

*Curriculum vitae and  
list of publications*

*Adán Cabello*

## PERSONAL

Surname, name: *Cabello Quintero, Adán.*

Place of birth: *Madrid.*

Date of birth: *July 4, 1968.*

Nationality: *Spanish.*

Current position: *Full professor at the University of Sevilla.*

Permanent address: *Dept. Física Aplicada II. Universidad de Sevilla. ETSIE, Avda. Reina Mercedes, 4 A. 41012 Sevilla. Spain.*

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ORCID: *0000-0002-4631-457X.*

Scopus: *7006556782.*

## EDUCATION

Degree	Institution	Date	Distinction, if any
<i>Baccalaureate (Bachillerato)</i>	<i>I.N.B. Joaquín Turina, Madrid</i>	<i>1986</i>	
<i>M.Sc. in Physics</i>	<i>Universidad Complutense de Madrid</i>	<i>1991</i>	
<i>Ph.D. in Physics</i>	<i>Universidad Complutense de Madrid</i>	<i>1996</i>	<i>Apto Cum Laude por Unanimidad</i>

<b>EMPLOYMENT</b>					
Academic rank	University	Dedication	Activity	From	Until
<i>Type I Associate Professor</i>	<i>Universidad de Sevilla</i>	<i>6 hours</i>	<i>Theory, problems and laboratories</i>	<i>24-10-1996</i>	<i>09-02-1997</i>
<i>Type I Associate Professor</i>	<i>Universidad de Sevilla</i>	<i>Full time</i>	<i>Theory, problems and laboratories</i>	<i>10-02-1997</i>	<i>30-09-1997</i>
<i>Type II Associate Professor</i>	<i>Universidad de Sevilla</i>	<i>Full time</i>	<i>Theory, problems and laboratories</i>	<i>01-10-1997</i>	<i>22-10-1997</i>
<i>Type III Associate Professor</i>	<i>Universidad de Sevilla</i>	<i>Full time</i>	<i>Theory, problems and laboratories</i>	<i>23-10-1997</i>	<i>18-02-2000</i>
<i>Professor (Profesor Titular de Escuela Universitaria)</i>	<i>Universidad de Sevilla</i>	<i>Full time</i>	<i>Theory, problems and laboratories</i>	<i>19-02-2000</i>	<i>28-12-2003</i>
<i>Professor (Profesor Titular de Universidad)</i>	<i>Universidad de Sevilla</i>	<i>Full time</i>	<i>Theory, problems and laboratories</i>	<i>29-12-2003</i>	<i>19-03-2009</i>
<i>Full Professor (Catedrático de Universidad)</i>	<i>Universidad de Sevilla</i>	<i>Full time</i>	<i>Theory, problems and laboratories</i>	<i>20-03-2009</i>	<i>Now</i>

<b>SCIENTIFIC AWARDS AND SCHOLARSHIPS</b>
<i>Andalusia Award for Young Researchers "Third Millennium" 2002 (Premio Andalucía de Jóvenes Investigadores "Tercer Milenio" 2002), Andalusian Junta (Junta de Andalucía), 2002.</i>
<i>Wenner-Gren Foundation Visiting Professor Scholarship, Stockholm University, 2011.</i>
<i>Special Visiting Researcher Scholarship, "Science without Borders" program (Brazil), Universidade Federal de Minas Gerais, Belo Horizonte, 2012–2014.</i>
<i>University of Seville Special Relevance Research Papers Award (Premio Universidad de Sevilla a Trabajos de Investigación de Especial Relevancia), 2018.</i>

## SCIENTIFIC RESEARCH PROJECTS AS A LEADER

*Foundations of Quantum Mechanics, Andalusian Junta (Junta de Andalucía), FQM-239 (1998–now).*

*Quantum Communication (Comunicación Cuántica), Spanish Ministry of Science and Technology (Ministerio de Ciencia y Tecnología), BFM2000-0529 (2000–2001). € 4,038.*

*Quantum Communication (Comunicación Cuántica), Spanish Ministry of Science and Technology (Ministerio de Ciencia y Tecnología), BFM2001-3943 (2001–2004). Approx. € 22,000.*

*Quantum Communication: New Applications of Entanglement (Comunicación Cuántica: Nuevas Aplicaciones del Entrelazamiento), Spanish Ministry of Science and Technology (Ministerio de Ciencia y Tecnología), BFM2002-02815 (2002–2005). € 33,350.*

*Quantum Communication: Applications of Decoherence-Free States (Comunicación Cuántica: Aplicaciones de los Estados sin Decoherencia), Spanish Ministry of Education and Science (Ministerio de Educación y Ciencia), FIS2005-07689 (2005–2008). € 26,180.*

*Bell Inequalities with Hyperentangled States (Desigualdades de Bell con Estados Hiperentrelazados), Andalusian Junta (Junta de Andalucía), Excellent Research Projects (Proyectos de Investigación de Excelencia), P06-FQM-02243 (2007–2010). € 134,536.*

*Quantum Information: Entanglement, Quantum Computation and Nanodevices (Información Cuántica: Entrelazamiento, Computación Cuántica y Nanodispositivos), Spanish Ministry of Science and Innovation (Ministerio de Ciencia e Innovación), FIS2008-05596 (2009–2011). € 96,800.*

*Quantum Information: Quantum Correlations and Nanodevices (Información Cuántica: Correlaciones Cuánticas y Nanosistemas), Spanish Ministry of Science and Innovation (Ministerio de Ciencia e Innovación) and Spanish Ministry of Economy and Competitiveness (Ministerio de Economía y Competitividad), FIS2011-29400 (2012–2014). € 64,130.*

*The Nature of Information in Sequential Quantum Measurements, Foundational Questions Institute (FQXi), USA (co-led by Otfried Gühne, University of Siegen, and Jan-Åke Larsson, Linköping University) (2013–2016). \$162,265.*

*Advanced Quantum Information (Información Cuántica Avanzada), Spanish Ministry of Economy and Competitiveness (Ministerio de Economía y Competitividad), FIS2014-60843 (2015–2017). € 30,000.*

*The Observer Observed: A Bayesian Route to the Reconstruction of Quantum Theory, Foundational Questions Institute (FQXi), USA FQXi-RFP-1608 (co-led by Giulio Chiribella, Hong Kong University, and Matthias Kleinmann, University of the Basque Country) (2016–2018). \$113,850.*

