

# Abner Soffer

## Recent invited talks (updated 3 September 2019)

- 2008: “Searches for new physics in bottomonium decays at BaBar”, PANIC 2008, Eilat, Israel, November 9, 2008.
- 2008: “ $B(\tau^- \rightarrow \eta\pi^- \nu_\tau)$ , the  $a_0(980)$ , and new weak interactions”, PANIC 2008, Eilat, Israel, November 9, 2008.
- 2009: “The Large Hadron Collider”, Negev Nuclear Research Center, Israel, June 8, 2009.
- 2009: “Studies of quarkonium states at BaBar”, Troia International Conference on Hadron Physics, Çanakkale, Turkey, September 10, 2009.
- 2009: “LHC, the largest experiment in history”, military unit, November 2009.
- 2011: “The physics of radiation”, symposium on cellular-phone radiation safety, Tel Aviv University, February 2011.
- 2011: Chair of the local organizing committee of the Conference on Flavor Physics and CP Violation
- 2011: “Recent results from BaBar”, Lomonosov Conference on Particle Physics, Moscow, Russia, August 18, 2011.
- 2012: “Recent results from BaBar”, SLAC National Accelerator Laboratory, September 6, 2012.
- 2013: Review talk on “Highlights from the B Factories”, Lake Louise Winter Institute, Lake Louise, Canada, February 16, 2013.
- 2013: Experimental summary talk, 11<sup>th</sup> Conference on Flavor Physics and CP Violation, Buzios, Brazil, May 19-24, 2013.
- 2013: “Observation of Time-Reversal violation in the B-meson system”, Bonn University, July 18, 2013.
- 2014: “Recent results from BABAR”, Weizmann Institute of Science, January 2014.
- 2014: “Searches for long-lived particles”, Aspen Center for Particle Physics, July 1, 2014.
- 2014: “Searches for long-lived particles”, Harvard University, July 8, 2014.
- 2014: “Dark forces constraints from the B factories and low-energy experiments”, Interplay between Particle and Astrophysics Conference, Queen Mary University of London, August 21, 2014.
- 2014: “Searches for Long-Lived Particles Forming Displaced Vertices”, Caltech, December 2014.
- 2015: “Search for long-lived particles in e<sup>+</sup>e<sup>-</sup> collisions”, Lake Louise Winter Institute, Lake Louise, Canada, February 15, 2015.
- 2015: “Measuring the CKM angle  $\phi_3$  at Belle-II”, Belle-II Theory Interfact Platform Workshop, Krakow, Poland, April 28, 2015.
- 2015: “Searches for long-lived particles”, International Symposium on High Energy Physics, Copenhagen Denmark, May 5, 2015.
- 2015: “Searches for long-lived particles”, seminar at Tokyo Institute of Technology, Tokyo, Japan, May 20, 2015.
- 2015: “Searches for dark photons and light Higgs”, International Conference on Flavor Physics and CP Violation, Nagoya, Japan, May 26, 2015.
- 2015: “Searches for long-lived particles”, seminar at Nagoya University, Nagoya, Japan, July 29, 2015.
- 2016: “Run-2 searches for supersymmetry in ATLAS”, 6th International Workshop on High Energy Physics in the LHC Era, Valparaiso, Chile, 6-12 January, 2016.
- 2016: “Recent searches for new-physics states at BABAR”, 6th International Workshop on High Energy Physics in the LHC Era, Valparaiso, Chile, 6-12 January, 2016.

