

Prof. Dr. İLHAN TAPAN

Kişisel Bilgiler

İş Telefonu: [+90 224 294 1698](tel:+902242941698)

E-posta: ilhan@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/ilhan>

Uluslararası Araştırmacı ID'leri

ORCID: 0009-0002-8119-1445

Yoksis Araştırmacı ID: 122300

Eğitim Bilgileri

Doktora, University of Bristol, İngiltere 1993 - 1998

Yüksek Lisans, Bursa Uludağ Üniversitesi, Türkiye 1988 - 1991

Lisans, Bursa Uludağ Üniversitesi, Türkiye 1983 - 1988

Yaptığı Tezler

Doktora, Avalanche Photodiodes for Proportional Photon Detectors, University of Bristol, Science, Physics, 1998

Araştırma Alanları

Temel Bilimler

Yönetilen Tezler

Tapan İ., Mikro desenli gazlı detektörlerin incelenmesi, Yüksek Lisans, T.Özdemir(Öğrenci), 2015

Tapan İ., Mikro desenli gazlı detektörlerde iyon-iyonik kümelerin sinyal oluşumuna etkileri, Doktora, Y.Kalkan(Öğrenci), 2015

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- II. **HE-LHC: The High-Energy Large Hadron Collider Future Circular Collider Conceptual Design Report Volume 4**
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- III. **FCC-hh: The Hadron Collider: Future Circular Collider Conceptual Design Report Volume 3**
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- IV. **Observation and study of the decay $J/\psi \rightarrow \varphi\eta\eta'$**
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- VI. **Search for heavy Majorana neutrino in lepton number violating decays of $D \rightarrow K\pi e e$**
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- VII. **FCC Physics Opportunities: Future Circular Collider Conceptual Design Report Volume 1**
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- VIII. **Observation of the W -annihilation decay $D_s \rightarrow \omega\pi$ and evidence for $D_s \rightarrow \omega K$**
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- IX. **Measurement of the phase between strong and electromagnetic amplitudes of J/ψ decays**
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- X. **Precision measurements of the $e e \rightarrow K_S^0 K \pi$ Born cross sections at center-of-mass energies between 3.8 and 4.6 GeV**
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- XI. **Search for baryon and lepton number violation in $J/\psi \rightarrow \Lambda_c e$**
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- XII. **Evidence of a Resonant Structure in the $e e \rightarrow \pi D_0 D^* \bar{D}$ Cross Section between 4.05 and 4.60 GeV**
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- XIII. **Determination of the Pseudoscalar Decay Constant f_{D_s} via $D_s \rightarrow \mu \nu$**
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- XIV. **Measurements of the absolute branching fractions and CP asymmetries for D**

$\langle \text{K}_{S,L} \rangle \rightarrow \langle \text{K}_{S,L} \rangle \langle \text{K} \rangle$
($\pi \langle 0 \rangle$)

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- XV. **Observation of $\psi(3686) \rightarrow \langle p \rangle \langle p \rangle \text{over-bar} \eta'$ and improved measurement of $\langle J \rangle / \psi \rightarrow \langle p \rangle \langle p \rangle \text{over-bar} \eta'$**

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- XVI. **Measurement of $\langle e \rangle \langle e \rangle \langle e \rangle \rightarrow \langle K \rangle \langle e \rangle \langle e \rangle \langle e \rangle$ cross section at $\sqrt{s} = 2.00\text{-}3.08$ GeV**

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- XVII. **Study of the $\langle D \rangle \langle 0 \rangle \rightarrow \langle K \rangle \langle e \rangle \langle e \rangle \mu \langle e \rangle \langle e \rangle$ Dynamics and Test of Lepton Flavor Universality with $\langle D \rangle \langle 0 \rangle \rightarrow \langle K \rangle \langle e \rangle \langle e \rangle \langle l \rangle \langle e \rangle \langle e \rangle \langle l \rangle$ Decays**

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- XVIII. **Study of the Dalitz decay $\langle J \rangle / \psi \rightarrow \langle e \rangle \langle e \rangle \langle e \rangle \langle e \rangle \langle e \rangle \langle e \rangle$**