*Quantum Tools for Information, Computation and Research (Herramientas Cuánticas para Información, Computación e Investigación), Spanish Ministry of Economy and Competitiveness (Ministerio de Economía y Competitividad) and Spanish Ministry of Science Innovation and Universities (Ministerio de Ciencia, Innovación y Universidades), FIS2017-89609-P (2018–2020). € 48,400.*

### OTHER CURRENT SCIENTIFIC RESEARCH PROJECTS

*Photonic Quantum Information, Knut and Alice Wallenberg Foundation, Sweden (leader: Mohamed Bourenane, Stockholm University) (2016–2020). Approx. € 3,700,000.*

*Quantum Machine Learning, The Research Council of Norway (RCN), ES 56 47 77 (leader: Matthew G. Parker, University of Bergen) (2016–2019). Approx. € 787,000.*

PEER-REVIEWED PAPERS

AUTHOR:

A. Cabello.

TITLE:

*A simple proof of the Kochen-Specker theorem.*

JOURNAL:

*European Journal of Physics*, vol. 15, no. 4, pp. 179–183 (1994).

AUTHORS:

A. Cabello and G. García Alcaine.

TITLE:

*La sorprendente incompatibilidad de la idea de realidad einsteiniana con la Mecánica Cuántica (o de cómo la Mecánica Cuántica es más extraña de lo que usualmente se cree).*

JOURNAL:

*Revista Española de Física*, vol. 9, no. 2, pp. 11–17 (1995).

AUTHORS:

A. Cabello and G. García Alcaine.

TITLE:

*A hidden-variables versus Quantum Mechanics experiment.*

JOURNAL:

*Journal of Physics A: Mathematical and General*, vol. 28, no. 13, pp. 3719–3724 (1995).

AUTHORS:

A. Cabello and G. García Alcaine.

TITLE:

*Bell-Kochen-Specker theorem for any finite dimensions  $n \geq 3$ .*

JOURNAL:

*Journal of Physics A: Mathematical and General*, vol. 29, no. 5, pp. 1025–1036 (1996).

AUTHORS:

A. Cabello, J. M. Estebaranz and G. García Alcaine.

TITLE:

*Bell-Kochen-Specker theorem: A proof with 18 vectors.*

JOURNAL:

*Physics Letters A*, vol. 212, no. 4, pp. 183–187 (1996).

AUTHORS:

A. Cabello and E. Santos.

TITLE:

*Comment on 'Experimental demonstration of the violation of local realism without Bell inequalities'.*

JOURNAL:

*Physics Letters A*, vol. 214, nos. 5–6, pp. 316–318 (1996).

PEER-REVIEWED PAPERS (cont.)

AUTHORS:

A. Cabello, J. M. Estebaranz and G. García Alcaine.

TITLE:

*New variants of the Bell-Kochen-Specker theorem.*

JOURNAL:

*Physics Letters A*, vol. 218, nos. 3–6, pp. 115–118 (1996).

AUTHORS:

A. Cabello and G. García Alcaine.

TITLE:

*Quantum mechanics and elements of reality inferred from joint measurements.*

JOURNAL:

*Journal of Physics A: Mathematical and General*, vol. 30, no. 2, pp. 725–732 (1997).

AUTHOR:

A. Cabello.

TITLE:

*No-hidden-variables proof for two spin- $\frac{1}{2}$  particles preselected and postselected in unentangled states.*

JOURNAL:

*Physical Review A*, vol. 55, no. 6, pp. 4109–4111 (1997).

AUTHORS:

A. Cabello and G. García Alcaine.

TITLE:

*Proposed experimental tests of the Bell-Kochen-Specker theorem.*

JOURNAL:

*Physical Review Letters*, vol. 80, no. 9, pp. 1797–1799 (1998).

AUTHOR:

A. Cabello.

TITLE:

*Ladder proof of nonlocality without inequalities and without probabilities.*

JOURNAL:

*Physical Review A*, vol. 58, no. 3, pp. 1687–1693 (1998).

AUTHORS:

A. Cabello, J. L. Cereceda and G. García de Polavieja.

TITLE:

*Sobre la transmisión de señales a velocidades superlumínicas utilizando las correlaciones cuánticas.*

JOURNAL:

*Revista Española de Física*, vol. 12, no. 3, pp. 44–46 (1998).

AUTHOR:

A. Cabello.

TITLE:

*Quantum correlations are not local elements of reality.*

JOURNAL:

*Physical Review A*, vol. 59, no. 1, pp. 113–115 (1999).

PEER-REVIEWED PAPERS (cont.)

AUTHOR:

A. Cabello.

TITLE:

*Quantum correlations are not contained in the initial state.*

JOURNAL:

*Physical Review A*, vol. 60, no. 2, pp. 877–880 (1999).

AUTHOR:

A. Cabello.

TITLE:

*Kochen-Specker theorem and experimental test on hidden variables.*

JOURNAL:

*International Journal of Modern Physics A* vol. 15, no. 18, pp. 2813–2820 (2000).

AUTHOR:

A. Cabello.

TITLE:

*Nonlocality without inequalities has not been proved for maximally entangled states.*

JOURNAL:

*Physical Review A*, vol. 61, no. 2, 022119 (2000).

AUTHOR:

A. Cabello.

TITLE:

*Quantum key distribution without alternative measurements.*

JOURNAL:

*Physical Review A*, vol. 61, no. 5, 052312 (2000).

AUTHOR:

A. Cabello.

TITLE:

*Introducción a la lógica cuántica.*

JOURNAL:

*Arbor*, vol. 167, nos. 659–660, pp. 489–507 (2000).

AUTHOR:

A. Cabello.

TITLE:

*Quantum key distribution in the Holevo limit.*

JOURNAL:

*Physical Review Letters*, vol. 85, no. 26, pp. 5635–5638 (2000).

AUTHOR:

A. Cabello.

TITLE:

*Multiparty multilevel Greenberger-Horne-Zeilinger states.*

JOURNAL:

*Physical Review A*, vol. 63, no. 2, 022104 (2001).



PEER-REVIEWED PAPERS (cont.)

AUTHOR:

A. Cabello.

TITLE:

Reply to "Comment on 'Quantum key distribution without alternative measurements'" [Phys. Rev. A **63**, 036301 (2001)].

JOURNAL:

Physical Review A, vol. 63, no. 3, 036302 (2001).

AUTHOR:

A. Cabello.

TITLE:

Bell's theorem without inequalities and without probabilities for two observers.

JOURNAL:

Physical Review Letters, vol. 86, no. 10, pp. 1911–1914 (2001).