- 2016: “Observation of CP violation in  $B^0 \rightarrow D^* h^0$  with a combined analysis of BABAR and Belle data”, Lake Louise Winter Institute, February 2016.
- 2016: “Searches for Long-Lived Particles with a Displaced-Vertex Signature”, University of Victoria, Canada, February 2016.
- 2016: “Searches for Long-Lived Particles with a Displaced-Vertex Signature”, Cornell University, USA, February 2016.
- 2016: “Searches for Long-Lived Particles with a Displaced-Vertex Signature”, Bonn University, Germany, April 2016.
- 2016: “Searches for Long-Lived Particles with a Displaced-Vertex Signature”, Humboldt University of Berlin, Germany, April 2016.
- 2016: “Searches for Long-Lived Particles with a Displaced-Vertex Signature at ATLAS and BABAR”, SLAC National Accelerator Laboratory, USA, May 2016.
- 2016: “Studies of electroweak-penguin decays of  $B$  mesons at BABAR”, 22nd International Symposium on Particles, Strings and Cosmology, ICISE, Quy Nhon, Vietnam, July 2016.
- 2016: “Study of 3-body charmonium decays at BABAR”, The 14th International Conference on Meson-Nucleon Physics and the Structure of the Nucleon, Kyoto, Japan, July 2016.
- 2016: “Three problems in flavor physics”, Nagoya University, Japan, September 2016.
- 2016: “Life and New Physics at the Energy Frontier”, Okinawa Institute of Science and Technology, Japan, September 2016.
- 2016: “ $D \rightarrow Pe^+\nu_e$  form factors,  $V_{cs}$  and  $V_{cd}$ ”, 9th International Workshop on the CKM Unitarity Triangle, Mumbai, India, December 2016.
- 2017: “Rare B decays”, Lake Louise Winter Institute, Lake Louise, Canada, February 2017.
- 2017: “ $\bar{B} \rightarrow D^{(*)}\tau^+\nu_\tau$  improvements at Belle-II”, Mini Workshop on  $\bar{B} \rightarrow D^{(*)}\tau^+\nu_\tau$  and Related Topics, Nagoya University, Japan, March 2017.
- 2017: “Inclusive measurements of the CKM parameter  $V_{ub}$ ”, Conference on Flavor Physics and CP Violation, Prague, Czech Republic, June 2017.
- 2017: “Searches for long-lived particles”, IHEP, Beijing, China, August 2017.
- 2017: “Search for invisibly decaying dark photon at BABAR”, PANIC, Beijing, China, September 2017.
- 2017: “Searches for long-lived particles”, Yonsei University colloquium, Seoul, Korea, September 2017.
- 2017: “Updated ATLAS search for decaying long-lived particles with missing transverse energy”, Tokyo Tech. University, Tokyo, Japan, September 2017.
- 2017: “Updated ATLAS search for decaying long-lived particles with missing transverse energy”, Nagoya University, Nagoya, Japan, September 2017.
- 2018: “Recent quarkonium results from BABAR and Belle”, Moriond QCD, La Thuile, Italy, March 2018.
- 2018: “Experimental status of  $|V_{ub}/V_{cb}|$  and  $\gamma/\phi_3$ ”, CIPANP, Palm Springs, CA, USA, May-June, 2018.
- 2018: “Precise measurement of  $m_{D^{*+}} - m_{D^+}$ ”, CIPANP, Palm Springs, CA, USA, May-June, 2018.
- 2018: “Improved study of  $\bar{B} \rightarrow D^{(*)}\tau\bar{\nu}$  with vertexing at Belle II”, International Conference on High Energy Physics, Seoul, South Korea, July 2018.
- 2018: “Studying the Higgs-strange coupling at a future  $e^+e^-$  collider”, International Conference on High Energy Physics, Seoul, South Korea, July 2018.
- 2018: “CP violation in  $\bar{B} \rightarrow D^{**}\tau\bar{\nu}$ ”, International Conference on High Energy Physics, Seoul, South Korea, July 2018.
- 2018: “Belle II: status and prospects”, HEPMAD 2018, Antananarivo, Madagascar, September 2018.
- 2019: “Studies of  $e^+e^- \rightarrow \pi^+\pi^-3\pi^0$  and  $\pi^+\pi^-2\pi^0\eta$  at BABAR”, Moriond QCD, La Thuile, Italy, March 2019.

- 2019: “Study of rare or forbidden  $D^0$  decays at BABAR”, Flavor Physics and CP Violation, Victoria, BC, Canada, May 2019.
- 2019: “Electroweak penguin decays at Belle II”, Flavor Physics and CP Violation, Victoria, BC, Canada, May 2019 (replacing Justin Tan as speaker).
- 2019: “Long-lived particle searches: LHCb and Belle II overview”, Long-lived-particle workshop, CERN, May 2019.
- 2019: “Probing new physics with long-lived particles”, Ben Gurion University colloquium, May 2019.
- 2019: “Semileptonic B decays, hadronic B decays, and CP violation at CEPC”, CEPC Workshop, Beijing University, July 2019.
- 2019: “The Belle II experiment: status and Physics prospects”, Workshop on Intensity Frontier in Particle Physics, Taipei, Taiwan, October 2019.
- 2019: “Study of rare or forbidden  $D^0$  decays at BABAR”, Workshop on Intensity Frontier in Particle Physics, Taipei, Taiwan, October 2019.
- 2019: “New physics with long-lived particles”, National Taiwan University, Taipei, Taiwan, October 2019.
- 2019: “New physics with long-lived particles”, Kobayashi-Maskawa Institute, Nagoya University, Nagoya, Japan, October 2019.