

# Papers by Ricardo Gonalo

## 1 Direct contribution to:

1. **“Search for the Standard Model Higgs at the LHC”**  
R. Goncalo on behalf of the ATLAS and CMS Collaborations]  
Proceedings of the International Conference of High Energy Physics, ICHEP08, Philadelphia, 2008, in preparation.
2. **“The ATLAS trigger: High-level trigger commissioning and operation during early data taking”**  
R. Goncalo [ATLAS TDAQ Collaboration]  
J. Phys. Conf. Ser. **110**, 092013 (2008)
3. **“The ATLAS trigger: High-level trigger commissioning and operation during early data taking”**  
Eifert, T; Berger, N; Bold, T; George, S; Goncalo, R; Haller, J; Stelzer, J; Wielers, M  
Proceedings of the 2007 IEEE Nuclear Science Symposium and Medical Imaging Conference, 2007 - ATL-DAQ-CONF-2008-001; ATL-COM-DAQ-2008-001.- Geneva : CERN, 2007
4. **“Overview of the high-level trigger electron and photon selection for the ATLAS experiment at the LHC”**  
R. Gonalo *et al.*  
Proceedings of the IEEE Nuclear Science and Medical Imaging Symposium, NSS/MIC 2005 , Puerto Rico , 2005 - pages 167-72, ATL-DAQ-CONF-2005-036; ATL-COM-DAQ-2005-042.
5. **“High- $Q^2$  neutral current cross sections in  $e^+ p$  deep inelastic scattering at  $s^{1/2} = 318\text{-GeV}$ ”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Rev. D **70**, 052001 (2004) [arXiv:hep-ex/0401003]
6. **“Measurement of high- $Q^2$   $e^- p$  neutral current cross sections at HERA and the extraction of  $xF_3$ ”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **28**, 175 (2003) [arXiv:hep-ex/0208040]
7. **“Effect of the drift field on avalanche gain and charge collection in microgap detectors at high pressure”**  
F. A. F. Fraga *et al.*  
Nucl. Instrum. Meth. A **419**, 460 (1998)  
*Given at 8th Vienna Wire Chamber Conference (WCC 98): Wire Chambers: Recent Trends and Alternative Techniques, Vienna, Austria, 23-27 Feb 1998*
8. **“Optimization of anode dimensions for microgap detectors at high pressure”**  
F. A. F. Fraga *et al.*  
Proceeding sof the IEEE Nuclear Science Symposium, NSS 97, Albuquerque, New Mexico, 1997; IEEE Trans. Nucl. Science, **45**, 269-274 (1998)
9. **“Performance of microstrip and microgap gas detectors at high pressure”**  
F. A. F. Fraga *et al.*  
Nucl. Instrum. Meth. A **392**, 135 (1997)

## 2 Unpublished:

10. **“MICE Scintillating Fiber Tracker Prototype”**  
Khan *et al.*  
MICE Note 90, February 2005.
11. **“Simulation of the hadronic final state and systematic uncertainties in high- $Q^2$  NC DIS”**  
R. Gonalo  
ZEUS Note 02-004, DESY, March 2002.
12. **“A minimum bias vertex distribution for the 1998/99 e-p data”**  
R. Gonalo and K.R. Long  
ZEUS Note 00-027, DESY, September 2000.
13. **“Towards a method for Quality Control of Microstructures for gaseous Detectors Based on Scintillation Light”**  
F.A.F. Fraga *et al.*  
Preprint LIP/98

## 3 Other co-authored papers:

14. **“The ATLAS Experiment at the CERN Large Hadron Collider”**  
G. Aad *et al.* [ATLAS Collaboration]  
JINST **3**, S08003 (2008)
15. **“The ATLAS trigger: Commissioning with cosmic rays”**  
M. Abolins *et al.*  
J. Phys. Conf. Ser. **119**, 022014 (2008)
16. **“The Atlas Data Acquisition And Trigger: Concept, Design And Status”**  
K. Kordas *et al.*  
Nucl. Phys. Proc. Suppl. **172**, 178 (2007)  
*Prepared for 10th Topical Seminar on Innovative Particle and Radiation Detectors (IPRD06), Sienna, Italy, 1-5 Oct 2006*
17. **“Deployment of the ATLAS high-level trigger”**  
A. dos Anjos *et al.*  
IEEE Trans. Nucl. Sci. **53**, 2144 (2006)  
*Prepared for 14th IEEE - NPSS Real Time Conference 2005 (RT2005), Stockholm, Sweden, 4-10 Jun 2005*
18. **“Implementation and performance of the seeded reconstruction for the ATLAS event filter”**  
C. Santamarina *et al.*  
IEEE Trans. Nucl. Sci. **53**, 864 (2006)  
*Prepared for 14th IEEE - NPSS Real Time Conference 2005 (RT2005), Stockholm, Sweden, 4-10 Jun 2005*
19. **“Overview of the high-level trigger electron and photon selection for the ATLAS experiment at the LHC”**  
A. G. Mello *et al.*  
IEEE Trans. Nucl. Sci. **53**, 2839 (2006)
20. **“Implementation and performance of a tau lepton selection within the ATLAS trigger system at the LHC”**  
A. dos Anjos *et al.*  
*Prepared for 9th ICATPP Conference on Astroparticle, Particle, Space Physics, Detectors and Medical Physics Applications, Villa Erba, Como, Italy, 17-21 Oct 2005*