AUTHOR:

A. Cabello.

TITLE:

"All versus nothing" inseparability for two observers.

JOURNAL:

Physical Review Letters, vol. 87, no. 1, 010403 (2001).

AUTHOR:

A. Cabello.

TITLE:

Addendum to 'Quantum key distribution without alternative measurements'.

JOURNAL:

Physical Review A, vol. 64, no. 2, 024301 (2001).

AUTHOR:

A. Cabello.

TITLE:

Efficient quantum cryptography.

JOURNAL:

Recent Research and Developments in Physics, vol. 2, pp. 249–257 (2001).

AUTHOR:

A. Cabello.

TITLE:

Violating Bell's inequality beyond Cirel'son's bound.

JOURNAL:

Physical Review Letters, vol. 88, no. 6, 060403 (2002).

AUTHOR:

A. Cabello.

TITLE:

Bell's theorem with and without inequalities for the three-qubit GHZ- and W-state.

JOURNAL:

Physical Review A, vol. 65, no. 3, 032108 (2002); Physical Review A, vol. 85, no. 2, 029903(E) (2012).

PEER-REVIEWED PAPERS (cont.)

AUTHOR:

A. Cabello.

TITLE:

*Finite precision measurement does not nullify the Kochen-Specker theorem.*

JOURNAL:

*Physical Review A*, vol. 65, no. 5, 052101 (2002).

AUTHOR:

A. Cabello.

TITLE:

*Bell's inequality for  $n$  spin- $s$  particles.*

JOURNAL:

*Physical Review A*, vol. 65, no. 6, 062105 (2002).

AUTHOR:

A. Cabello.

TITLE:

*$N$ -particle  $N$ -level singlet states: Some properties and applications.*

JOURNAL:

*Physical Review Letters*, vol. 89, no. 10, 100402 (2002).

AUTHOR:

A. Cabello.

TITLE:

*Two qubits of a  $W$  state violate Bell's inequality beyond Cirel'son's bound.*

JOURNAL:

*Physical Review A*, vol. 66, no. 4, 042114 (2002); vol. 67, no. 2, 029901 (2003).

AUTHOR:

A. Cabello.

TITLE:

*Rotationally invariant proof of Bell's theorem without inequalities.*

JOURNAL:

*Physical Review A*, vol. 67, no. 3, 032107 (2003).

AUTHOR:

A. Cabello.

TITLE:

*Kochen-Specker theorem for a single qubit using positive operator-valued measures.*

JOURNAL:

*Physical Review Letters*, vol. 90, no. 19, 190401 (2003).

AUTHOR:

A. Cabello.

TITLE:

*Supersinglets.*

JOURNAL:

*Journal of Modern Optics*, vol. 50, nos. 6–7, pp. 1049–1061 (2003).

PEER-REVIEWED PAPERS (cont.)

AUTHOR:

A. Cabello.

TITLE:

*Bell's inequality without alternative settings.*

JOURNAL:

*Physics Letters A*, vol. 313, nos. 1–2, pp. 1–7 (2003).

AUTHOR:

A. Cabello.

TITLE:

*Reply to 'Comment on "Bell's theorem without inequalities and without probabilities for two observers" ' [Phys. Rev. Lett. 90, 258901 (2003)].*

JOURNAL:

*Physical Review Letters*, vol. 90, no. 25, 258902 (2003).

AUTHOR:

A. Cabello.

TITLE:

*Solving the liar detection problem using the four-qubit singlet state.*

JOURNAL:

*Physical Review A*, vol. 68, no. 1, 012304 (2003).

AUTHOR:

A. Cabello.

TITLE:

*Greenberger-Horne-Zeilinger-like proof of Bell's theorem involving observers who do not share a reference frame.*

JOURNAL:

*Physical Review A*, vol. 68, no. 4, 012304 (2003).

AUTHOR:

A. Cabello.

TITLE:

*Bell's theorem without inequalities and without alignments.*

JOURNAL:

*Physical Review Letters*, vol. 91, no. 23, 230403 (2003).

AUTHOR:

A. Cabello.

TITLE:

*Proposed experiment to test the bounds of quantum correlations.*

JOURNAL:

*Physical Review Letters* vol. 92, no. 6, 060403 (2004).

AUTHORS:

*M. Bourennane, M. Eibl, S. Gaertner, C. Kurtsiefer, A. Cabello and H. Weinfurter.*

TITLE:

*Decoherence-free quantum information processing with four-photon entangled states.*

JOURNAL:

*Physical Review Letters* vol. 92, no. 10, 107901 (2004).

PEER-REVIEWED PAPERS (cont.)

AUTHOR:

A. Cabello.

TITLE:

Reply to 'Comment on "Bell's theorem without inequalities and without alignments" ' [Phys. Rev. Lett. **93**, 128901 (2004)].

JOURNAL:

Physical Review Letters vol. 93, no. 12, 128902 (2004).

AUTHORS:

M. Bourennane, M. Eibl, S. Gaertner, C. Kurtsiefer, H. Weinfurter, A. Cabello, O. Gühne, P. Hyllus, M. Lewenstein and A. Sanpera.

TITLE:

Four photon polarization entanglement tests and applications.

JOURNAL:

International Journal of Quantum Information vol. 2, no. 1, pp. 133–147 (2004).

AUTHORS:

A. Cabello and A. J. López Tarrida.

TITLE:

Proposed experiment for the quantum "Guess My Number" protocol using four-qubit entangled states.

JOURNAL:

Physical Review A vol. 71, no. 2, 020301(R) (2005).

AUTHORS:

A. Cabello and J. Calsamiglia.

TITLE:

Quantum entanglement, indistinguishability, and the absent-minded driver's problem.

JOURNAL:

Physics Letters A vol. 336, no. 6, pp. 441–447 (2005).

AUTHORS:

A. Cabello, J. M. Estebaranz and G. García Alcaine.

TITLE:

Recursive proof of the Bell-Kochen-Specker theorem in any dimension  $n > 3$ .

JOURNAL:

Physics Letters A vol. 339, no. 6, pp. 425–429 (2005).

AUTHOR:

A. Cabello.

TITLE:

How much larger quantum correlations are than classical ones.

JOURNAL:

Physical Review A vol. 72, no. 1, 012113 (2005).

AUTHOR:

A. Cabello.

TITLE:

Stronger two-observer all-versus-nothing violation of local realism.

JOURNAL:

Physical Review Letters vol. 95, no. 21, 210401 (2005).