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- XIX. **Evidence for the decays of $\Lambda \langle C \rangle \langle e \rangle \langle e \rangle \rightarrow \Sigma \langle e \rangle \langle e \rangle \eta$ and $\Sigma \langle e \rangle \langle e \rangle \eta'$**

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- XX. **Measurement of $\langle B \rangle \langle J \rangle / \psi \rightarrow \eta' \langle e \rangle \langle e \rangle \langle e \rangle \langle e \rangle$ and search for a dark photon**

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- XXI. **Observation of $\langle e \rangle \langle e \rangle \langle e \rangle \langle e \rangle \rightarrow \eta \langle Y \rangle (2175)$ at center-of-mass energies above 3.7 GeV**

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- XXII. **Observation of OZI-suppressed decays $\chi \langle c \rangle \langle c \rangle \rightarrow \omega \phi$**

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- XXIII. **Search for a strangeonium-like structure $\langle Z \rangle \langle s \rangle \langle e \rangle \langle e \rangle \rightarrow \phi \pi$ and a measurement of the cross section $\langle e \rangle \langle e \rangle \langle e \rangle \langle e \rangle \rightarrow \phi \pi$**

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- XXIV. **Measurement of the Absolute Branching Fraction of the Inclusive Semileptonic $\Lambda \langle c \rangle \langle e \rangle \langle e \rangle$ Decay**

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- XXV. **Beam offset impact on the polarization in the CLIC beam delivery system**

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- XXVI. **Measurement of the Branching Fraction For the Semileptonic Decay $\langle D \rangle \langle 0 \rangle \langle e \rangle \langle e \rangle \rightarrow \pi \langle e \rangle \langle e \rangle \mu \langle e \rangle \langle e \rangle$ and Test of Lepton Flavor Universality**

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- XXVII. **Amplitude analysis of the $K_S^0 K_S^0$ system produced in radiative J/ψ decays**
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- XXVIII. **Observation of $h(1380)$ in the $J/\psi \rightarrow \eta' K$ (K)over-bar π decay**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.
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- XXIX. **Observation of $\psi(3686) \rightarrow \eta' e^+ e^-$**
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- XXX. **Measurements of absolute branching fractions for $\Lambda_c^+ \rightarrow \Xi^0 K^+ + \Xi^0 \bar{K}^0$ and $\Xi(1530)^0 \rightarrow K^+ K^- + \bar{K}^0 K^0$**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.
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- XXXI. **Measurement of the Absolute Branching Fraction of the Inclusive Decay $\Lambda_c^+ \rightarrow \Lambda$ plus X**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.
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- XXXII. **First measurement of $e^+ e^- \rightarrow p K_S^0 \bar{n}$ (n)over-bar K^- + c.c. above open charm threshold**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.
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- XXXIII. **Observation of $\psi(3686) \rightarrow n(\bar{n})$ over-bar and improved measurement of $\psi(3686) \rightarrow p(\bar{p})$ over-bar**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., et al.
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- XXXIV. **Observation of $a_0(980) \rightarrow f_0(980)$ Mixing**
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- XXXV. **Measurement of $e^+ e^- \rightarrow D(D)$ over-bar cross sections at the $\psi(3770)$ resonance**
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- XXXVI. **Precision Study of $\eta' \rightarrow \gamma \pi^+ \pi^-$ Decay Dynamics**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
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- XXXVII. **Measurement of singly Cabibbo-suppressed decays $D^0 \rightarrow \pi^0 \pi^0 \pi^0$, $D^0 \rightarrow \pi^0 \pi^0 \eta$, $D^0 \rightarrow \eta \eta$ and $\eta \eta$**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.
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- XXXVIII. **Study of the decays $D^+ \rightarrow \eta(\eta') e^+ \nu_e$**
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- XXXIX. **Measurement of the integrated Luminosities of cross-section scan data samples around the $\psi(3770)$ mass region**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai Y., Bakina O., et al.
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- XL. **Search for the rare decay of $\Psi(3686) \rightarrow \Lambda + p e^+ e^- + c.c.$ at BESIII**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.
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- XLI. **Measurements of absolute branching fractions for D mesons decays into two pseudoscalar mesons**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.
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- XLII. **Study of two-photon decays of pseudoscalar mesons via J/Ψ radiative decays**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.
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- XLIII. **Search for the rare decays $D \rightarrow h(h') e^+ e^- + c.c.$**
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- XLIV. **Measurement of $e^+ e^- \rightarrow K \bar{K} J/\psi$ cross sections at center-of-mass energies from 4.189 to 4.600 GeV**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.
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- XLV. **Precision Measurement of the $e^+ e^- \rightarrow \Lambda_c \bar{\Lambda}_c$ Cross Section Near Threshold**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.
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- XLVI. **Improved measurements of $X_{cJ} \rightarrow \Sigma \bar{\Sigma}$ and $\Sigma_0 \bar{\Sigma}_0$ decays**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.
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- XLVII. **Measurement of the absolute branching fraction of $D^* \rightarrow \pi^0 D_s^0$ (2317)**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.
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- XLVIII. **Search for $h_c \rightarrow \pi^+ \pi^- J/\psi$ via $\psi(3686) \rightarrow \pi^0 \pi^+ \pi^- J/\psi$**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
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- XLIX. **Measurement of $e^+ e^- \rightarrow \pi^0 \pi^0 \psi(3686)$ at \sqrt{s} from 4.009 to 4.600 GeV and observation of a neutral charmoniumlike structure**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.
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- L. **Study of $\eta(1475)$ and $X(1835)$ in radiative J/ψ decays to $\gamma\phi$**
Ablikim M., Achasov M. N., Ahmed S., Albayrak O., Albrecht M., Alekseev M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
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- LI. **Measurements of the branching fractions of the singly Cabibbo-suppressed decays $D^0 \rightarrow \omega \eta, \eta(\eta') \pi^0$ and $\eta(\eta')$**

