

Visits and Talks at distinguished Institutes

Visits and Talks:

1	1989 April	Inter-University Center for Astronomy and Astrophysics, Pune	Application of Fabry - Perot interferometers in Astronomy
2	1990 October	European Southern Observatory, Munchen, Germany	Fabry-Perot Observations of Halley's comet
3	1990 December	Institute of Astrophysics, Paris, France	On the nature of shock in Cygnus loop
4	1990 December	Carl-Zies, Jena, Germany	
5	1993 April	Institute of Astronomy, Zurich, Switzerland	The active mirror based image stabilization system at USO
6	1993 April	Institute of Astronomy, Florence, Italy	The active mirror based image stabilization system at USO
7	1994 November	Nanjing Astronomical Instruments Factory, Nanjing, China	
8	1996 October 30	NSO, Tucson, USA,	Flare and Surge Activity in Super Active Regions
9	1997 January 15	Marshall Space Flight Center, Huntsville, USA	Flare and Surge Activity in Super Active Regions
10	1997 January 17	Naval Research Laboratory, Washington DC, USA	Flare and Surge Activity in Super Active Regions
11	January 21, 1997	Institute fur Astronomie, Wuerzburg	Flare and Surge Activity in Super Active Regions
12	1997 January 12	Kippenhuer Institute fur Sonnenphysik, Frieburg	Flare and Surge Activity in Super Active Regions
13	1997 January 27	Institute fur Astronomie, Potsdam	Flare and Surge Activity in Super Active Regions
14	1997 August 19	Indian Institute of Astrophysics, Bangalore	Flare and Surge Activity in Super Active Regions
15	1997 August 20	Indian Institute of Science, Bangalore	Flare and Surge Activity in Super Active Regions
16	1997 August 20	Indian Space Research Organization, Head Quarters, Bangalore.	Results of 1995 Total Solar Eclipse in India
17	1998 September 13	MSFC Branch Talk	Coalescence and Restructuring of Ha Loops During a Long Duration Flare on 23 March 1991
18	1998 October 7	Preri-view Solar observatory, Tx.	

18	1999 October 10	Indian Institute of Astrophysics, Bangalore, India	
19	2000 March 10	Physical Research Laboratory, Ahmedabad, India	Flows in the Active Region
20	2001. 1 - 2001. 4	Mitaka, Japan	Flows in the Active Region
21	2001 March 5	Kyoto, Japan	Flows in the Active Region
22	2001 March 7	Nobyama, Japan	Flows in the Active Region
23	2002 July 15-23	Max-Planck-Institute fur Aeronomie, Lindau, Germany	
24	2002 July 27 – August 1	Observatory of Roma, Roma	Flows in the Active Region
25	2002 November 11-22	International Center for Theoretical Physics, Trieste, Italy	Flows in the Solar Atmosphere – An Observer's Perspective
26	2003 February 6-7	Laboratory For Electro Optics Systems (LEOS), Bangalore	
27	2003 April 11	National Space Science and Technology Center, Huntsville, AL.	Chromospheric Magnetic Field of Solar Active Regions
28	2003 July 7-13	National Solar Observatory, Sac Peak, Sunspot, NM	

Contribution in Symposia and colloquium:

1. 1985	International Symposium on Opto-Electronic devices, New Delhi, India Oral Presentation: High resolution imaging interferometer for Halley's Comet- concepts and performance.
2. 1986	Indian Institute of Astrophysics Bicentennial Symposium, 5-6 December, 1986 and XIth meeting of Astronomical Society of India, 7-9, December, Bangalore, India.
3. 1986	Workshop on Astronomical detectors, 14-23 July 1986, Srinagar, India Oral Presentation: The Astronomical Performance of Gen II Image Intensifiers.
4. 1987	Workshop on Image Processing Technique, 23-27 March 1987. Udhagamandal, India. Oral Presentation: Digital Image Processing of Comet Halley Images and Interferogram.
5. 1988	National Symposium on Comet Halley, 1988 Bangalore, India Oral Presentation: The Fabry-Perot Interferometric study of Comet Halley.
6. 1989	IAU colloquium on Comets in the Post-Halley era, April 24-28, 1989, Bamberg, Germany. Poster Presentation: The Fabry-Perot Interferometric study of C2 emission band in the coma of comet Halley.

