

**Elenco pubblicazioni
del Dott. Rocco Caliandro**

➤ **Articoli pubblicati a stampa censiti da WEB OF KNOWLEDGE**

- 1) Title: Kinematic diffraction on a structure with periodically varying scattering function
Author(s): Chernyshov Dmitry, van Beek Wouter, Emerich Herman et al.
Source: ACTA CRYSTALLOGRAPHICA SECTION A Volume: 67 Pages: 327-335
Published: MAY 2011
- 2) Title: Purification, biochemical characterization and cloning of a new cationic peroxidase isoenzyme from artichoke
Author(s): Cardinali Angela; Tursi Nunzia; Ligorio Angela; et al.
Source: PLANT PHYSIOLOGY AND BIOCHEMISTRY Volume: 49 Issue: 4 Pages: 395-403 Published: APR 2011
- 3) Title: Crystallographic Analysis of Metal-Ion Binding to Human Ubiquitin
Author(s): Arnesano Fabio; Belviso Benny Danilo; Caliandro Rocco; et al.
Source: CHEMISTRY-A EUROPEAN JOURNAL Volume: 17 Issue: 5 Pages: 1569-1578 Published: 2011
- 4) Title: New computational tools for H/D determination in macromolecular structures from neutron data
Author(s): Siliqi Dritan; Caliandro Rocco; Carrozzini Benedetta; et al.
Source: ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY Volume: 66 Pages: 1164-1171 Part: Part 11 Published: NOV 2010
- 5) Title: The difference electron density: a probabilistic reformulation
Author(s): Burla Maria Cristina; Caliandro Rocco; Giacovazzo Carmelo; et al.
Source: ACTA CRYSTALLOGRAPHICA SECTION A Volume: 66 Pages: 347-361 Part: Part 3 Published: MAY 2010
- 6) Title: Strangeness enhancements at central rapidity in 40 A GeV/c Pb-Pb collisions
Author(s): Antinori F.; Bacon P. A.; Badala A.; et al.
Group Author(s): NA57 Collaboration
Source: JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS Volume: 37 Issue: 4 Article Number: 045105 Published: APR 2010
- 7) Title: Fine Dosage of Antisolvent in the Crystallization of L-Histidine: Effect on Polymorphism
Author(s): Di Profio Gianluca; Caridi Antonella; Caliandro Rocco; et al.
Source: CRYSTAL GROWTH & DESIGN Volume: 10 Issue: 1 Pages: 449- Published: JAN 2010
- 8) Title: Molecular replacement: the probabilistic approach of the program REMO09 and its applications
Author(s): Caliandro Rocco; Carrozzini Benedetta; Cascarano Giovanni Luca; et al.

Source: ACTA CRYSTALLOGRAPHICA SECTION A Volume: 65 Pages: 512-527
Published: NOV 2009

- 9) Title: EDM-DEDM and protein crystal structure solution
Author(s): Caliandro R, Carrozzini B, Cascarano GL, Giacovazzo C, Mazzone AM, Siliqi D
Source: ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY Volume: 65 Pages: 477-484 Part: Part 5 Published: MAY 2009
- 10) Title: Crystal structure solution of small-to-medium-sized molecules at non-atomic resolution
Author(s): Caliandro R, Carrozzini B, Cascarano GL, Giacovazzo C, Mazzone A, Siliqi D
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 42 Pages: 302-307 Part: Part 2 Published: APR 2009
- 11) Title: Advances in the EDM-DEDM procedure
Author(s): Caliandro R, Carrozzini B, Cascarano GL, Giacovazzo C, Mazzone AM, Siliqi D
Source: ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY Volume: 65 Pages: 249-256 Part: Part 3 Published: MAR 2009
- 12) Title: The ($F_o - F_c$) Fourier synthesis: a probabilistic study
Author(s): Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacovazzo C, Siliqi D
Source: ACTA CRYSTALLOGRAPHICA SECTION A Volume: 64 Pages: 519-528 Part: Part 5 Published: SEP 2008
- 13) Title: Ab initio phasing of proteins with heavy atoms at non-atomic resolution: pushing the size limit of solvable structures up to 7890 non-H atoms in the asymmetric unit
Author(s): Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacovazzo C, Mazzone A, Siliqi D
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 41 Pages: 548-553 Part: Part 3 Published: JUN 2008
- 14) Title: Direct methods and simulated annealing: a hybrid approach for powder diffraction data
Author(s): Altomare A, Caliandro R, Cuocci C, Giacovazzo C, Moliterni AGG, Rizzi R, Platteau C
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 41 Pages: 56-61 Part: Part 1 Published: FEB 2008
- 15) Title: The revenge of the Patterson methods. III. Ab initio phasing from powder diffraction data
Author(s): Burla MC, Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacovazzo C, Polidori G, Siliqi D
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 40 Pages: 834-840 Part: Part 5 Published: OCT 2007
- 16) Title: Advances in ab initio protein phasing by Patterson deconvolution techniques
Author(s): Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacovazzo C, Siliqi D
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 40 Pages: 883-890 Part: Part 5 Published: OCT 2007

