

Stanford



Peter Michelson

Senior Associate Dean for the Natural Sciences and the Luke Blossom Professor in the School of Humanities and Sciences

Physics

Bio

ACADEMIC APPOINTMENTS

- Professor, Physics

Teaching

COURSES

2018-19

- Introduction to Cosmology and Extragalactic Astrophysics: PHYSICS 161, PHYSICS 261 (Spr)
- Thinking About the Universe: What do we know? How do we know it?: THINK 45 (Spr)

2017-18

- Classical Mechanics Laboratory: PHYSICS 42 (Win)
- Frontiers of Physics Research: PHYSICS 59 (Aut)
- Introduction to Cosmology and Extragalactic Astrophysics: PHYSICS 161, PHYSICS 261 (Spr)
- Thinking About the Universe: What do we know? How do we know it?: THINK 45 (Spr)

2016-17

- Frontiers of Physics Research: PHYSICS 59 (Aut)
- Introduction to Cosmology and Extragalactic Astrophysics: PHYSICS 161, PHYSICS 261 (Spr)
- Thinking About the Universe: What do we know? How do we know it?: THINK 45 (Spr)

2015-16

- Classical Mechanics Laboratory: PHYSICS 42 (Win)
- Thinking About the Universe: What do we know? How do we know it?: THINK 45 (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Mae Hwee Teo

Publications

PUBLICATIONS

- **Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A** *SCIENCE*

- Aartsen, M. G., Ackermann, M., Adams, J., Aguilar, J. A., Ahlers, M., Ahrens, M., Al Samarai, I., Altmann, D., Andeen, K., Anderson, T., Anseau, I., Anton, G., Argüelles, et al
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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 1LAC** *ASTROPHYSICAL JOURNAL*
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 - **Fermi Gamma-Ray Space Telescope** *OPTICAL ENGINEERING*
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 - **THE LARGE AREA TELESCOPE ON THE FERMI GAMMA-RAY SPACE TELESCOPE MISSION** *ASTROPHYSICAL JOURNAL*
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 - **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.
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 - **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.
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 - **Window on the extreme universe** *SCIENTIFIC AMERICAN*
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 - **The VLBA imaging and polarimetry survey at 5 GHz** *ASTROPHYSICAL JOURNAL*
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 - **The large area telescope** *1st GLAST Symposium*
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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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