7. 1989	IAU symposium on Basic Plasma Physics of the Sun, December 1-5, 1989, Bangalore, India. Invited talk: The interaction of cometary plasma with interplanetary medium- A post Halley view.
8. 1990	National Space science Symposium (dedicated to Prof. S. K. Mitra on his birth centenary), March 5-9, 1990 Nagpur, India. Invited talk: The observation of Jovian system at PRL.
9. 1990	Drittes Killoquium im DFG-Schwerpunktprogramme "Kleine korper im Sonnensystem: Ursprung, Entwicklung, and Bedeutung fur die Entstehung der Planeten, Neustadt/W, 26-28, November 1990. Beobachtung der Kometen Austin 1989cl und Levey 1990c am Observatorium Hoher List mit hoher spektraler Ausflosung. Jockers, K., Bonev, T., Debi Prasad C., Geyer, E. H. Rauer H., Richards M.
10. 1991	5th Calar Alto Colloquium, 6-7 March 1991, Hidelberg, Germany, Oral Presentation: Beobachtung von Na und S+ in der umgebung des jupitermonds Io mit dem Fockalreduktor des MPIAe am 2.2m teleskop des DSAZ.
11. 1991	European geophysical society, XVI General Assembly, Wiesbaden, 22-26 April 1991. 1. Oral Presentation: The Post-Perihelion Spectroscopic study of comet Wilson (1986) 2. The H O+ tail of comet Levy 1990c.
12. 1991	Asteroids, comets, Meteors 1991, 24-28 June 1991, Flagstaff, Arizona, USA. 1. Oral Presentation: Observation of comet Levy 1990c in the [OI] 6300 line with an imaging Fabry-Perot. 2. Velocities in the H ₂ O ⁺ ion tail of comet Levy 1990c.
13. 1993	Winter College on Optics, International Center for Theoretical Physics, Trieste, Italy, February 8-26, 1993. Oral Presentation: Use of Fabry-Perot in Astronomy.
14. 1993	IUCAA mini workshop on Techniques for Astronomical High resolution Optical and IR spectroscopy at IR observatory, Mt. Abu, March 22-26, 1993. Invited talk: Spatial Heterodyne spectroscopy.
15. 1993	Asian-Pacific IAU Regional meeting, Pune, India, August 16-20, 1993. Poster Presentation: 1. Observation of filament activation during the disk passage. Debi Prasad. C and Sushant C. Tripathy. 2. The role of critical velocity ionization in the atmosphere of Io. 3. Solar Observations using LiNbO ₃ Fabry-Perot etalon. A. Bhatnagar, Debi Prasad C., Shibu K. Mathew
16. 1994	XVIth meeting of Astronomical Society of India, 24-28 Oct. 1994, Pune, India Poster presentation: Chromospheric and Photospheric evolution of the super-active region NOAA, 6555.
17. 1996	National Space Science Symposium - 1996, February 6-10, 1996, Osmania University, Hyderabad - 500 007. Poster cum Oral: A search for Circumsolar Dust ring during Solar Minimum, Debi Prasad C., Ambastha A., Gupta, S. K., Murali, K. R., Vasant Kumar, Khakale, P. V., Bimal Sharma, Dasgupta, S. K., Kiran Kumar, A. S.
18. 1996	National Meeting on the results of the October 24, 1995 Total Solar Eclipse, February 26-27, 1996, Indian Institute of Astrophysics, Bangalore. Oral: No Signature of Circumsolar up to 5 solar radii from optical

	polarization and near IR observations of 24 October 1995 total solar eclipse.
19. 1996	PRL Golden Jubilee Workshop on "Solar Physics in India during the next solar maximum and beyond", October 7-10, 1996. Invited talk: Near Infrared Observations of the solar atmosphere.
20. 1997	10 th National Space Science Symposium, Physical Research Laboratory, Ahmedabad, November 25-28, 1997. Oral cum poster: Velocity and Magnetic field in Super Active Region NOAA 6555 and 6659. Debi Prasad C., Nirav Mehta, A. Ambastha, S. K. Mathew. Astronomical Society of India XVIII Annual Meeting, Physical Research Laboratory, November 28 - December 1, 1997. Poster: 1. The dynamics of a quiescent prominence using line profile study of He D3 Observations. Nirav Mehta, Debi Prasad C., S. K. Mathew, A. Ambastha, Photospheric, Chromospheric Activity and Magnetic Field Associated with a Large Flare and Filament Eruption of September 29, 1991
21. 1998	New Initiatives in Solar Physics Research, IIA, Bangalore, February 20-21, 1998, Invited Talk: High Resolution Polarimetry
22. 1999	19 th NSO/Sacramento Peak Summer Workshop on "High Resolution Solar Physics: Theory, Observations, and Techniques, Sunspot, New Mexico 88349, USA. Oral Presentation: Complex Chromospheric Loop Activity in a Long Duration Flare. Co Author: High Resolution Longitudinal Magnetic Field Measurements Using a Fabry-Perot Lithium Niobate Filter Based Magnetograph.
23. 2000	IAU Symposium No. 179 on Cyclical Evolution of Solar Magnetic Fields: Advances in Theory and Observations at Kodaikanal during 13-16 December 1999. Oral presentation: Velocity and magnetic field of solar active regions.
24. 2001	The 21st annual meeting of the Astronomical Society of India (ASI) at Inter-University Center for Astronomy and Astrophysics (IUCAA), Pune, Feb 5 - 9, 2002 Poster presentation: 3-D structure of solar active regions.
25. 2002	Probing the Sun with High Resolution - A workshop to commemorate Silver Jubilee of USO, October 16-19, 2001.
26. 2002	From the Gregory-Coudé Telescope to GREGOR: a Development from Past to Future International Workshop, Goettingen, 24-26 July 2002, Oral Presentation: magnetic and velocity field observations of solar active regions.
27. 2003	Fifth Solar-B science meeting (2003 November 12-14, Roppongi, Tokyo, Poster presentation: Asymmetric Stokes-V profiles at the penumbral boundary of a sunspot.