- 17) Title: Advances in the free lunch method
Author(s): Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacobuzzo C, Siliqi D
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 40 Pages: 931-937
Part: Part 5 Published: OCT 2007
- 18) Title: IL MILIONE: a suite of computer programs for crystal structure solution of proteins
Author(s): Burla MC, Caliandro R, Camalli M, Carrozzini B, Cascarano GL, De Caro L, Giacobuzzo C, Polidori G, Siliqi D, Spagna R
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 40 Pages: 609-613
Part: Part 3 Published: JUN 2007
- 19) Title: The revenge of the Patterson methods. II. Substructure applications
Author(s): Burla MC, Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacobuzzo C, Polidori G, Siliqi D
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 40 Pages: 211-217
Part: Part 2 Published: APR 2007
- 20) Title: Expansion dynamics of Pb-Pb collisions at 40 A GeV/c viewed by negatively charged hadrons
Author(s): Antinori F, Bacon P, Badala A, et al. (n.80) (CERN NA57 Collaboration)
Source: JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS Volume: 34
Issue: 3 Pages: 403-429 Published: MAR 2007
- 21) Title: Transverse dynamics of Pb-Pb collisions at 40 A GeV/c viewed by strange hadrons
Author(s): Antinori F, Bacon P, Badala A, et al. (n.81) (CERN NA57 Collaboration)
Source: JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS Volume: 32
Issue: 11 Pages: 2065-2080 Published: NOV 2006
- 22) Title: Use of Patterson-based methods automatically to determine the structures of heavy-atom-containing proteins with up to 6000 non-hydrogen atoms in the asymmetric unit
Author(s): Burla MC, Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacobuzzo C, Polidori G, Siliqi D
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 39 Pages: 728-734
Part: Part 5 Published: OCT 2006
- 23) Title: The revenge of the Patterson methods. I. Protein ab initio phasing
Author(s): Burla MC, Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacobuzzo C, Polidori G, Siliqi D
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 39 Pages: 527-535
Part: Part 4 Published: AUG 2006
- 24) Title: Enhancement of hyperon production at central rapidity in 158 A GeV/c Pb-Pb collisions
Author(s): Antinori F, Bacon P, Badala A, et al. (n.84) (CERN NA57 Collaboration)
Source: JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS Volume: 32
Issue: 4 Pages: 427-441 Published: APR 2006
- 25) Title: Molecular replacement: the approach of the program REMO
Author(s): Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacobuzzo C, Mazzone AM, Siliqi D

Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 39 Pages: 185-193
Part: Part 2 Published: APR 2006