21. **“Measurement of charm fragmentation ratios and fractions in photoproduction at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **44**, 351 (2005) [arXiv:hep-ex/0508019]
22. **“Inclusive jet cross sections and dijet correlations in  $D^{*+}$  photoproduction at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **729**, 492 (2005) [arXiv:hep-ex/0507089]
23. **“Measurement of inelastic  $J/\psi$  production in deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **44**, 13 (2005) [arXiv:hep-ex/0505008]
24. **“Exclusive electroproduction of  $\Phi$  mesons at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **718**, 3 (2005) [arXiv:hep-ex/0504010]
25. **“An NLO QCD analysis of inclusive cross-section and jet-production data from the ZEUS experiment”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **42**, 1 (2005) [arXiv:hep-ph/0503274]
26. **“Multijet production in neutral current deep inelastic scattering at HERA and determination of  $\alpha(s)$ ”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **44**, 183 (2005) [arXiv:hep-ex/0502007]
27. **“Study of deep inelastic inclusive and diffractive scattering with the ZEUS forward plug calorimeter”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **713**, 3 (2005) [arXiv:hep-ex/0501060]
28. **“Search for pentaquarks decaying to  $\Xi \pi$  in deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **610**, 212 (2005) [arXiv:hep-ex/0501069]
29. **“Search for lepton-flavor violation at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **44**, 463 (2005) [arXiv:hep-ex/0501070]
30. **“Forward jet production in deep inelastic  $e p$  scattering and low- $x$  parton dynamics at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **632**, 13 (2006) [arXiv:hep-ex/0502029]
31. **“Search for a narrow charmed baryonic state decaying to  $D^{*+} p$  in  $e p$  collisions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **38**, 29 (2004) [arXiv:hep-ex/0409033]
32. **“Dissociation of virtual photons in events with a leading proton at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **38**, 43 (2004) [arXiv:hep-ex/0408009]
33. **“Substructure dependence of jet cross sections at HERA and determination of  $\alpha(s)$ ”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **700**, 3 (2004) [arXiv:hep-ex/0405065]
34. **“Measurement of beauty production in deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **599**, 173 (2004) [arXiv:hep-ex/0405069]
35. **“Evidence for a narrow baryonic state decaying to  $K_0(S) p$  and  $K_0(S) \bar{p}$  in deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **591**, 7 (2004) [arXiv:hep-ex/0403051]

36. **“Study of the pion trajectory in the photoproduction of leading neutrons at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **610**, 199 (2005) [arXiv:hep-ex/0404002]
37. **“Exclusive electroproduction of J/psi mesons at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **695**, 3 (2004) [arXiv:hep-ex/0404008]
38. **“The dependence of dijet production on photon virtuality in e p collisions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **35**, 487 (2004) [arXiv:hep-ex/0404033]
39. **“Observation of isolated high-E(T) photons in deep inelastic scattering”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **595**, 86 (2004) [arXiv:hep-ex/0402019]
40. **“Photoproduction of D\*+- mesons associated with a leading neutron”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **590**, 143 (2004) [arXiv:hep-ex/0401017]
41. **“Search for QCD-instanton induced events in deep inelastic e p scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **34**, 255 (2004) [arXiv:hep-ex/0312048]
42. **“Bottom photoproduction measured using decays into muons in dijet events in e p collisions at s\*\*(1/2) = 318-GeV”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Rev. D **70**, 012008 (2004) [Erratum-ibid. D **74**, 059906 (2006)] [arXiv:hep-ex/0312057]
43. **“High-Q\*\*2 neutral current cross sections in e+ p deep inelastic scattering at s\*\*(1/2) = 318-GeV”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Rev. D **70**, 052001 (2004) [arXiv:hep-ex/0401003]
44. **“Search for contact interactions, large extra dimensions and finite quark radius in e p collisions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **591**, 23 (2004) [arXiv:hep-ex/0401009]
45. **“Isolated tau leptons in events with large missing transverse momentum at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **583**, 41 (2004) [arXiv:hep-ex/0311028]
46. **“Search for single-top production in e p collisions at HERA. (Addendum)”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
DESY-03-188(2003)
47. **“Bose-Einstein correlations in one and two dimensions in deep inelastic scattering”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **583**, 231 (2004) [arXiv:hep-ex/0311030]
48. **“Observation of K0(S) K0(S) resonances in deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **578**, 33 (2004) [arXiv:hep-ex/0308006]
49. **“Measurement of the high-Q\*\*2 neutral current deep inelastic scattering cross sections with the ZEUS detector at HERA”**  
J. R. M. Silva Goncalo  
DESY-THESIS-2003-022(2003)
50. **“Measurement of D\*+- production in deep inelastic e+- p scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Rev. D **69**, 012004 (2004) [arXiv:hep-ex/0308068]

