

Takaya Nozawa

**Division of Theoretical Astronomy
National Astronomical Observatory of Japan
2-21-1 Osawa, Mitaka, Tokyo 181-8588, Japan**

Phone : +81-422-34-3752

Fax : +81-422-34-3746

E-mail : takaya.nozawa@nao.ac.jp

PERSONAL INFORMATION

Date of Birth : June 24, 1978

Citizenship : Japan

Position : NAOJ Fellow (Specially Appointed Assistant Professor)

ACADEMIC ACHIEVEMENTS

- 2001/03 **Bachelor of Earth and Planetary Science**
Department of Earth and Planetary Science,
School of Science, Hokkaido University
Advisor: Professor Takashi Kozasa
Thesis Title: "Gravitational Equilibrium of the High-Density Stars:
White Dwarfs"
- 2003/03 **Master of Science**
Division of Earth and Planetary Science,
Graduate School of Science, Hokkaido University
Advisor: Professor Takashi Kozasa
Thesis Title: "Formation of Dust Grains in the Ejecta of Supernovae
in the Early Universe"
- 2006/03 **Doctor of Science**
Division of Earth and Planetary Science,
Graduate School of Science, Hokkaido University
Advisor: Professor Takashi Kozasa
Thesis Title: "Dust in the Early Universe: Formation in Population III
Supernovae and Destruction in Interstellar Shock"

EMPLOYMENT

- 2003/05– **Graduate School of Science, Hokkaido University**
2003/10 N10 W8 Kita-ku, Sapporo 060-0810, Japan
Research Assistant
- 2006/05– **Graduate School of Science, Hokkaido University**
2008/08 N10 W8 Kita-ku, Sapporo 060-0810, Japan
Research Associate
- 2008/09– **Kavli Institute for the Physics and Mathematics of the**
2014/03 **Universe, TODIAS, University of Tokyo**
5-1-5 Kashiwanoha, Kashiwa, Chiba 277-8583, Japan
Project Researcher
- 2014/04– **Division of Theoretical Astronomy**
present **National Astronomical Observatory of Japan**
2-21-1 Osawa, Mitaka, Tokyo 181-8588, Japan
NAOJ Fellow (Specially Appointed Assistant Professor)

TEACHING EXPERIENCE

- 2003/04– Hokkaido University, Hokkaido
2003/09 **Teaching Assistant** (Subject: Basic Physics Seminar)
- 2004/04– Hokkaido University, Hokkaido
2004/09 **Teaching Assistant** (Subject: Basic Physical Mathematics Seminar)
- 2007/09– Hokkai-Gakuen University, Hokkaido
2008/03 **Part-Time Lecturer** (Subject: Cosmoscience II)

GRANT and FELLOWSHIP

2004/04– Scholarship from the Japan Student Services Organization
2006/03 (Category 1)

2007/04– Grant-in-Aid for Young Scientists from the Japan Society for the
2010/03 Promotion of Sciences (Wakate B: 3,200,000 yen)

Project Title : “Physical and chemical evolution of dust in the early universe
and its effects on the observations and star formation history”

2010/04– Grant-in-Aid for Young Scientists from the Japan Society for the
2014/03 Promotion of Sciences (Wakate A: 6,300,000 yen)

Project Title : “Understanding the formation and destruction processes of
dust grains by massive stars and supernovae”

2014/04– Grant-in-Aid for Scientific Research from the Japan Society for the
2017/03 Promotion of Sciences (Wakate A: 3,600,000 yen)

Project Title : “Mass-loss history of massive stars and variation of core-collapse
supernovae as probed by the circumstellar dust”

MEMBERSHIP

The Astronomical Society of Japan

LANGUAGE

Japanese (native language; professional writing and speaking)

English (writing and basic conversation)