

# Stanford

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## Peter Michelson

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### CONTACT INFORMATION

- **Administrative Contact**

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### Bio

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### ACADEMIC APPOINTMENTS

- Professor, Physics

### Teaching

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### COURSES

#### 2019-20

- Thinking About the Universe: What do we know? How do we know it?: THINK 45 (Win)

### STANFORD ADVISEES

#### Doctoral Dissertation Reader (AC)

Lawrence Peirson

#### Postdoctoral Faculty Sponsor

Niccolo Di Lalla

### Publications

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### PUBLICATIONS

- **Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A** *SCIENCE*  
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- **Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar** *SCIENCE ADVANCES*  
Clark, C. J., Pletsch, H. J., Wu, J., Guillemot, L., Kerr, M., Johnson, T. J., Camilo, F., Salvetti, D., Allen, B., Anderson, D., Aulbert, C., Beer, C., Bock, et al  
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- **SPECTROSCOPY OF THE LARGEST EVER gamma-RAY-SELECTED BL LAC SAMPLE** *ASTROPHYSICAL JOURNAL*  
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- **SPECTROSCOPY OF BROAD-LINE BLAZARS FROM ILAC** *ASTROPHYSICAL JOURNAL*  
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- **Fermi Gamma-Ray Space Telescope** *OPTICAL ENGINEERING*  
McEnergy, J. E., Michelson, P. F., Paciesas, W. S., Ritz, S.  
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- **THE LARGE AREA TELESCOPE ON THE FERMI GAMMA-RAY SPACE TELESCOPE MISSION** *ASTROPHYSICAL JOURNAL*  
Atwood, W. B., Abdo, A. A., Ackermann, M., Althouse, W., Anderson, B., Axelsson, M., Baldini, L., Ballet, J., Band, D. L., Barbiellini, G., Bartelt, J., Bastieri, D., Baughman, et al  
2009; 697 (2): 1071-1102
- **A celestial gamma-ray foreground due to the albedo of small solar system bodies and a remote probe of the interstellar cosmic-ray spectrum** *ASTROPHYSICAL JOURNAL*  
Moskalenko, I. V., Porter, T. A., Digel, S. W., Michelson, P. F.  
2008; 681 (2): 1708-1716
- **CGRaBS: An all-sky survey of gamma-ray blazar candidates** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*  
Healey, S. E., Romani, R. W., Cotter, G., Michelson, P. F., Schlafly, E. F., Readhead, A. C., Giommi, P., Chaty, S., Grenier, I. A., Weintraub, L. C.  
2008; 175 (1): 97-104
- **Window on the extreme universe** *SCIENTIFIC AMERICAN*  
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2007; 297 (6): 54-61
- **The VLBA imaging and polarimetry survey at 5 GHz** *ASTROPHYSICAL JOURNAL*  
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- **The large area telescope** *1st GLAST Symposium*  
Michelson, P. F.  
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- **GLAST large area telescope multiwavelength planning** *Conference on the Multi-Messenger Approach to High Energy Gamma-Ray Sources/3rd Workshop of the Nature of Unidentified High-Energy Sources*  
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- **VLBA imaging polarimetry of active galactic nuclei: An automated approach** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*  
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- **Results from the beam test of the engineering model of the GLAST large area telescope** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
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- Thompson, D. J., Bertsch, D. L., Dingus, B. L., Esposito, J. A., Etienne, A., Fichtel, C. E., Friedlander, D. P., Hartman, R. C., Hunter, S. D., KENDIG, D. J., Mattox, J. R., McDonald, L. M., Mukherjee, et al  
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  - **Gamma-ray emission from extragalactic radio sources: EGRET observations of active galactic nuclei** *175th Symposium of the International-Astronomical-Union on Extragalactic Radio Sources*  
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  - **SPHERICAL RESONANT-MASS GRAVITATIONAL-WAVE DETECTORS** *PHYSICAL REVIEW D*  
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  - **THE UNIDENTIFIED GAMMA-RAY SOURCE GRO J1837+59** *2nd Compton Symposium*  
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  - **RESULTS FROM THE 1ST YEAR OF OBSERVATIONS WITH THE ENERGETIC GAMMA RAY EXPERIMENT TELESCOPE ON THE COMPTON-OBSERVATORY** *International Conference on Fluid Mechanics and Theoretical Physics, in Honor of Professor Pei-Yuan Chou's 90th Anniversary*  
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