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- LII. **Observation of $e^+e^- \rightarrow \phi\chi_{c1}$ and $\phi\chi_{c2}$ at $\sqrt{s}=4.600$ GeV**

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- LIII. **Observation of a cross-section enhancement near mass threshold in $e^+e^- \rightarrow \Lambda(\Lambda)$**

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- LIV. **Determination of the number of $\psi(3686)$ events at BESIII**

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- LV. **Measurement of the matrix elements for the decays $\eta' \rightarrow \eta\pi^+\pi^-$ and $\eta' \rightarrow \eta\pi^0\pi^0$**

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- LVI. **Measurements of the branching fractions for the semileptonic decays $D^* \rightarrow e^+e^- \nu_e \bar{\nu}_e$, $\phi\mu^+\mu^-$ and $\eta'\mu^+\mu^-$**

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- LVII. **Study of J/ψ and $\psi(3686)$ decays to $\pi^+\pi^-\eta'$**

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- LVIII. **Search for $\psi(3686) \rightarrow \gamma\eta_c(\eta(1405)) \rightarrow \gamma\pi^+\pi^-\pi^0$**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.

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- LIX. **Observation of $\chi_{c2} \rightarrow \eta'\eta'$ and $\chi_{c0,2} \rightarrow \eta\eta'$**

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- LX. **Observation of the helicity-selection-rule suppressed decay of the χ_{c2} charmonium state**

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- LXI. **Search for the rare decays $J/\psi \rightarrow D^*e^+e^-$ and $\psi(3686) \rightarrow D^*e^+e^-$ + c.c.**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.

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- LXII. **Branching fraction measurement of $J/\psi \rightarrow K^*K^*_{L}$ and search for $J/\psi \rightarrow K^*KS$**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.