51. **“Measurement of high- $Q^2$  charged current cross sections in  $e^+ p$  deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **32**, 1 (2003) [arXiv:hep-ex/0307043]
52. **“Measurement of the open-charm contribution to the diffractive proton structure function”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **672**, 3 (2003) [arXiv:hep-ex/0307068]
53. **“Jet production in charged current deep inelastic  $e^+ p$  scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **31**, 149 (2003) [arXiv:hep-ex/0306018]
54. **“Measurement of deeply virtual Compton scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **573**, 46 (2003) [arXiv:hep-ex/0305028]
55. **“A search for resonance decays to lepton + jet at HERA and limits on leptoquarks”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Rev. D **68**, 052004 (2003) [arXiv:hep-ex/0304008]
56. **“Search for single-top production in  $e p$  collisions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **559**, 153 (2003) [arXiv:hep-ex/0302010]
57. **“Dijet angular distributions in photoproduction of charm at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **565**, 87 (2003) [arXiv:hep-ex/0302025]
58. **“Measurement of subjet multiplicities in neutral current deep inelastic scattering at HERA and determination of  $\alpha(s)$ ”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **558**, 41 (2003) [arXiv:hep-ex/0212030]
59. **“Scaling violations and determination of  $\alpha(s)$  from jet production in  $\gamma p$  interactions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **560**, 7 (2003) [arXiv:hep-ex/0212064]
60. **“Observation of the strange sea in the proton via inclusive  $\Phi$ -meson production in neutral current deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **553**, 141 (2003) [arXiv:hep-ex/0211025]
61. **“Measurement of event shapes in deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **27**, 531 (2003) [arXiv:hep-ex/0211040]
62. **“Study of the azimuthal asymmetry of jets in neutral current deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **551**, 226 (2003) [arXiv:hep-ex/0210064]
63. **“Measurements of inelastic  $J/\psi$  and  $\psi'$  photoproduction at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **27**, 173 (2003) [arXiv:hep-ex/0211011]
64. **“Leading proton production in  $e^+ p$  collisions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **658**, 3 (2003) [arXiv:hep-ex/0210029]
65. **“A ZEUS next-to-leading-order QCD analysis of data on deep inelastic scattering”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Rev. D **67**, 012007 (2003) [arXiv:hep-ex/0208023]

66. **“Inclusive jet cross sections in the Breit frame in neutral current deep inelastic scattering at HERA and determination of  $\alpha(s)$ ”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **547**, 164 (2002) [arXiv:hep-ex/0208037]
67. **“Measurement of high- $Q^2$  e- p neutral current cross sections at HERA and the extraction of  $xF_3$ ”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **28**, 175 (2003) [arXiv:hep-ex/0208040]
68. **“Measurement of diffractive production of  $D^*(2010)_{\pm}$  mesons in deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **545**, 244 (2002) [arXiv:hep-ex/0206020]
69. **“Leading neutron production in e+ p collisions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **637**, 3 (2002) [arXiv:hep-ex/0205076]
70. **“Measurement of proton dissociative diffractive photoproduction of vector mesons at large momentum transfer at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **26**, 389 (2003) [arXiv:hep-ex/0205081]
71. **“Measurement of high- $Q^2$  charged current cross sections in e- p deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **539**, 197 (2002) [Erratum-ibid. B **552**, 308 (2003)] [arXiv:hep-ex/0205091]
72. **“Measurement of the  $Q^2$  and energy dependence of diffractive interactions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **25**, 169 (2002) [arXiv:hep-ex/0203039]
73. **“Search for lepton-flavor violation in e+ p collisions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Rev. D **65**, 092004 (2002) [arXiv:hep-ex/0201003]
74. **“Exclusive photoproduction of  $J/\psi$  mesons at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **24**, 345 (2002) [arXiv:hep-ex/0201043]
75. **“Dijet photoproduction at HERA and the structure of the photon”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **23**, 615 (2002) [arXiv:hep-ex/0112029]
76. **“High-mass dijet cross sections in photoproduction at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **531**, 9 (2002) [arXiv:hep-ex/0112030]
77. **“Measurement of the photon proton total cross section at a center-of-mass energy of 209-GeV at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **627**, 3 (2002) [arXiv:hep-ex/0202034]
78. **“Searches for excited fermions in e p collisions at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **549**, 32 (2002) [arXiv:hep-ex/0109018]
79. **“Dijet production in neutral current deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **23**, 13 (2002) [arXiv:hep-ex/0109029]