- 26) Title: Rapidity distributions around mid-rapidity of strange particles in Pb-Pb collisions at 158 A GeV/c
Author(s): Antinori F, Bacon P, Badala A, et al. (n.79) (CERN NA57 Collaboration)
Source: JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS Volume: 31
Issue: 11 Pages: 1345-1357 Published: NOV 2005
- 27) Title: Central-to-peripheral nuclear modification factors in Pb-Pb collisions at $\sqrt{s}=17.3$ GeV
Author(s): Antinori F, Bacon PA, Badala A, et al. (n.79) (CERN NA57 Collaboration)
Source: PHYSICS LETTERS B Volume: 623 Issue: 1-2 Pages: 17-25 Published: SEP 8 2005
- 28) Title: Ab initio phasing at resolution higher than experimental resolution
Author(s): Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giovacazzo C, Siliqi D
Source: ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY Volume: 61 Pages: 1080-1087 Part: Part 8 Published: AUG 2005
- 29) Title: Multiplicity of charged particles in Pb-Pb collisions at SPS energies
Author(s): Antinori F, Bacon P, Badala A, et al. (n.94) (CERN NA57 Collaboration)
Source: JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS Volume: 31
Issue: 5 Pages: 321-335 Published: MAY 2005
- 30) Title: Phasing at resolution higher than the experimental resolution
Author(s): Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giovacazzo C, Siliqi D
Source: ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY Volume: 61 Pages: 556-565 Part: Part 5 Published: MAY 2005
- 31) Title: The partial structure with errors: a probabilistic treatment
Author(s): Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giovacazzo C, Moustiakimov M, Siliqi D
Source: ACTA CRYSTALLOGRAPHICA SECTION A Volume: 61 Pages: 343-349
Part: Part 3 Published: MAY 2005
- 32) Title: SIR2004: an improved tool for crystal structure determination and refinement
Author(s): Burla MC, Caliandro R, Camalli M, Carrozzini B, Cascarano GL, De Caro L, Giovacazzo C, Polidori G, Spagna R
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 38 Pages: 381-388
Part: Part 2 Published: APR 2005
- 33) Title: Towards EXPO2005
Author(s): Altomare A, Caliandro R, Camalli M, Cuocci C, Giovacazzo C, Moliterni AGG, Rizzi R, Spagna R, Gonzalez-Platas J
Source: ZEITSCHRIFT FUR KRISTALLOGRAPHIE Volume: 219 Issue: 12 Pages: 833-837 Published: 2004
- 34) Title: Space-group determination from powder diffraction data: a probabilistic approach

- Author(s): Altomare A, Caliandro R, Camalli M, Cuocci C, da Silva I, Giacobuzzo C, Moliterni AGG, Spagna R
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 37 Pages: 957-966
Part: Part 6 Published: DEC 2004
- 35) Title: Automatic structure determination from powder data with EXPO2004
Author(s): Altomare A, Caliandro R, Camalli M, Cuocci C, Giacobuzzo C, Moliterni AGG, Rizzi R
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 37 Pages: 1025-1028 Part: Part 6 Published: DEC 2004
- 36) Title: About the efficiency of the early FOMs in ab initio protein phasing
Author(s): Burla MC, Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacobuzzo C, Polidori G
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 37 Pages: 791-801 Part: Part 5 Published: OCT 2004
- 37) Title: Energy dependence of hyperon production in nucleus-nucleus collisions at SPS
Author(s): Antinori F, Bacon PA, Badala A, et al. (n.93) (CERN WA97 Collaboration)
Source: PHYSICS LETTERS B Volume: 595 Pages: 68-74 Published: AUG 12 2004
- 38) Title: Study of the transverse mass spectra of strange particles in Pb-Pb collisions at 158 A GeV/c
Author(s): Antinori F, Bacon P, Badala A, (n.95) (CERN WA97 Collaboration)
Source: JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS Volume: 30 Issue: 6 Pages: 823-840 Published: JUN 2004
- 39) Title: The use of error-correcting codes for the decomposition of a powder diffraction pattern
Author(s): Altomare A, Caliandro R, Cuocci C, da Silva I, Giacobuzzo C, Moliterni AGG, Rizzi R
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 37 Pages: 204-209 Part: Part 2 Published: APR 2004
- 40) Title: Ab initio protein phasing: the Patterson deconvolution method in SIR2002
Author(s): Burla MC, Caliandro R, Carrozzini B, Cascarano GL, De Caro L, Giacobuzzo C, Polidori G
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 37 Pages: 258-264 Part: Part 2 Published: APR 2004
- 41) Title: Ab initio protein phasing at 1.4 angstrom resolution: the new phasing approach of SIR2003-N
Author(s): Burla MC, Carrozzini B, Caliandro R, Cascarano GL, De Caro L, Giacobuzzo C, Polidori G
Source: ACTA CRYSTALLOGRAPHICA SECTION A Volume: 59 Pages: 560-568 Part: Part 6 Published: NOV 2003
- 42) Title: A systematic procedure for the decomposition of a powder diffraction pattern
Author(s): Altomare A, Caliandro R, Cuocci C, Moliterni AGG, Rizzi R
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 36 Issue: 3 Pages: 906-913 Part: Part 2 Published: JUN 2003