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- LXIII. **Improved measurements of two-photon widths of the χ_{c2} states and helicity analysis for $\chi_{c2} \rightarrow \gamma\gamma$**

- Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.
PHYSICAL REVIEW D, cilt.96, sa.9, 2017 (SCI-Expanded)
- LXIV. **Search for the rare decay $D \rightarrow D^0 e \nu_e$**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICAL REVIEW D, cilt.96, sa.9, 2017 (SCI-Expanded)
- LXV. **Dark photon search in the mass range between 1.5 and 3.4 GeV/c**
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
PHYSICS LETTERS B, cilt.774, ss.252-257, 2017 (SCI-Expanded)
- LXVI. **Measurement of cross sections of the interactions $e^+e^- \rightarrow \varphi\varphi$ and $e^+e^- \rightarrow \varphi\varphi$ at center-of-mass energies from 4.008 to 4.600 GeV**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICS LETTERS B, cilt.774, ss.78-86, 2017 (SCI-Expanded)
- LXVII. **Measurement of integrated luminosity and center-of-mass energy of data taken by BESIII at $\sqrt{s}=2.125$ GeV**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
CHINESE PHYSICS C, cilt.41, sa.11, 2017 (SCI-Expanded)
- LXVIII. **Observation of the decay $\Lambda_c^+ \rightarrow \Sigma^- \pi^+ \pi^+ \pi^0$**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.
PHYSICS LETTERS B, cilt.772, ss.388-393, 2017 (SCI-Expanded)
- LXIX. **Measurement of branching fractions for $\psi(3686) \rightarrow \gamma\eta'$, $\gamma\eta$, and $\gamma\pi^0$**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.
PHYSICAL REVIEW D, cilt.96, sa.5, 2017 (SCI-Expanded)
- LXX. **Evidence for $e^+e^- \rightarrow \gamma\eta_c$ ($1S$) at center-of-mass energies between 4.01 and 4.60 GeV**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.
PHYSICAL REVIEW D, cilt.96, sa.5, 2017 (SCI-Expanded)
- LXXI. **Determination of the Spin and Parity of the $Z_c(3900)$**
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
PHYSICAL REVIEW LETTERS, cilt.119, sa.7, 2017 (SCI-Expanded)
- LXXII. **Branching fraction measurements of $\psi(3686) \rightarrow \gamma\chi_{cJ}$**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.
PHYSICAL REVIEW D, cilt.96, sa.3, 2017 (SCI-Expanded)
- LXXIII. **Measurements of cross section of $e^+e^- \rightarrow p(\bar{p})\pi^0$ at center-of-mass energies between 4.008 and 4.600 GeV**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICS LETTERS B, cilt.771, ss.45-51, 2017 (SCI-Expanded)
- LXXIV. **Measurement of $e^+e^- \rightarrow \pi^+ \pi^- \psi(3686)$ from 4.008 to 4.600 GeV and observation of a charged structure in the $\pi^\pm \psi(3686)$ mass spectrum**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICAL REVIEW D, cilt.96, sa.3, 2017 (SCI-Expanded)
- LXXV. **Study of J/ψ and $\psi(3686) \rightarrow \Sigma(1385)^0 \Sigma^-(1385)^0$ and $\Xi^0 \Xi^-(1385)^0$**

- Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICS LETTERS B, cilt.770, ss.217-225, 2017 (SCI-Expanded)
- LXXVI. **Observation of $e^+e^- \rightarrow \eta_{hc}$ at center-of-mass energies from 4.085 to 4.600 GeV**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICAL REVIEW D, cilt.96, sa.1, 2017 (SCI-Expanded)
- LXXVII. **Observation of the doubly radiative decay $\eta' \rightarrow \gamma\pi^0$**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICAL REVIEW D, cilt.96, sa.1, 2017 (SCI-Expanded)
- LXXVIII. **Analysis of $D^+ \rightarrow (K^0)^{\text{over-bar}} e^+ \nu_e$ and $D^+ \rightarrow \pi^0 e^+ \nu_e$ semileptonic decays**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., et al.
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- LXXIX. **Luminosity measurements for the R scan experiment at BESIII**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
CHINESE PHYSICS C, cilt.41, sa.6, 2017 (SCI-Expanded)
- LXXX. **Evidence for the singly Cabibbo suppressed decay $\Lambda_{cb}^+ \rightarrow p\eta$ and search for $\Lambda_{cb}^+ \rightarrow p\pi^0$**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICAL REVIEW D, cilt.95, sa.11, 2017 (SCI-Expanded)
- LXXXI. **Observation of $\psi(3686) \rightarrow e^+e^- \chi_{cJ}$ and $\psi(3686) \rightarrow J/\psi \chi_{cJ}$**
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
PHYSICAL REVIEW LETTERS, cilt.118, sa.22, 2017 (SCI-Expanded)
- LXXXII. **Improved measurements of branching fractions for $\eta_{cc} \rightarrow \phi\phi$ and $\omega\phi$**
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
PHYSICAL REVIEW D, cilt.95, sa.9, 2017 (SCI-Expanded)
- LXXXIII. **Measurement of the absolute branching fraction for $\Lambda_{cb}^+ \rightarrow \Lambda\mu^+\nu_\mu$**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICS LETTERS B, cilt.767, ss.42-47, 2017 (SCI-Expanded)
- LXXXIV. **Search for the radiative leptonic decay $D^+ \rightarrow \gamma e^+ \nu_e$**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICAL REVIEW D, cilt.95, sa.7, 2017 (SCI-Expanded)
- LXXXV. **Measurement of higher-order multipole amplitudes in $\psi(3686) \rightarrow \gamma\chi_{c1,2}$ with $\chi_{c1,2} \rightarrow \gamma J/\psi$ and search for the transition $\eta_{cc}(2S) \rightarrow \gamma J/\psi$**
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
PHYSICAL REVIEW D, cilt.95, sa.7, 2017 (SCI-Expanded)

- LXXXVI. **Amplitude analysis of $D^0 \rightarrow K^- \pi^+ \pi^+$**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICAL REVIEW D, cilt.95, sa.7, 2017 (SCI-Expanded)
- LXXXVII. **Observation of $\Lambda_c \rightarrow n K^+ S^0 \pi^+$**
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PHYSICAL REVIEW LETTERS, cilt.118, sa.11, 2017 (SCI-Expanded)
- LXXXVIII. **Precise Measurement of the $e^+e^- \rightarrow \pi^+ \pi^- J/\psi$ Cross Section at Center-of-Mass Energies from 3.77 to 4.60 GeV**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
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- LXXXIX. **Evidence of Two Resonant Structures in $e^+e^- \rightarrow \pi^+ \pi^- h_c$**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
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- XC. **Simulation of LYSO Crystal for the TAC-PF Electromagnetic Calorimeter**
Kocak F., Tapan İ.
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- XCI. **Study of J/ψ and $\psi(3686)$ decay to $\Lambda(\bar{\Lambda})$ and $\Sigma^0(\bar{\Sigma})$ final states**
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.
PHYSICAL REVIEW D, cilt.95, sa.5, 2017 (SCI-Expanded)
- XCII. **Amplitude analysis of the $\chi_{c1} \rightarrow \eta \pi^+ \pi^-$ decays**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
PHYSICAL REVIEW D, cilt.95, sa.3, 2017 (SCI-Expanded)
- XCIII. **Measurements of the branching fractions for $D^+ \rightarrow K^+ S^0$, $D^+ \rightarrow K^+ S^0 \pi^+$, $D^+ \rightarrow K^+ S^0 \pi^0$, $D^+ \rightarrow K^+ S^0 \pi^+$ and $D^0 \rightarrow K^+ S^0$, $D^0 \rightarrow K^+ S^0 \pi^0$, $D^0 \rightarrow K^+ S^0 \pi^+$**
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.
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- XCIV. **Amplitude Analysis of the Decays $\eta' \rightarrow \pi^+ \pi^- \pi^0$ and $\eta' \rightarrow \pi^0 \pi^0 \pi^0$**
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
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- XCV. **Radiation Effects on TAC-PF Electromagnetic Calorimeter**
Pilicer E., Kocak F., Kilic A., Pilicer F. B., Tapan İ.
ACTA PHYSICA POLONICA A, sa.1, ss.190-192, 2017 (SCI-Expanded)
- XCVI. **Determination of the number of J/ψ events with inclusive J/ψ decays**
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
CHINESE PHYSICS C, cilt.41, sa.1, 2017 (SCI-Expanded)
- XCVII. **Measurements of the absolute branching fractions for $D^+ \rightarrow K^+ S^0 \pi^+$**