80. **“Three-jet production in diffractive deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **516**, 273 (2001) [arXiv:hep-ex/0107004]
81. **“Properties of hadronic final states in diffractive deep inelastic e p scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Rev. D **65**, 052001 (2002) [arXiv:hep-ex/0107052]
82. **“Measurement of the neutral current cross section and F2 structure function for deep inelastic e+ p scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **21**, 443 (2001) [arXiv:hep-ex/0105090]
83. **“Multiplicity moments in deep inelastic scattering at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **510**, 36 (2001) [arXiv:hep-ex/0104036]
84. **“Study of the effective transverse momentum of partons in the proton using prompt photons in photoproduction at HERA”**  
S. Chekanov *et al.* [ZEUS Collaboration]  
Phys. Lett. B **511**, 19 (2001) [arXiv:hep-ex/0104001]
85. **“Measurement of dijet production in neutral current deep inelastic scattering at high Q\*\*2 and determination of alpha(s)”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Phys. Lett. B **507**, 70 (2001) [arXiv:hep-ex/0102042]
86. **“Measurement of open beauty production in photoproduction at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **18**, 625 (2001) [arXiv:hep-ex/0011081]
87. **“Measurement of dijet cross sections for events with a leading neutron in photoproduction at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Nucl. Phys. B **596**, 3 (2001) [arXiv:hep-ex/0010019]
88. **“A search for resonance decays to anti-nu jet in e+ p scattering at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Phys. Rev. D **63**, 052002 (2001) [arXiv:hep-ex/0009059]
89. **“Measurement of exclusive omega electroproduction at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Phys. Lett. B **487**, 273 (2000) [arXiv:hep-ex/0006013]
90. **“Measurement of the proton structure function F2 at very low Q\*\*2 at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Phys. Lett. B **487**, 53 (2000) [arXiv:hep-ex/0005018]
91. **“Measurement of azimuthal asymmetries in deep inelastic scattering”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Phys. Lett. B **481**, 199 (2000) [arXiv:hep-ex/0003017]
92. **“Measurement of inclusive D/s+- photoproduction at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Phys. Lett. B **481**, 213 (2000) [arXiv:hep-ex/0003018]
93. **“The Q\*\*2 dependence of dijet cross sections in gamma p interactions at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Phys. Lett. B **479**, 37 (2000) [arXiv:hep-ex/0002010]
94. **“Search for resonances decaying to e+ jet in e+ p interactions at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **16**, 253 (2000) [arXiv:hep-ex/0002038]

95. **“Measurement of diffractive photoproduction of vector mesons at large momentum transfer at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Eur. Phys. J. C **14**, 213 (2000) [arXiv:hep-ex/9910038]
96. **“Measurement of the  $E(T, \text{jet})^2/Q^2$  dependence of forward-jet production at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Phys. Lett. B **474**, 223 (2000) [arXiv:hep-ex/9910043]
97. **“Measurement of inclusive prompt photon photoproduction at HERA”**  
J. Breitweg *et al.* [ZEUS Collaboration]  
Phys. Lett. B **472**, 175 (2000) [arXiv:hep-ex/9910045]
98. **“Effect of the drift field on avalanche gain and charge collection in microgap detectors at high pressure”**  
F. A. F. Fraga *et al.*  
Nucl. Instrum. Meth. A **419**, 460 (1998)  
*Given at 8th Vienna Wire Chamber Conference (WCC 98): Wire Chambers: Recent Trends and Alternative Techniques, Vienna, Austria, 23-27 Feb 1998*