PEER-REVIEWED PAPERS (cont.)

AUTHOR:

A. Cabello.

TITLE:

*Loophole-free Bell's experiment and two-photon all-versus-nothing violation of local realism.*

JOURNAL:

*Physical Review A vol. 72, no. 5, 050101(R) (2005).*

AUTHORS:

A. Cabello, A. Feito and A. Lamas Linares.

TITLE:

*Bell's inequalities with realistic noise for polarization-entangled photons.*

JOURNAL:

*Physical Review A vol. 72, no. 5, 052112 (2005).*

AUTHOR:

A. Cabello.

TITLE:

*Bell's theorem without inequalities and without unspeakable information.*

JOURNAL:

*Foundations of Physics vol. 35, no. 11, pp. 1927–1934 (2005).*

AUTHOR:

A. Cabello,

JOURNAL:

*Two-player quantum pseudo-telepathy based on recent all-versus-nothing violations of local realism.*

*Physical Review A vol. 73, no. 2, 022302 (2006).*

AUTHOR:

A. Cabello.

TITLE:

*Communication complexity as a principle of quantum mechanics.*

JOURNAL:

*Foundations of Physics vol. 36, no. 4, pp. 512–525 (2006).*

AUTHOR:

A. Cabello.

TITLE:

*How many questions do you need to prove that unasked questions have no answers?*

JOURNAL:

*International Journal of Quantum Information vol. 4, no. 1, pp. 55–61 (2006).*

AUTHORS:

F. A. Bovino, G. Castagnoli, A. Cabello and A. Lamas-Linares.

TITLE:

*Experimental noise-resistant Bell-inequality violations for polarization-entangled photons.*

JOURNAL:

*Physical Review A vol. 73, no. 6, 062110 (2006).*

PEER-REVIEWED PAPERS (cont.)

AUTHOR:

A. Cabello.

TITLE:

*Bipartite Bell inequalities for hyperentangled states.*

JOURNAL:

*Physical Review Letters vol. 97, no. 14, 140406 (2006).*

AUTHORS:

M. Barbieri, F. De Martini, P. Mataloni, G. Vallone and A. Cabello.

TITLE:

*Enhancing the violation of the Einstein-Podolsky-Rosen local realism by quantum hyperentanglement.*

JOURNAL:

*Physical Review Letters vol. 97, no. 14, 140407 (2006).*

AUTHORS:

Y.-A. Chen, T. Yang, A.-N. Zhang, Z. Zhao, A. Cabello and J.-W. Pan.

TITLE:

*Experimental violation of Bell's inequality beyond Tsirelson's bound.*

JOURNAL:

*Physical Review Letters vol. 97, no. 17, 170408 (2006).*

AUTHOR:

A. Cabello.

TITLE:

*Six-qubit permutation-based decoherence-free orthogonal basis.*

JOURNAL:

*Physical Review A vol. 75, no. 2, 020301(R) (2007).*

AUTHORS:

J. Zhang, X.-H. Bao, T.-Y. Chen, T. Yang, A. Cabello and J.-W. Pan.

TITLE:

*Experimental demonstration of the quantum "Guess my Number" protocol using multiphoton entanglement.*

JOURNAL:

*Physical Review A vol. 75, no. 2, 022302 (2007).*

AUTHORS:

A. Cabello and J.-Å. Larsson.

TITLE:

*Minimum detection efficiency for a loophole-free atom-photon Bell experiment.*

JOURNAL:

*Physical Review Letters vol. 98, no. 22, 220402 (2007).*

PEER-REVIEWED PAPERS (cont.)

AUTHOR:

A. Cabello.

TITLE:

Reducción de la comunicación mediante entrelazamiento: del "descubrimiento más profundo de la física" a la "pseudo-telepatía cuántica".

JOURNAL:

Revista Española de Física vol. 21, no. 2, pp. 58–60 (2007).

AUTHORS:

A. Cabello and P. Moreno.

TITLE:

Bipartite all-versus-nothing proofs of Bell's theorem with single-qubit measurements.

JOURNAL:

Physical Review Letters vol. 99, no. 22, 220402 (2007).

AUTHOR:

A. Cabello.

TITLE:

Reply to 'Comment on "Quantum key distribution in the Holevo limit" ' [Phys. Rev. Lett. 100, 018901 (2008)].

JOURNAL:

Physical Review Letters vol. 100, no. 1, 018902 (2008).

AUTHORS:

S. Gaertner, M. Bourennane, C. Kurtsiefer, A. Cabello and H. Weinfurter.

TITLE:

Experimental demonstration of a quantum protocol for Byzantine agreement and liar detection.

JOURNAL:

Physical Review Letters vol. 100, no. 7, 070504 (2008).

AUTHORS:

O. Gühne and A. Cabello.

TITLE:

Generalized Ardehali-Bell inequalities for graph states.

JOURNAL:

Physical Review A vol. 77, no. 3, 032108 (2008).

AUTHORS:

A. Cabello, O. Gühne, P. Moreno and D. Rodríguez.

TITLE:

Nonlocality for graph states.

JOURNAL:

Laser Physics vol. 18, no. 3, pp. 335–343 (2008).

AUTHORS:

A. Cabello, S. Filipp, Y. Hasegawa and H. Rauch.

TITLE:

Proposed experiment for testing quantum contextuality with neutrons.

JOURNAL:

Physical Review Letters vol. 100, no. 13, 130404 (2008).

PEER-REVIEWED PAPERS (cont.)

AUTHORS:

A. Cabello, O. Gühne and D. Rodríguez.

TITLE:

Mermin inequalities for perfect correlations.

JOURNAL:

Physical Review A vol. 77, no. 6, 062106 (2008).

AUTHORS:

A. Cabello, D. Rodríguez and I. Villanueva.

TITLE:

Necessary and sufficient detection efficiency for the Mermin inequalities.

JOURNAL:

Physical Review Letters vol. 101, no. 12, 120402 (2008).

AUTHORS:

S. Gaertner, M. Bourennane, C. Kurtsiefer, A. Cabello and H. Weinfurter.

TITLE:

Reply to 'Comment on "Experimental demonstration of a quantum protocol for Byzantine agreement and liar detection"' [Phys. Rev. Lett. **100**, 070504 (2008)].

JOURNAL:

Physical Review Letters vol. 101, no. 20, 208902 (2008).

AUTHOR:

A. Cabello.

TITLE:

Experimentally testable state-independent quantum contextuality.

JOURNAL:

Physical Review Letters vol. 101, no. 21, 210401 (2008).