$\eta \langle e \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \nu \langle e \rangle \langle \text{sub} \rangle \langle \text{SUP} \rangle$ and $\langle D \rangle \langle \text{sub} \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \rightarrow \eta' \langle e \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \nu \langle e \rangle \langle \text{sub} \rangle \langle \text{SUP} \rangle$

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW D, cilt.94, sa.11, 2016 (SCI-Expanded)

XCVIII. **Measurement of Singly Cabibbo Suppressed Decays $\Lambda \langle c \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \rightarrow \langle p \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \pi \langle \text{SUP} \rangle - \langle \text{SUP} \rangle$ and $\Lambda \langle c \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \rightarrow \langle p \rangle \langle \text{K} \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \langle \text{K} \rangle \langle \text{SUP} \rangle - \langle \text{SUP} \rangle$**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW LETTERS, cilt.117, sa.23, 2016 (SCI-Expanded)

XCIX. **Measurement of the absolute branching fraction of $D \langle \text{SUP} \rangle | \langle \text{SUP} \rangle \rightarrow (K) \text{over-bar} \langle \text{SUP} \rangle 0 \langle \text{SUP} \rangle e \langle \text{SUP} \rangle | \langle \text{SUP} \rangle \nu \langle e \rangle \langle \text{sub} \rangle \langle \text{SUP} \rangle$ via $(K) \text{over-bar} \langle \text{SUP} \rangle 0 \langle \text{SUP} \rangle \rightarrow \pi \langle \text{SUP} \rangle 0 \langle \text{SUP} \rangle \pi \langle \text{SUP} \rangle 0 \langle \text{SUP} \rangle$**

Ablikim M., Achasov N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
CHINESE PHYSICS C, cilt.40, sa.11, 2016 (SCI-Expanded)

C. **Observation of $J/\psi \rightarrow \gamma \eta \pi \langle 0 \rangle \langle \text{SUP} \rangle$**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW D, cilt.94, sa.7, 2016 (SCI-Expanded)

CI. **Measurement of the $D_s \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \rightarrow \langle l \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \langle \text{ve} \rangle$ branching fractions and the decay constant $\langle f D_s \rangle +$**

Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
PHYSICAL REVIEW D, cilt.94, sa.7, 2016 (SCI-Expanded)

CII. **Tracking parameter simulation for the Turkish accelerator center particle factory tracker system**

Tapan İ., Pilicer E., Pilicer F. B.

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CIII. **Observation of $\langle e \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \langle e \rangle \langle \text{SUP} \rangle - \langle \text{SUP} \rangle \rightarrow \eta' J/\psi$ center-of-mass energies between 4.189 and 4.600 GeV**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

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CIV. **Study of $D \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \rightarrow \langle K \rangle \langle \text{SUP} \rangle - \langle \text{SUP} \rangle \pi \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \langle e \rangle \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \nu \langle e \rangle \langle \text{sub} \rangle \langle \text{SUP} \rangle$**

Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
PHYSICAL REVIEW D, cilt.94, sa.3, 2016 (SCI-Expanded)

CV. **Observation of an Anomalous Line Shape of the $\eta' \pi \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \pi \langle \text{SUP} \rangle - \langle \text{SUP} \rangle \langle \text{SUP} \rangle$ Mass Spectrum near the $\langle p \rangle \text{over-bar} \langle \text{SUP} \rangle$ Mass Threshold in $J/\psi \rightarrow \gamma \eta' \pi \langle \text{SUP} \rangle + \langle \text{SUP} \rangle \pi \langle \text{SUP} \rangle - \langle \text{SUP} \rangle$**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW LETTERS, cilt.117, sa.4, 2016 (SCI-Expanded)

