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PROFESSIONAL PREPARATION

Ph.D., Nagoya University (Science), 2001
M.S., Nagoya University (Physics), 1998
B.S., Nagoya University (Physics), 1996

GRADUATE & POSTDOCTORAL ADVISORS

Ph. D. Advisor: Yukiharu Ohsawa
Postdoctoral Advisor: Amitava Bhattacharjee
Benjamin D. G. Chandran
Yukiharu Ohsawa

APPOINTMENTS

Research Scientist II, Space Science Center, University of New Hampshire, 2003 to present.
Postdoctoral Research Scholar, Department of physics and Astronomy, University of Iowa, 2002-2003.
Research Fellow of the Japan Society for the Promotion of Science, 2000-2001.

RECENT PUBLICATIONS CLOSELY RELATED TO THE PROJECT

Electron Acceleration and Trapping by an Oblique Shock Wave, N. Bessho and Y. Ohsawa, Phys. Plasmas **9**, 979 (2002).
Energies of Ultrarelativistic Electrons Produced by an Oblique Shock Wave, N. Bessho and Y. Ohsawa, Phys. Plasmas **7**, 4004 (2000).
Electron Acceleration to Ultrarelativistic Energies in a Collisionless Oblique Shock Wave, N. Bessho and Y. Ohsawa, Phys. Plasmas **6**, 3076 (1999).
Production of Ultrarelativistic Electrons by Oblique Magnetosonic Shock Waves, N. Bessho, K. Maruyama, and Y. Ohsawa, J. Phys. Soc. Jpn. **68**, 1 (1999).
Acceleration of Energetic Ions by Nonlinear Magnetosonic Waves, K. Maruyama, N. Bessho, and Y. Ohsawa, Phys. Plasmas **5**, 3257 (1998).

OTHER SIGNIFICANT RECENT PUBLICATIONS

Shock Structures and Electron Energies in Wave and de Hoffmann-Teller Frames, N. Bessho, S. Miyahara and Y. Ohsawa, J. Phys. Soc. Jpn. **71**, 2572 (2002).

COLLABORATORS & OTHER AFFILIATIONS

Chandran, B. D. G. (University of Iowa)
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