AUTHORS:

A. Cabello, A. Rossi, G. Vallone, F. De Martini and P. Mataloni.

TITLE:

Bell experiment with genuine energy-time entanglement.

JOURNAL:

Physical Review Letters vol. 102, no. 4, 040401 (2009).

AUTHOR:

A. Cabello.

TITLE:

Novel Bell inequalities for  $n$  qubits distributed between  $m < n$  parties.

JOURNAL:

International Journal of Quantum Information vol. 7, no. 1 supp., pp. 237–243 (2009).

AUTHORS:

A. Cabello, A. J. López Tarrida, P. Moreno and J. R. Portillo.

TITLE:

Entanglement in eight-qubit graph states.

JOURNAL:

Physics Letters A vol. 373, no. 26, pp. 2219–2225 (2009); Physics Letters A vol. 374, no. 38, p. 3991 (2010).



PEER-REVIEWED PAPERS (cont.)

AUTHORS:

A. Cabello, J.-Å. Larsson and D. Rodríguez.

TITLE:

Minimum detection efficiency for a loophole-free violation of the Braunstein-Caves chained Bell inequalities.

JOURNAL:

Physical Review A vol. 79, no. 6, 062109 (2009).

AUTHORS:

A. Cabello, A. J. López Tarrida, P. Moreno and J. R. Portillo.

TITLE:

Compact set of invariants characterizing graph states of up to eight qubits.

JOURNAL:

Physical Review A vol. 80, no. 1, 012102 (2009).

AUTHORS:

G. Kirchmair, F. Zähringer, R. Gerritsma, M. Kleinmann, O. Gühne, A. Cabello, R. Blatt and C. F. Roos.

TITLE:

State-independent experimental test of quantum contextuality.

JOURNAL:

Nature vol. 460, no. 7254, pp. 494–497 (2009).

AUTHORS:

H. Bartosiak, J. Klepp, C. Schmitzer, S. Sponar, A. Cabello, H. Rauch and Y. Hasegawa.

TITLE:

Experimental test of quantum contextuality in neutron interferometry.

JOURNAL:

Physical Review Letters vol. 103, no. 4, 040403 (2009).

AUTHORS:

P. Badziąg, I. Bengtsson, A. Cabello and I. Pitowsky.

TITLE:

Universality of state-independent violation of correlation inequalities for noncontextual theories.

JOURNAL:

Physical Review Letters vol. 103, no. 5, 050401 (2009).

AUTHORS:

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TITLE:

Towards a loophole-free test of Bell's inequality with entangled pairs of neutral atoms.

JOURNAL:

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AUTHORS:

R. Ceccarelli, G. Vallone, F. De Martini, P. Mataloni and A. Cabello.

TITLE:

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JOURNAL:

Physical Review Letters vol. 103, no. 16, 160401 (2009).

**PEER-REVIEWED PAPERS (cont.)**

**AUTHORS:**

*E. Amselem, M. Rådmark, M. Bourennane and A. Cabello.*

**TITLE:**

*State-independent quantum contextuality with single photons.*

**JOURNAL:**

*Physical Review Letters vol. 103, no. 16, 160405 (2009).*

**AUTHORS:**

*D. Frustaglia and A. Cabello.*

**TITLE:**

*Electronic entanglement via quantum Hall interferometry in analogy to an optical method.*

**JOURNAL:**

*Physical Review B vol. 80, no. 20, 201312(R) (2009).*

**AUTHORS:**

*W.-B. Gao, P. Xu, X.-C. Yao, O. Gühne, A. Cabello, C.-Y. Lu, C.-Z. Peng, Z.-B. Chen and J.-W. Pan.*

**TITLE:**

*Experimental realization of a controlled-NOT gate with four-photon six-qubit cluster states.*

**JOURNAL:**

*Physical Review Letters vol. 104, no. 2, 020501 (2010).*

**AUTHORS:**

*O. Gühne, M. Kleinmann, A. Cabello, J.-Å. Larsson, G. Kirchmair, F. Zähringer, R. Gerritsma and C. F. Roos.*

**TITLE:**

*Compatibility and noncontextuality for sequential measurements.*

**JOURNAL:**

*Physical Review A vol. 81, no. 2, 022121 (2010).*

**AUTHORS:**

*G. Vallone, P. Mataloni and A. Cabello.*

**TITLE:**

*Multiparty multilevel energy-time entanglement.*

**JOURNAL:**

*Physical Review A vol. 81, no. 3, 032105 (2010).*

**AUTHORS:**

*G. Lima, G. Vallone, A. Chiuri, A. Cabello and P. Mataloni.*

**TITLE:**

*Experimental Bell inequality violation without the postselection loophole.*

**JOURNAL:**

*Physical Review A vol. 81, no. 4, 040101(R) (2010).*

**AUTHORS:**

*A. Cabello and P. Moreno.*

**TITLE:**

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**JOURNAL:**

*Physical Review A vol. 81, no. 4, 042110 (2010).*

PEER-REVIEWED PAPERS (cont.)

AUTHOR:

A. Cabello.

TITLE:

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JOURNAL:

*Physical Review Letters vol. 104, no. 4, 220401 (2010).*

AUTHORS:

A. R. Plastino and A. Cabello.

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JOURNAL:

*Physical Review A vol. 82, no. 2, 022114 (2010).*

AUTHOR:

A. Cabello.

TITLE:

*Proposed test of macroscopic quantum contextuality.*

JOURNAL:

*Physical Review A vol. 82, no. 3, 032110 (2010).*

AUTHORS:

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TITLE:

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JOURNAL:

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AUTHORS:

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TITLE:

*Quantum contextuality for rational vectors.*

JOURNAL:

*Physics Letters A vol. 375, no. 2, p. 99 (2010).*

AUTHORS:

P. Badziąg, I. Bengtsson, A. Cabello, H. Granström and J.-Å. Larsson.

TITLE:

*Pentagrams and paradoxes.*

JOURNAL:

*Foundations of Physics vol. 41, no. 3, pp. 414–423 (2011).*

AUTHORS:

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JOURNAL:

*Physical Review A vol. 83, no. 3, 032112 (2011).*

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AUTHORS:

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JOURNAL:

*Physical Review A* vol. 83, no. 4, 042314 (2011).

