

Radomír Šmída -- List of Publications:

Journals:

- The Pierre AUGER Collaboration; Abraham, J. et al.: Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory, *Astroparticle Physics* 31 (2009) 399
- The Pierre AUGER Collaboration; Abraham, J. et al.: Limit on the diffuse flux of ultrahigh energy tau neutrinos with the surface detector of the Pierre Auger Observatory, *Physical Review D* 79 (2009) 102001
- The Pierre AUGER Collaboration; Abraham, J. et al.: Observation of the suppression of the flux of cosmic rays above 4×10^{19} eV, *Physical Review Letters* 101 (2008) 061101
- The Pierre AUGER Collaboration; Abraham, J. et al.: Upper limit on the diffuse flux of ultrahigh energy tau neutrinos from the Pierre Auger Observatory, *Physical Review Letters* 100 (2008) 211101
- The Pierre AUGER Collaboration; Abraham, J. et al.: Upper limit on the cosmic-ray photon flux above 10^{19} eV using the surface detector of the Pierre Auger Observatory, *Astroparticle Physics* 29 (2008) 243
- The Pierre AUGER Collaboration; Abraham, J. et al.: Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei, *Astroparticle Physics* 29 (2008) 188
- The Pierre AUGER Collaboration; Abraham, J. et al.: Correlation of the highest-energy cosmic rays with nearby extragalactic objects, *Science* 318. no. 5852 (2007) 938
- The Pierre AUGER Collaboration; Abraham, J. et al.: Anisotropy studies around the Galactic centre at EeV energies with the Auger Observatory, *Astroparticle Physics* 27 (2007) 244
- The Pierre AUGER Collaboration; Abraham, J. et al.: An upper limit to the photon fraction in cosmic rays above 10^{19} eV from the Pierre Auger Observatory, *Astroparticle Physics* 27 (2007) 155
- Jelínek, M. et al.: The bright optical flash from GRB 060117, *Astronomy and Astrophysics* 454 (2006) L119
- Proceedings of 1st C2CR (Prague, 7-13/9/2005), published in *Czechoslovak Journal of Physics* 56 (2006) 1
- Prouza, M. and Šmída, R.: The Galactic magnetic field and propagation of ultra-high energy cosmic rays, *Astronomy and Astrophysics* 410 (2003) 1

Conferences:

- Šmída, R.: Isotropization of arrival directions of ultra-high energy cosmic rays, 31st ICRC (2009)
- The Pierre AUGER Collaboration; Thomas, D. et al.: Search for coincidences with astrophysical transients in Pierre Auger Observatory data, 31st ICRC (2009)
- The Pierre AUGER Collaboration; Anchordoqui, L. et al.: Search for coincidences in time and arrival direction of Auger data with astrophysical transients, Proceedings of 30th ICRC (2007)
- BenZvi, S. et al.: New method for atmospheric calibration at the Pierre Auger Observatory using FRAM, a robotic astronomical telescope, Proceedings of 30th ICRC (2007)
- Šmída, R.: Particle composition of ultra-high energy cosmic rays, Proceedings of Week of Doctoral Students, Charles University (2004) 532
- Hudec, R. et al.: Simultaneous and quasisimultaneous optical data for GRBs, Gamma-ray burst and afterglow astronomy 2001 662 (2003) 526
- Hudec, R. et al.: EN: Simultaneous optical data for GRBs, Gamma-ray bursts in the afterglow era (2001) 185

Technical papers of the Pierre Auger Collaboration:

- Šmída, R. et al.: Measured ADC variances on FD cameras, GAP 2009-074 (2009)
- Šmída, R. et al.: Update on coincidences between GRBs and CR events measured till April 2009, GAP 2009-064 (2009)
- Boháčová, M. et al.: Fluorescence detector uptime calculation, GAP 2008-071 (2008)
- Boháčová, M. et al.: Cosmic rays from GRBs and SGR 1806-20, GAP 2006-069 (2006)