

Shuta TANAKA

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Research Fields

High Energy Astrophysics and Plasma Physics

- Non-thermal emissions from pulsars and pulsar wind nebulae.*
- Nonlinear plasma processes around pulsar magnetospheres and laser facilities.*
- Interactions between stellar wind and interstellar plasmas.*

EDUCATION

Osaka University, Japan (Supervisor: Prof. Fumio Takahara)

- Doctor of Philosophy (Physics) (April 2009 - March 2012)*
- Master of Science (Physics) (April 2007 - March 2009)*
- Bachelor of Science (Physics) (April 2003 - March 2007)*

EMPLOYMENTS & FELLOWSHIPS

Department of Physics and Mathematics, Aoyama Gakuin University, Japan

- Assistant Professor (April 2018 -)*
- Part-time Lecturer (April 2015 - September 2015)*
- JSPS Research Fellowships for Young Scientists (PD), Supervisor: Assoc. Prof. Ryo Yamazaki (June 2012 - March 2013)*

Department of Physics, Faculty of Science and Engineering, Konan University, Japan

- Post-doctoral Researcher (April 2016 - March 2018)*
- Part-time Lecturer (September 2016 - March 2017; September 2017 - - March 2018)*

Institute for Cosmic-Ray Research, The University of Tokyo, Japan

- JSPS Research Fellowships for Young Scientists (PD), Supervisor: Prof. Toshio Terasawa (April 2013 - March 2016)*

Department of Earth and Space Science, Graduate School of Science, Osaka University, Japan

- JSPS Research Fellowships for Young Scientists (PD), Supervisor: Prof. Fumio Takahara (April 2012 - May 2012)*
- JSPS Research Fellowships for Young Scientists (DC2), Supervisor: Prof. Fumio Takahara (April 2011 - March 2012)*

Research Grants

- Joint reserch project of the Institute of Laser Enegineering, Osaka University (April 2019 - March 2021)*
- Grant-in-Aid for Scientific Research (April 2017 - March 2020)*
- Joint reserch project of the Institute of Laser Enegineering, Osaka University (April 2019 - March 2020)*
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- Joint reserch project of the Institute of Laser Enegineering, Osaka University (April 2015 - March 2016)*
- Grant-in-Aid for JSPS Fellows (April 2013 - March 2016)*
- Grant-in-Aid for JSPS Fellows (April 2011 - March 2013)*

Awards

- Best Poster Award of ILE (Institute of Laser Engineering) Symposium 2015*

Professional Services

- The Astronomical Society of Japan* (January 2010 -)
- Cherenkov Telescope Array (CTA) group* (January 2014 -)
- The Physics Society of Japan* (March 2014 -)
- Cosmic Ray Researchers Congress (CRC)* (February 2016 -)
- KAGRA collaboration* (December 2018 -)

Referee for Scientific Journals

- Monthly Notices of the Royal Astronomical Society*
- Publication of Astronomical Society of Japan*
- Galaxies*
- Universe*
- Astrophysical Journal*