AUTHORS:

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*Testing Hardy nonlocality proof with genuine energy-time entanglement.*

JOURNAL:

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AUTHORS:

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TITLE:

*Proposal of a two-qutrit contextuality test free of the finite precision and compatibility loopholes.*

JOURNAL:

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AUTHORS:

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*Extreme non-locality with one photon.*

JOURNAL:

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AUTHOR:

A. Cabello.

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JOURNAL:

*Nature* vol. 474, no. 7352, pp. 456–458 (2011).

AUTHORS:

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*Hybrid ququart-encoded quantum cryptography protected by Kochen-Specker contextuality.*

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*Physical Review A* vol. 84, no. 3, 030302(R) (2011).

AUTHORS:

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*New Journal of Physics* vol. 13, no. 11, 113011 (2011).

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JOURNAL:

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AUTHORS:

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TITLE:

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JOURNAL:

*Physical Review Letters* vol. 108, no. 9, 090501 (2012).

AUTHORS:

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TITLE:

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JOURNAL:

*Physical Review A* vol. 85, no. 3, 032107 (2012).

AUTHORS:

A. Cabello, E. Amsellem, K. Blanchfield, M. Bourennane and I. Bengtsson.

TITLE:

*Proposed experiments of qutrit state-independent contextuality and two-qutrit contextuality-based nonlocality.*

JOURNAL:

*Physical Review A* vol. 85, no. 3, 032108 (2012).

AUTHORS:

L. Aolita, R. Gallego, A. Cabello and A. Acín.

TITLE:

*Fully nonlocal, monogamous and random genuinely multipartite quantum correlations.*

JOURNAL:

*Physical Review Letters* vol. 108, no. 10, 100401 (2012).

AUTHORS:

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JOURNAL:

*Physical Review Letters* vol. 108, no. 20, 200405 (2012).

PEER-REVIEWED PAPERS (cont.)

AUTHORS:

*J. Ahrens, P. Badziąg, A. Cabello and M. Bourennane.*

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AUTHORS:

*A. Cabello and F. Sciarrino.*

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*A. Cabello, L. E. Danielsen, A. J. López-Tarrida and J. R. Portillo.*

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JOURNAL:

*Journal of Physics A: Mathematical and Theoretical vol. 45, no. 28, 285101 (2012).*

AUTHORS:

*P. Kolenderski, U. Sinha, L. Youning, T. Zhao, M. Volpini, A. Cabello, R. Laflamme and T. Jennewein.*

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JOURNAL:

*Physical Review A vol. 86, no. 1, 012321 (2012).*

AUTHORS:

*M. Araújo, M. T. Quintino, D. Cavalcanti, M. França Santos, A. Cabello and M. Terra Cunha.*

TITLE:

*Tests of Bell inequality with arbitrarily low photodetection efficiency and homodyne measurements.*

JOURNAL:

*Physical Review A vol. 86, no. 3, 030101(R) (2012).*

AUTHORS:

*C. Budroni and A. Cabello.*

TITLE:

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JOURNAL:

*Journal of Physics A: Mathematical and Theoretical vol. 45, no. 38, 385304 (2012).*

AUTHOR:

*A. Cabello.*

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JOURNAL:

*Physics Letters A vol. 377, nos. 1–2, pp. 64–68 (2012).*

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**AUTHORS:**

*M. Kleinmann, C. Budroni, J.-Å. Larsson, O. Gühne and A. Cabello.*

**TITLE:**

*Optimal inequalities for state-independent contextuality.*

**JOURNAL:**

*Physical Review Letters vol. 109, no. 25, 250402 (2012).*

**AUTHOR:**

*A. Cabello.*

**TITLE:**

*Twin inequality for fully contextual quantum correlations.*

**JOURNAL:**

*Physical Review A vol. 87, no. 1, 010104(R) (2013).*

**AUTHORS:**

*G. Cañas, J. F. Barra, E. Gómez, G. Lima, F. Sciarrino and A. Cabello.*

**TITLE:**

*Detection efficiency for loophole-free Bell tests with entangled states affected by colored noise.*

**JOURNAL:**

*Physical Review A vol. 87, no. 1, 012113 (2013).*

**AUTHORS:**

*M. Sadiq, P. Badziąg, M. Bourennane and A. Cabello.*

**TITLE:**

*Bell inequalities for the simplest exclusivity graph.*

**JOURNAL:**

*Physical Review A vol. 87, no. 1, 012128 (2013).*

**AUTHOR:**

*A. Cabello.*

**TITLE:**

*Simple explanation of the quantum violation of a fundamental inequality.*

**JOURNAL:**

*Physical Review Letters vol. 110, no. 6, 060402 (2013).*

**AUTHORS:**

*J.-L. Chen, H.-Y. Su, C. Wu, D.-L. Deng, A. Cabello, L. C. Kwok and C. H. Oh.*

**TITLE:**

*Quantum contextuality for a relativistic spin-1/2 particle.*

**JOURNAL:**

*Physical Review A vol. 87, no. 2, 022109 (2013).*

**AUTHORS:**

*E. Amsellem, M. Bourennane, C. Budroni, A. Cabello, O. Gühne, M. Kleinmann, J.-Å. Larsson and M. Wieśniak.*

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**JOURNAL:**

*Physical Review Letters vol. 110, no. 7, 078901 (2013).*

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AUTHORS:

V. D'Ambrosio, I. Herbauts, E. Amselem, E. Nagali, M. Bourennane, F. Sciarrino and A. Cabello.

TITLE:

Experimental implementation of a Kochen-Specker set of quantum tests.

JOURNAL:

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AUTHORS:

A. Cabello and M. Terra Cunha.

TITLE:

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JOURNAL:

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AUTHORS:

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JOURNAL:

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AUTHORS:

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JOURNAL:

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AUTHORS:

E. Gómez, G. Cañas, J. F. Barra, A. Cabello and G. Lima.

TITLE:

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JOURNAL:

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AUTHORS:

M. Araújo, M. T. Quintino, C. Budroni, M. Terra Cunha and A. Cabello.

TITLE:

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JOURNAL:

Physical Review A vol. 88, no. 2, 022118 (2013).



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AUTHORS:

A. Cabello, L. E. Danielsen, A. J. López-Tarrida and J. R. Portillo.

TITLE:

Basic exclusivity graphs in quantum correlations.

JOURNAL:

Physical Review A vol. 88, no. 3, 032104 (2013).

AUTHORS:

A. Cabello, P. Badziąg, M. Terra Cunha and M. Bourennane.

TITLE:

Simple Hardy-like proof of quantum contextuality.

JOURNAL:

Physical Review Letters vol. 111, no. 18, 180404 (2013).

