S. Cheenu Kappadath

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PERSONAL

Date of Birth: October 30, 1969
Place of Birth: Kerala, India

EDUCATION

University of New Hampshire **Ph.D.** Physics 1998
Durham, New Hampshire

University of New Hampshire **M.S.** Physics 1994
Durham, New Hampshire

Illinois Wesleyan University **B.A.** (Cum Laude) 1991
Bloomington, Illinois Physics & Mathematics

EXPERIENCE

Graduate Research Assistant - UNH 1993–
Analysis of the Cosmic Diffuse Gamma-Ray spectrum using COMPTEL data (dissertation). Rapid gamma-ray burst analysis. Monte-Carlo simulation studies. Analysis software development.

Graduate Teaching Assistant - UNH 1991–1993
Laboratory instructor for astronomy courses including observatory sessions. Grading of tests, exams and term papers.

Undergraduate Laboratory Assistant - IWU 1989–1991
Laboratory assistant for introductory physics courses.

Undergraduate Mathematics Tutor - IWU 1989–1991
Tutoring students and grading homework.

MEMBERSHIPS

American Astronomical Society
Sigma Xi Research Society

SPECIAL SKILLS

Grant proposal writing; GEANT (Monte-Carlo), PAW, IDL/PV-WAVE data analysis packages; UNIX, Macintosh, MS-DOS and VAX/VMS based computer operating systems; FORTRAN, PASCAL and SQL computer languages.

RESEARCH INTERESTS

Cosmic Diffuse Gamma-Ray Emission
Cosmic Gamma-Ray Bursts
Instrument Development
Cosmic-Ray Physics
Exotic Objects: Active Galactic Nuclei, Pulsars, Black Holes, etc.