

The details of the following contributions/publications of Dr.S.Aravamudhan have all been linked to the following two web Pages built by the author for convenience of making it available to readers.

http://www.geocities.com/inboxnehu_sa/conference_events_2005.html

http://www.geocities.com/inboxnehu_sa/conference_events_2006.html

Induced Field Distributions in Heterogeneous Samples. XIV International Biophysics Congress, Buenos Aires, Argentina, April 27- May 1,2002, POSTER #22-01.

"Discrete Point-Dipoles within a Semimicro Volume Element:,,,,,,,,,,,,," , S.Aravamudhan, POSTER presentation at the 3rd Alpine Conference on Solid State NMR, Chamonix Mont-Blanc, France, Sept 14-18,2003 Poster No:9

.INDUCED FIELDS AND DEMAGNETIZATION; NUCLEAR SHIELDING AND LINESHAPES IN SOLID STATE NMR, S.Aravamudhan, POSTER Presentation at the Joint event: 17th European Experimental NMR Conference and the 32nd Congress Ampere on Magnetic Resonance and Related phenomena, held at Lille, France during September 6-11, 2004

Disentangling the Bulk Susceptibility Medium-Effects from the Molecular Local Chemical Shift Changes in Heterogeneous Biological Systems, Poster presentation at The XXI International Conference on Magnetic Resonance in Biological Systems ICMRBS and the NMRS2005 held between 16 and 21 January 2005 in Hyderabad, India.

Participated and presented **POSTER P3** "A Consideration of the Enduring Questions for the Possibility of Using Arbitrary Shapes of Specimen for HR PMR Studies in Single Crystalline Solid State" at the 4th Alpine Conference On Solid State NMR *New Concepts and Applications* held in France, Chamonix Mont Blanc, during September 11-15,2005

"Bulk solid specimen shape dependences in the molecular, chemical-shift tensor determinations" Paper presented at the **International Conference on Molecules to Materials** held at SLIET, Longowal, Punjab, INDIA *during March3-6, 2006* **ICMM2006 March 3-6, 2006 Section on Materials for the Furure page 13-18; Article #2.3**

SHAPE DEPENDENT FIELD INHOMOGENEITY OF HOMOGENEOUS SPECIMEN: CONSEQUENCES IN HR PMR IN SOLIDS Poster at THE EUROMAR2006 16-21, July 2006 at YORK, U.K.

Delivered Invited Talks on "From Molecules to materials with HR PMR in Solids" in the Fuel Chemistry Division, Bhabha Atomic Research Center, on 13th January 2006, 11:00AM to 12:30PM ; And at the Department of Chemistry, Indian Institute of Technology, Guwahati on 21st April 2006, 3:30-4:30 PM.

AROMATIC RING CURRENT EFFECTS IN (Macro-) BIOMOLECULES: Prevailing Forms of Equations and the Proposed Use of Tensor Form for the Shielding of Nuclei poster presentation at National Symposium on "RECENT TRENDS IN MOLECULAR AND MEDICAL BIOPHYSICS"- The IBS2005 held during JANUARY 22-25, 2005 at UNIVERSITY OF PUNE Organized by INDIAN BIOPHYSICAL SOCIETY and DEPARTMENT OF PHYSICS, UNIVERSITY OF PUNE IC15

Induced Fields in Magnetized Materials: Calculations and the Uses Abstract Submitted was accepted for ORAL Presentation at the "REGIONAL CONFERENCE ON MATERIALS AND THEIR APPLICATIONS" Organized by and held at Department of Physics, Manipur University, Canchipur, Manipur, India held during FEB 18-19, 2005. Presentation held on the 18th Feb.2005 NS17

Participated and held a lecture at the Seminar on Emerging Trends in Instrumentation on Sept. 26, 2005. Title of Lecture: "**Nuclear Magnetic Resonance Phenomenon Adopts Advances in Instrumentation to Ever emerge as an Indispensible Spectroscopic Technique**" NS18

Poster at National Symposium on Molecules, Interactions and Design, A biophysical perspective-the IBS2006. Poster **POSTER BS019 in the Section on Biological Spectroscopy.**

“Chemical Shift Tensor Determination Entails a Revelation in Condensed Matter Physics” Poster PP-75 at NSC8, Eighth CRSI Symposium on Chemistry, February 3-6, 2006 at IIT/Bombay

Induced Fields in Magnetized Materials: Calculations and the Uses Abstract Submitted was accepted for ORAL Presentation at the "REGIONAL CONFERENCE ON MATERIALS AND THEIR APPLICATIONS" Organized by and held at Department of Physics, Manipur University, Canchipur, Manipur, India held during FEB 18-19, 2005. Presentation held on the 18th Feb.2005 NS17

Poster Presentation at National Seminar on Bioinformatics and Computational Biology organized by The Mahila Maha Vidyalaya, Banaras Hindu University, Varanasi during March 22-24, 2006.

Participated in the UGC Sponsored National Workshop on "COMPUTERS in CHEMISTRY" held at Cotton College, Guwahati from 5-7 June 2006.

The wider implications for Implementing such a project in the specified Location [of North Eastern Hill University/Shillong/Meghalaya] have been described in several articles by this author which are not enlisted in the list of publications enclosed hereby. However most of such wiser implications for social relevance/curricular development/technological know-how transfer etc., are in the linked articles at the web page for the **Innovative Programme** of the UGC: http://www.geocities.com/saravamudhan1944/ugc_inno_proposal.html