- 43) Title: First results from the ALICE silicon pixel detector prototype
Author(s): Riedler P, Anelli G, Antinori F, et al. (n.28)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT Volume: 501 Issue: 1 Pages: 111-118 Published: MAR 21 2003
- 44) Title: Solution of organic crystal structures from powder diffraction by combining simulated annealing and direct methods
Author(s): Altomare A, Caliandro R, Giacobozzo C, Moliterni AGG, Rizzi R
Source: JOURNAL OF APPLIED CRYSTALLOGRAPHY Volume: 36 Pages: 230-238 Part: Part 2 Published: APR 2003
- 45) Title: Simulation of the response of a silicon pixel detector
Author(s): Caliandro R, Dinapoli R, Fini RA, Virgili T
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT Volume: 482 Issue: 3 Pages: 619-628 Published: APR 21 2002
- 46) Title: Centrality dependence of the expansion dynamics in Pb-Pb collisions at 158 A GeV c(-1)
Author(s): Antinori F, Beusch W, Bloodworth IJ, et al. (n.49) (CERN WA97 Collaboration)
Source: JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS Volume: 27 Issue: 11 Pages: 2325-2344 Published: NOV 2001
- 47) Title: Multistrange baryon production in heavy ion reactions at the SPS
Author(s): Antinori F, Beusch W, Bloodworth IJ, et al. (n.52) (CERN WA97 experiment)
Source: NUCLEAR PHYSICS A Volume: 685 Pages: 407C-413C Published: MAR 26 2001
- 48) Title: Strange particle production in p-Be, p-Pb, Pb-Pb at 158 A GeV/c (WA97 experiment)
Author(s): Fini RA, Antinori F, Bakke H, et al. (n.51) (CERN WA97 Collaboration)
Source: NUCLEAR PHYSICS A Volume: 681 Pages: 141C-148C Published: JAN 29 2001
- 49) Title: Study of the production of strange and multi-strange particles in lead-lead interactions at the CERN SPS: the NA57 experiment
Author(s): Virgili T, Antinori F, Badala A, et al. (n.90) (CERN NA57 Collaboration)
Source: NUCLEAR PHYSICS A Volume: 681 Pages: 165C-173C Published: JAN 29 2001
- 50) Title: A fast transition radiation detector for high-energy particles selection and triggering
Author(s): Caliandro R, De Cataldo G, Favuzzi C, Fusco P, Giglietto N, Ghidini B, Mazziotta MN, Spinelli P
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT Volume: 455 Issue: 2 Pages: 305-318 Published: DEC 1 2000
- 51) Title: Determination of the number of wounded nucleons in Pb plus Pb collisions at 158 A GeV/c

Author(s): Antinori F, Badala A, Bakke H, et al. (n.97) (CERN WA97 and NA57 Collaborations)
Source: EUROPEAN PHYSICAL JOURNAL C Volume: 18 Issue: 1 Pages: 57-63
Published: DEC 2000