AUTHORS:

A. Cuevas, G. Carvacho, G. Saavedra, J. Cariñe, W. A. T. Nogueira, M. Figueroa, A. Cabello, P. Mataloni, G. Lima and G. B. Xavier.

TITLE:

Long-distance distribution of genuine energy-time entanglement.

JOURNAL:

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AUTHORS:

J.-L. Chen, A. Cabello, Z.-P. Xu, H.-Y. Su, C. Wu and L. C. Kwek.

TITLE:

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JOURNAL:

Physical Review A vol. 88, no. 6, 062116 (2013).

AUTHORS:

G. Vallone, G. Lima, E. S. Gómez, G. Cañas, J.-Å. Larsson, P. Mataloni and A. Cabello.

TITLE:

Bell scenarios in which nonlocality and entanglement are inversely related.

JOURNAL:

Phys. Rev. A vol. 89, no. 1, 012102 (2014).

AUTHORS:

Y. Liu, Y. Cao, M. Curty, S.-K. Liao, J. Wang, K. Cui, Y.-H. Li, Z.-H. Lin, Q.-C. Sun, D.-D. Li, H.-F. Zhang, Y. Zhao, C.-Z. Peng, Q. Zhang, A. Cabello and J.-W. Pan.

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JOURNAL:

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AUTHORS:

A. Cabello, S. Severini and A. Winter.

TITLE:

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JOURNAL:

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AUTHORS:

*B. Amaral, M. Terra Cunha and A. Cabello.*

TITLE:

*Exclusivity principle forbids sets of correlations larger than the quantum set.*

JOURNAL:

*Phys. Rev. A vol. 89, no. 3, 030101(R) (2014).*

AUTHORS:

*P. Kurzyński, A. Cabello and D. Kaszlikowski.*

TITLE:

*Fundamental monogamy relation between contextuality and nonlocality.*

JOURNAL:

*Phys. Rev. Lett. vol. 112, no. 10, 100401 (2014).*

AUTHORS:

*P. Lisonek, P. Badziąg, J. R. Portillo and A. Cabello.*

TITLE:

*Kochen-Specker set with seven contexts.*

JOURNAL:

*Phys. Rev. A vol. 89, no. 4, 042101 (2014).*

AUTHORS:

*V. D'Ambrosio, F. Bisesto, F. Sciarrino, J. F. Barra, G. Lima and A. Cabello.*

TITLE:

*Device-independent certification of high-dimensional quantum systems.*

JOURNAL:

*Phys. Rev. Lett. vol. 112, no. 14, 140503 (2014).*

AUTHORS:

*G. Borges, M. Carvalho, P.-L. de Assis, J. Ferraz, M. Araújo, A. Cabello, M. Terra Cunha and S. Pádua.*

TITLE:

*Quantum contextuality in a Young-type interference experiment.*

JOURNAL:

*Phys. Rev. A vol. 89, no. 5, 052106 (2014).*

AUTHORS:

*O. Gühne, C. Budroni, A. Cabello, M. Kleinmann and J.-Å. Larsson.*

TITLE:

*Bounding the quantum dimension with contextuality.*

JOURNAL:

*Phys. Rev. A vol. 89, no. 6, 062107 (2014).*

AUTHORS:

*G. Cañas, S. Etcheverry, E. Gómez, C. E. Saavedra, G. B. Xavier, G. Lima and A. Cabello.*

TITLE:

*Experimental implementation of an eight-dimensional Kochen-Specker set and observation of its connection with the Greenberger-Horne-Zeilinger theorem.*

JOURNAL:

*Phys. Rev. A. vol. 90, no. 1, 012119 (2014).*

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AUTHORS:

G. Cañas, M. Arias, S. Etcheverry, E. Gómez, A. Cabello, G. B. Xavier and G. Lima.

TITLE:

*Applying the simplest Kochen-Specker set for quantum information processing.*

JOURNAL:

*Phys. Rev. Lett. vol. 113, no. 9, 090404 (2014).*

AUTHORS:

R. Rabelo, C. Duarte, A. J. López-Tarrida, M. Terra Cunha and A. Cabello.

TITLE:

*Multigraph approach to quantum non-locality.*

JOURNAL:

*J. Phys. A: Math. Theor. vol. 47, no. 42, 424021 (2014).*

AUTHORS:

B. Marques, J. Ahrens, M. Nawareg, A. Cabello and M. Bourennane.

TITLE:

*Experimental observation of Hardy-like quantum contextuality.*

JOURNAL:

*Phys. Rev. Lett. vol. 113, no. 25, 250403 (2014).*

AUTHOR:

A. Cabello.

TITLE:

*Exclusivity principle and the quantum bound of the Bell inequality.*

JOURNAL:

*Phys. Rev. A vol. 90, no. 6, 062125 (2014).*

AUTHORS:

A. Tavakoli, A. Cabello, M. Żukowski and M. Bourennane.

TITLE:

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JOURNAL:

*Sci. Rep. vol. 5, 7982 (2015).*

AUTHOR:

A. Cabello.

TITLE:

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JOURNAL:

*Phys. Rev. Lett. vol. 114, no. 22, 220402 (2015).*

AUTHORS:

A. Cabello, M. Kleinmann and C. Budroni.

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*Necessary and sufficient condition for quantum state-independent contextuality.*

JOURNAL:

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PEER-REVIEWED PAPERS (cont.)

AUTHORS:

G. Carvacho, J. Cariñe, G. Saavedra, A. Cuevas, J. Fuenzalida, F. Toledo, M. Figueroa, A. Cabello, J.-Å. Larsson, P. Mataloni, G. Lima and G. B. Xavier.

TITLE:

Post-selection loophole-free Bell test over an installed optical fiber network.

JOURNAL:

Phys. Rev. Lett. vol. 115, no. 3, 030503 (2015).

AUTHORS:

M. Arias, G. Cañas, E. S. Gómez, J. F. Barra, G. B. Xavier, G. Lima, V. D'Ambrosio, F. Baccari, F. Sciarrino and A. Cabello.

TITLE:

Testing noncontextuality inequalities that are building blocks of quantum correlations.

JOURNAL:

Phys. Rev. A vol. 92, no. 3, 032126 (2015).

AUTHORS:

H. S. Poh, S. K. Joshi, A. Cerè, A. Cabello and C. Kurtsiefer.

TITLE:

Approaching Tsirelson's bound in a photon pair experiment.

