Flavour Anomalies workshop, Siegen, Germany, 9-11 Apr 2024
5. International Conference on New Frontiers in Physics, A. Thaller, XIII International Conference on New Frontiers in Physics, Kolymbari, C, Greece, 4 Sep 2024

2023

1. Moriond QCD 2023, **V. Bertacchi**, Moriond QCD 2023, La Thuile, Italy, 24-27 Mar 2023
2. New frontiers in lepton flavour, **V. Bertacchi**, New frontiers in lepton flavour, Pisa, Italy, 15-17 May 2023
3. BEAUTY 2023, **R. Leboucher**, BEAUTY 2023, Clermont Ferrand, France, 5-10 Jul 2023
4. CKM 2023, **J. Serrano**, CKM2023, Santiago de Compostela, Spain, 18-23 Sep 2023
5. GDR-InF annual workshop 2023, **V. Bertacchi**, **A. Thaller**, **K. Lautenbach**, **C. Lemettais**, GDR-InF annual workshop, Mont Saint Odile, France, 6-8 Nov 2023

2022

1. VCI 2022, **L. Zani**, VCI 2022, , indéfini, 21-25 Feb 2022
2. DIS 2022, **K. Lautenbach**, DIS 2022, , indéfini, 2-6 Mai 2022
3. Blois 2022, **L. Zani**, Blois 2022, , indéfini, 22-27 May 2022
4. QCD 2022, **V. Bertacchi**, QCD 2022, Montpellier, France, 4-9 Jul 2022
5. Vietnam Flavour Physics Conference 2022, **L. Polat**, Vietnam Flavour Physics Conference 2022, Quy Nhon, Vietnam, 14-20 Aug 2022
6. BLV 2022, **J. Serrano**, BLV 2022, Brussel, Belgium, 5-8 Sep 2022
7. GDR-InF annual workshop 2022, **V. Bertacchi**, **A. Thaller**, **L. Polat**, **R. Leboucher**, GDR-InF annual workshop, Lyon, France, 2-4 Nov 2022

2021

1. Phenomenology 2021 Symposium, **L. Polat**, Phenomenology 2021 Symposium, , indéfini, 24-26 May 2021
2. Flavour Physics from non LHC experiments, **J. Serrano**, LHCP 2021, Paris, France, 7-12 Jun 2021
3. Anomalies and Precision in the Belle II Era – Workshop, **L. Zani**, Anomalies and Precision in the Belle II Era – Workshop, Vienna, Austria, 8-9 Sep 2021
4. The 30th International Workshop on Vertex Detectors, **R. Leboucher**, The 30th International Workshop on Vertex Detectors, Oxford, United Kingdom, 27-30 Sep 2021
5. Precision Electroweak Physics at the CERN Large Hadron Collider, **V. Bertacchi**, Precision Electroweak Physics at the CERN Large Hadron Collider, Milan, Italy, 5-6 Oct 2021
6. GDR-InF annual workshop 2021, **L. Zani**, GDR-InF annual workshop, Paris, France, 14-15 Nov 2021
7. GdR-Inf 2021 annual workshop, **R. Leboucher**, **L. Martel**, GdR-Inf 2021 annual workshop, Paris, France,

2020

1. ICHEP2020, **L. Zani**, ICHEP 2020, Prague, indéfini, 28 Jul - 6 Aug 2020
2. BEAUTY2020, **L. Zani**, BEAUTY2020, , indéfini, 21-24 Sep 2020
3. GDR-InF annual workshop 2020, **L. Polat**, **T. Fillinger**, GDR-InF annual workshop 2020, , indéfini, 28 Sep - 16 Oct 2020

2019

1. GDR-InF annual workshop 2019, **L. Zani**, GDR-InF annual workshop 2019, Sommières, France, 6 Nov 2019

affiche

2022

1. A Graph Neural Network for B decays reconstruction at Belle II, J. Cerasoli, J. Kahn, I. Tsaklidis, O. Taubert, L. Reuter, G. Dujany, T. Boeckh, A. Thaller, P. Goldenzweig, F. Bernlochner, A. Streit, M. Götz, 21th International Workshop on Advanced Computing and Analysis Techniques in Physics Research: AI meets Reality (ACAT 2022), Bari, Italy, 23-28 Oct 2022

mémoire

2025

1. Search for $B^0 \rightarrow K^{*0} \tau^\pm \ell^\mp$ lepton flavour violating decays and tracking performance studies at the Belle and Belle II experiments, C. Lemettais, Aix-Marseille Université, 19 Sep 2025
2. Development and Characterization of a Readout Chip with Integrated Sensor for a High-Energy Physics Application, R. Boudagga, Aix-Marseille Université, 15 Dec 2025

2024

1. Recherche de désintégrations du tau violant la saveur leptonique et études de trajectographie dans l'expérience Belle II, A. Thaller, Aix-Marseille Université, 28 Oct 2024

2023

1. Search for $\tau^- \rightarrow \mu^- \mu^+ \mu^-$ lepton flavour violating decays and measurement of the SVD cluster position resolution at Belle II experiment, R. Leboucher, Aix-Marseille Université, 31 Oct 2023

2022

1. Recherche de désintégrations $\rightarrow\rightarrow$ violant la saveur leptonique et mesure du taux de fausses traces dans les événements $e+e\rightarrow+e+e\rightarrow+$ avec l'expérience Belle II, L. Polat, Aix- Marseille Université, 14 Dec 2022