- 52) Title: Probing the specific entropy produced in ultra-relativistic heavy-ion collisions with a silicon pixel multiplicity detector: a simulation study
Author(s): Antinori F, Badala A, Barbera R, et al. (n.91) (CERN NA57 Collaboration)
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT Volume: 452 Issue: 1-2 Pages: 323-337 Published: SEP 21 2000
- 53) Title: Transverse mass spectra of strange and multi-strange particles in Pb-Pb collisions at 158 A GeV/c
Author(s): Antinori F, Bakke H, Beusch W, et al. (n.52) (CERN WA97 Collaboration)
Source: EUROPEAN PHYSICAL JOURNAL C Volume: 14 Issue: 4 Pages: 633-641
Published: JUN 2000
- 54) Title: Strangeness enhancement at midrapidity in Pb-Pb collisions at 158 A GeV/c: A comparison with VENUS and RQMD models
Author(s): Antinori F, Bakke H, Beusch W, et al. (n.51) (CERN WA97 Collaboration)
Source: EUROPEAN PHYSICAL JOURNAL C Volume: 11 Issue: 1 Pages: 79-88
Published: NOV 1999
- 55) Title: Strangeness enhancement at mid-rapidity in Pb-Pb collisions at 158 A GeV/c
Author(s): Andersen E, Antinori F, Armenise N, et al. (n.98) (CERN WA97 Collaboration)
Source: PHYSICS LETTERS B Volume: 449 Issue: 3-4 Pages: 401-406 Published: MAR 11 1999
- 56) Title: Enhancement of strange and multi-strange baryons and anti-baryons in SW interactions at 200 GeV/c
Author(s): Antinori F, Barnes RP, Bayes AC, et al. (n.33) (CERN WA85 Collaboration)
Source: PHYSICS LETTERS B Volume: 447 Issue: 1-2 Pages: 178-182 Published: FEB 4 1999
- 57) Title: Enhancement of central Λ , Ξ and Ω yields in Pb-Pb collisions at 158 A GeV/c
Author(s): Andersen E, Antinori F, Armenise N, et al. (n.103) (CERN WA97 Collaboration)
Source: PHYSICS LETTERS B Volume: 433 Issue: 1-2 Pages: 209-216 Published: AUG 6 1998
- 58) Title: Pion and proton production in proton-tungsten and sulphur-tungsten interactions at 200 GeV/c per nucleon
Author(s): Antinori F, Barnes RP, Bayes AC, et al. (n.33) (CERN WA85 Collaboration)
Source: PHYSICS LETTERS B Volume: 412 Issue: 3-4 Pages: 407-413 Published: OCT 30 1997
- 59) Title: On integrating direct methods and isomorphous replacement techniques. The formula P_{10}
Author(s): Giacovazzo C, Siliqi D, Cascarano G, Caliendo R, Melidoro A
Source: ACTA CRYSTALLOGRAPHICA SECTION A Volume: 53 Pages: 253-263
Part: Part 3 Published: MAY 1 1997

60) Title: Hyperon production in proton-tungsten interactions at 200 GeV/c
Author(s): Abatzis S, Andrighetto A, Antinori F, et al. (n.44) (CERN WA85 Collaboration)
Source: PHYSICS LETTERS B Volume: 393 Issue: 1-2 Pages: 210-216 Published:
FEB 6 1997

➤ **Atti di Conferenze**

Contributi a conferenze pubblicati su giornali scientifici censiti da WEB OF KNOWLEDGE

- 1) Title: EXPO2006: A tool for powder Crystallography
Author(s): Altomare Angela; Caliendo Rocco; Camalli Mercedes; et al.
Editor(s): Stroz D; Karolus M
Conference: 20th Conference on Applied Crystallography Location: Wisla, POLAND Date:
SEP 11-14, 2006
Source: Applied Crystallography XX Book Series: SOLID STATE PHENOMENA
Volume: 130 Pages: 21-26 Published: 2007
- 2) Title: NA57 results
Author(s): Antinori F.; Bacon P.; Badala A.; et al.
Editor(s): Simak V; Sumbera M; Todorova S; et al.
Conference: 35th International Symposium on Multiparticle Dynamics/Workshop on
Particle Correlations and Femtoscopy Location: Kromeriz, CZECH REPUBLIC Date: AUG
09-17, 2005
Source: Multiparticle Dynamics Book Series: AIP CONFERENCE PROCEEDINGS
Volume: 828 Pages: 333-338 Published: 2006
- 3) Title: Λ and Ω^- polarization in Pb plus Pb collisions at 160 A GeV/c
Author(s): Antinori F; Bacon PA; Badala A; et al.
Editor(s): Brambilla N; Devoto A; Prospero GM; et al.
Conference: 6th Conference on Quark Confinement and the Hadron Spectrum Location:
Villasimius, ITALY Date: SEP 21-25, 2004
Source: Quark Confinement and the Hadron Spectrum VI Book Series: AIP
CONFERENCE PROCEEDINGS Volume: 756 Pages: 428-432 Published: 2005
- 4) Title: Multiplicity of charged particles in Pb-Pb collisions at SPS energies
Author(s): Jacholkowski A; Antinori F; Bacon P; et al.
Editor(s): Fini RA; Ghidini B; Lenti V; et al.
Group Author(s): NA57 Collaboration
Conference: International Workshop on Particle Multiplicity in Relativistic Heavy Ion
Collisions Location: Bari, ITALY Date: JUN 17-19, 2004
Source: Focus on Multiplicity: International Workshop on Particle Multiplicity in
Relativistic Heavy Ion Collisions Book Series: JOURNAL OF PHYSICS CONFERENCE
SERIES Volume: 5 Pages: 64-73 DOI: 10.1088/1742-6596/5/1/006 Published: 2005
- 5) Title: Hyperon production in lead-lead interactions at 40 and 160 A GeV/c
Author(s): Helstrup H.; Antinori F.; Bacon P. A.; et al.
Group Author(s): NA57 Collaboration
Source: EUROPEAN PHYSICAL JOURNAL C Volume: 33 Supplement: 1 Pages:
S618-S620 DOI: 10.1140/epjcd/s2004-03-1705-3 Published: JUL 2004