JOURNAL:

Phys. Rev. Lett. vol. 115, no. 18, 180408 (2015) [Editor's Suggestion].

AUTHORS:

B. Amaral, M. Terra Cunha and A. Cabello.

TITLE:

Quantum theory allows for absolute maximal contextuality.

JOURNAL:

Phys. Rev. A vol. 92, no. 6, 062125 (2015) [Editor's Suggestion].

AUTHORS:

E. Meyer-Scott, D. McCloskey, K. Gołos, J. Z. Salvail, K. A. G. Fisher, D. Hamel, A. Cabello, K. J. Resch and T. Jennewein.

TITLE:

Certifying the presence of a photonic qubit by splitting it in two.

JOURNAL:

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AUTHOR:

A. Cabello.

TITLE:

Simple method for experimentally testing any form of quantum contextuality.

JOURNAL:

Phys. Rev. A vol. 93, no. 3, 032102 (2016).

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**AUTHORS:**

*D. Saha, A. Cabello, S. K. Choudhary and M. Pawłowski.*

**TITLE:**

*Quantum nonlocality via local contextuality with qubit-qubit entanglement.*

**JOURNAL:**

*Phys. Rev. A vol. 93, no. 4, 042123 (2016).*

**AUTHORS:**

*D. Frustaglia, J. P. Baltanás, M. C. Velázquez-Ahumada, A. Fernández-Prieto, A. Lujambio, V. Losada, M. J. Freire and A. Cabello.*

**TITLE:**

*Classical physics and the bounds of quantum correlations.*

**JOURNAL:**

*Phys. Rev. Lett. vol. 116, no. 25, 250404 (2016).*

**AUTHORS:**

*G. Cañas, E. Acuña, J. Cariñe, J. F. Barra, E. S. Gómez, G. B. Xavier, G. Lima and A. Cabello.*

**TITLE:**

*Experimental demonstration of the connection between quantum contextuality and graph theory.*

**JOURNAL:**

*Phys. Rev. A vol. 94, no. 1, 012337 (2016).*

**AUTHORS:**

*A. Cabello, M. Kleinmann and J. R. Portillo.*

**TITLE:**

*Quantum state-independent contextuality requires 13 rays.*

**JOURNAL:**

*J. Phys. A: Math. Theor. vol. 49, no. 38, 38LT01 (2016).*

**AUTHORS:**

*M. Kleinmann and A. Cabello.*

**TITLE:**

*Quantum correlations are stronger than all nonsignaling correlations produced by  $n$ -outcome measurements.*

**JOURNAL:**

*Phys. Rev. Lett. vol. 117, no. 15, 150401 (2016).*

**AUTHORS:**

*B.-H. Liu, X.-M. Hu, J.-S. Chen, Y.-F. Huang, Y.-J. Han, C.-F. Li, G.-C. Guo and A. Cabello.*

**TITLE:**

*Nonlocality from local contextuality.*

**JOURNAL:**

*Phys. Rev. Lett. vol. 116, no. 22, 220402 (2016).*

PEER-REVIEWED PAPERS (cont.)

AUTHORS:

*A. Cabello, M. Gu, O. Gühne, J.-Å. Larsson and K. Wiesner.*

TITLE:

*Thermodynamical cost of some interpretations of quantum theory.*

JOURNAL:

*Phys. Rev. A vol. 94, no. 5, 052127 (2016).*

AUTHORS:

*E. S. Gómez, S. Gómez, P. González, G. Cañas, J. F. Barra, A. Delgado, G. B. Xavier, A. Cabello, M. Kleinmann, T. Vértesi and G. Lima.*

TITLE:

*Device-independent certification of a nonprojective qubit measurement.*

JOURNAL:

*Phys. Rev. Lett. vol. 117, no. 26, 260401 (2016).*

AUTHORS:

*S. López-Rosa, Z.-P. Xu and A. Cabello.*

TITLE:

*Maximum nonlocality in the (3,2,2) scenario.*

JOURNAL:

*Phys. Rev. A vol. 94, no. 6, 062121 (2016).*

AUTHORS:

*Z.-P. Xu and A. Cabello.*

TITLE:

*Quantum correlations with a gap between the sequential and spatial cases.*

JOURNAL:

*Phys. Rev. A vol. 96, no. 1, 012127 (2017).*

AUTHORS:

*M. Kleinmann, T. Vértesi and A. Cabello.*

TITLE:

*Proposed experiment to test fundamentally binary theories.*

JOURNAL:

*Phys. Rev. A vol. 96, no. 3, 032104 (2017).*

AUTHORS:

*O. Andersson, P. Badziąg, I. Bengtsson, I. Dumitru and A. Cabello.*

TITLE:

*Self-testing properties of Gisin's elegant Bell inequality.*

JOURNAL:

*Phys. Rev. A vol. 96, no. 3, 032119 (2017).*

AUTHORS:

*A. Crespi, M. Bentivegna, I. Pitsios, D. Rusca, D. Poderini, G. Carvacho, V. D'Ambrosio, A. Cabello, F. Sciarrino and R. Osellame.*

TITLE:

*Single-photon quantum contextuality on a chip.*

JOURNAL:

*ACS Photonics vol. 4, no. 11, pp. 2807–2812 (2017).*

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AUTHORS:

Y. Xiao, Z.-P. Xu, Q. Li, J.-S. Xu, K. Sun, J.-M. Cui, Z.-Q. Zhou, H.-Y. Su, A. Cabello, J.-S. Xu, J.-L. Chen, C.-F. Li and G.-C. Guo.

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A. Cabello, M. Gu, O. Gühne and Z.-P. Xu.

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AUTHORS:

A. Tavakoli and A. Cabello.

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AUTHORS:

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AUTHORS:

X.-M. Hu, B.-H. Liu, Y. Guo, G.-Y. Xiang, Y.-F. Huang, C.-F. Li, G.-C. Guo, M. Kleinmann, T. Vértesi and A. Cabello.

TITLE:

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JOURNAL:

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AUTHORS:

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AUTHORS:

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**PEER-REVIEWED PAPERS (cont.)**

*AUTHORS:*

*M. Malinowski, C. Zhang, F. Leupold, A. Cabello, J. Alonso and J. Home.*

*TITLE:*

*Probing the limits of correlations in an indivisible quantum system.*

*JOURNAL:*

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*AUTHORS:*

*Z.-P. Xu and A. Cabello.*

*TITLE:*

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*JOURNAL:*

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Extended list of publications: <http://personal.us.es/adan/publications.htm> (includes links to the publications).*

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