CVI. **Observation of $h \langle c \rangle \langle \text{SUP} \rangle$ Radiative Decay $h \langle c \rangle \langle \text{SUP} \rangle \rightarrow \gamma \eta'$ and Evidence for $h \langle c \rangle \langle \text{SUP} \rangle \rightarrow \gamma \eta$**

Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
PHYSICAL REVIEW LETTERS, cilt.116, sa.25, 2016 (SCI-Expanded)

CVII. **Observation of pseudoscalar and tensor resonances in $J/\psi \rightarrow \gamma \phi \phi$**

Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.
PHYSICAL REVIEW D, cilt.93, sa.11, 2016 (SCI-Expanded)

CVIII. **Measurements of the center-of-mass energies at BESIII via the di-muon process**

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- CIX. **Search for the weak decay $\eta' \rightarrow K^{\pm} \pi^{\mp}$ and precise measurement of the branching fraction $B(J/\psi \rightarrow \varphi \eta')$**
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al. PHYSICAL REVIEW D, cilt.93, sa.7, 2016 (SCI-Expanded)
- CX. **Study of ψ decays to the $\Xi^{\pm} \bar{\Xi}^{\mp}$ and $\Sigma(1385)^{\pm}$ final states**
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al. PHYSICAL REVIEW D, cilt.93, sa.7, 2016 (SCI-Expanded)
- CXI. **Investigation of Shot Noise in Avalanche Photodiodes**
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- CXII. **Study of $J/\psi \rightarrow p \bar{p}$ at BESIII**
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- CXIII. **Search for a light CP-odd Higgs boson in radiative decays of J/ψ**
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- CXIV. **Observation of the Singly Cabibbo-Suppressed Decay $D^{\pm} \rightarrow \omega \pi^{\pm}$ and Evidence for $D^{\pm} \rightarrow \omega \pi^0$**
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- CXV. **Measurement of the branching fraction for $\psi(3770) \rightarrow \gamma \chi_{c0}$**
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- CXVI. **Measurement of the $e^+e^- \rightarrow \pi^+ \pi^-$ cross section between 600 and 900 MeV using initial state radiation**
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- CXVIII. **Measurement of Azimuthal Asymmetries in Inclusive Charged Dipion Production in e^+e^- Annihilations at $\sqrt{s}=3.65$ GeV**
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- CXIX. **Observation of $e^+e^- \rightarrow \omega \chi_{c1,2}$ near $\sqrt{s}=4.42$ and 4.6 GeV**
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 $\pi^0 \pi^0$ at $\sqrt{s} = 4.226$ and 4.257 GeV
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- CXXXII. **Precision measurement of the integrated luminosity of the data taken by BESIII at center-of-mass energies between 3.810 GeV and 4.600 GeV**
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- CXLI. **Measurement of the $e^+e^- \rightarrow \eta J/\psi$ cross section and search for $e^+e^- \rightarrow \pi^0 J/\psi$ at center-of-mass energies between 3.810 and 4.600 GeV**
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- CXLVI. **Measurement of y_{CP} in $D^0 - (\bar{D}^0)$ oscillation using quantum correlations in e^+e^-**

$D^0 \rightarrow D^0 \bar{D}^0$ at $\sqrt{s} = 3.773$ GeV

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- CLXVI. **Observation of electromagnetic Dalitz decays $J/\psi \rightarrow Pe^+e^-$**
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- CLXIX. **Observation of a Charged Charmoniumlike Structure in $e^+e^- \rightarrow (D^*(D\bar{a}_0^*))\pi^\mp$ at $\sqrt{s}=4.26$ GeV**
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- CLXXIII. **Observation of a Charged (D^{\pm})^{*} Mass Peak in $e^+e^- \rightarrow \pi^{\pm} D^{\pm}$ at $\sqrt{s}=4.26$ GeV**
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- CLXXIX. **Measurement of the integrated luminosities of the data taken by BESIII at $\sqrt{s}=3.650$ and 3.773 GeV**
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- CLXXXII. **Precision measurements of $B_c[\psi(3686) \rightarrow \pi^+\pi^-\pi^0 J/\psi]$ and $B_c[J/\psi \rightarrow l^+l^-\pi^0]$**
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