- 6) Title: Hyperon yields in Pb-Pb collisions from the NA57 experiment
Author(s): Antinori F; Badala A; Barbera R; et al.
Editor(s): Bentvelsen S; DeJong P; Koch J; et al.
Conference: 31st International Conference on High Energy Physics Location: AMSTERDAM, NETHERLANDS Date: JUL 25-31, 2002
Sponsor(s): Int Union Pure & Appl Phys
Source: ICHEP 2002, PROCEEDINGS Pages: 74-76 DOI: 10.1016/S0920-5632(02)02060-1 Published: 2003
- 7) Title: First results on strange baryon production from the na57 experiment
Author(s): Carrer N; Antinori F; Badala A; et al.
Group Author(s): NA57 Collaboration
Conference: 15th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions (QM 2001) Location: LONG ISLAND CITY, NEW YORK Date: JAN 15-20, 2001
Source: NUCLEAR PHYSICS A Volume: 698 Pages: 118C-126C Published: FEB 11 2002
- 8) Title: Simulation of the response of the NA57 silicon pixel detector
Author(s): Caliandro R; Dinapoli R; Fini RA; et al.
Conference: International Workshop on Semiconductor Pixel Detectors for Particles and X-rays Location: GENOA, ITALY Date: JUN 05-08, 2000
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT Volume: 465 Issue: 1 Pages: 135-139 DOI: 10.1016/S0168-9002(01)00371-0 Published: JUN 1 2001
Comunicazione orale presentata personalmente.
- 9) Title: A fast transition radiation detector for first-level triggering
Author(s): Caliandro R; De Cataldo G; Favuzzi C; et al.
Conference: 8th Pisa Meeting on Advanced Detectors Location: LA BIODOLA, ITALY Date: MAY 21-27, 2000
Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT Volume: 461 Issue: 1-3 Pages: 556-559 DOI: 10.1016/S0168-9002(00)01297-3 Published: APR 1 2001
- 10) Title: Irradiation and SPS beam tests of the Alice1LHCb pixel chip
Author(s): van Hunen JJ; Anelli G; Burns M; et al.
Editor(s): Isabella C
Group Author(s): ALICE collaboration
Conference: 7th Workshop on Electronics for LHC Experiments Location: STOCKHOLM, SWEDEN Date: SEP 10-14, 2001
Source: PROCEEDINGS OF THE SEVENTH WORKSHOP ON ELECTRONICS FOR LHC EXPERIMENTS Book Series: CERN REPORTS Volume: 2001 Issue: 5 Pages: 85-89 Published: 2001
- 11) Title: Multi-strange particle enhancements in Pb-Pb interactions at 158 GeV/c per nucleon
Author(s): Antinori F; Bakke H; Beusch W; et al.
Editor(s): Lim CS; Yamanaka T
Conference: 30th International Conference on High Energy Physics Location: OSAKA, JAPAN Date: JUL 27-AUG 02, 2000

Sponsor(s): Sci Council Japan; Phys Soc Japan; High Energy Accelerator Res Org; Osaka Univ
Source: HIGH ENERGY PHYSICS, VOLS I AND II Pages: 578-582 Published: 2001

- 12) Title: Enhancement of strange and multi-strange baryons in central Pb-Pb interactions at 158 GeV/c per nucleon
Author(s): Evans D; Antinori F; Bakke H; et al.
Group Author(s): WA97 Collaboration
Conference: 15th International Conference on Particles and Nuclei Location: UPPSALA, SWEDEN Date: JUN 10-16, 1999
Source: NUCLEAR PHYSICS A Volume: 663 Pages: 717C-720C Published: JAN 31 2000
- 13) Title: Strange and multi-strange baryon production at SPS as a probe of QGP formation
Author(s): Antinori F; Bakke H; Beusch W; et al.
Editor(s): Parsa Z; Marciano WJ
Group Author(s): WA97 Collaboration
Conference: 7th Conference on Intersections of Particle and Nuclear Physics (CIPANP 2000) Location: QUEBEC CITY, CANADA Date: MAY 22-28, 2000
Source: INTERSECTIONS OF PARTICLE AND NUCLEAR PHYSICS Book Series: AIP CONFERENCE PROCEEDINGS Volume: 549 Pages: 363-368 Published: 2000
Comunicazione orale presentata personalmente.
- 14) Title: Production of strange and multistrange hadrons in nucleus-nucleus collisions at the SPS
Author(s): Antinori F; Bakke H; Beusch W; et al.
Group Author(s): WA97 collaboration
Conference: 14th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions Location: TURIN, ITALY Date: MAY 10-15, 1999
Source: NUCLEAR PHYSICS A Volume: 661 Pages: 130C-139C DOI: 10.1016/S0375-9474(99)00447-9 Published: DEC 27 1999
- 15) Title: Determination of the number of wounded nucleons in Pb + Pb collisions at 158 A GeV/c
Author(s): Antinori F; Badala A; Bakke H; et al.
Group Author(s): WA97 Collaboration; NA57 Collaboration
Conference: 14th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions Location: TURIN, ITALY Date: MAY 10-15, 1999
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R. Caliendo, R.Dinapoli, R.A.Fini and T. Virgili
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Esperimenti proposti ed eseguiti

- 1) Characterization of chromate reduction by whole cells of *R. Sphaeroides*
M. Trotta, B.D. Belviso, R. Caliendo, F. Italiano
Karlsruhe Institute of Technology, ANKA synchrotron
Proposal ID: ENV-177, eseguito dal 1 al 5 marzo 2011
- 2) Structural study of metal binding to human Ubiquitin
R. Caliendo, B.D. Belviso, D. Siliqi
Trieste, Sincrotrone ELETTRA.
Proposal N. 20105203, eseguito il 19 marzo 2011
- 3) Study of strange and multistrange particles in ultrarelativistic nucleus-nucleus collisions.
R. Caliendo *et al.* (n.98) (CERN NA57 Collaboration)
CERN/SPSLC/96-40, P300, 20 August 1996

➤ Pacchetti Software Open Source

- 1) IL MILIONE
Pacchetto software per la determinazione della struttura cristallina di bio-macromolecole. Il software è distribuito alla comunità scientifica internazionale richiedendo la firma di un Licence Agreement, a partire dal 2006.

Autori: Burla MC, Caliandro R, Camalli M, Carrozzini B, Cascarano GL, De Caro L, Giacobazzo C, Polidori G, Siliqi, D, Spagna R

2) SIR2004

Pacchetto software per la determinazione della struttura cristallina di molecole mediante dati di diffrazione da cristallo singolo. Il software è distribuito alla comunità scientifica internazionale richiedendo la firma di un Licence Agreement a partire dal 2004.

Autori: Burla MC, Caliandro R, Camalli M, Carrozzini B, Cascarano GL, De Caro L, Giacobazzo C, Polidori G, Spagna R

3) EXPO2004

Pacchetto software per la determinazione della struttura cristallina di molecole mediante dati di diffrazione da polveri. Il software è distribuito alla comunità scientifica internazionale richiedendo la firma di un Licence Agreement a partire dal 2004.

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