

## REGISTRATION FEE

	Before 01-04-2008	After 01-04-2008
<b>Regular Participants</b>	USD 450	USD 500
<b>Students</b>	USD 200	USD 225
<b>Accompanying Members</b>	USD 200	USD 225

For participants the registration fee will cover the Welcome Reception, Conference Proceedings, lunch and tea / coffee during the conference period, the Banquet Dinner, local transport between the hotels and the conference venue and one day tour to OOTY, the Queen of Hills in South India, located 80 kms from the conference venue. For accompanying members the fee will cover the Welcome Reception and the Banquet Dinner.

The second announcement with details of hotel accommodation and the tentative scientific programme will be available by the end of December 2007.

## ORGANIZATION

### INTERNATIONAL ADVISORY COMMITTEE

* Roger Frech	USA	* W Weppner	Germany
* S Greenbaum	USA	* S Skaarup	Denmark
* A Manthiram	USA	* S Badwal	Australia
* John Furneaux	USA	* Maria Forsyth	Australia
* S Ram Babu	USA	* BVR Chowdari	Singapore
* Dale Teeters	USA	* GV Subba Rao	Singapore
* D Brinkman	Switzerland	* Wenji Wang	China
* P G Bruce	UK	* A K Arof	Malaysia
* A R West	UK	* S Prabaharan	Malaysia
* R G Linford	UK	* M Yahaya	Malaysia
* M Armand	France	* H L Yoo	Korea
* Y Sanchez	France	* O Yamamoto	Japan
* J L Souquet	France	* Yoshimura	Japan
* B E Mellander	Sweden	* T Hattori	Japan
* W Anderson	Sweden	* J Kawamura	Japan
* C Granquist	Sweden	* M A Careem	Sri Lanka
		* MAKL Dissananyake	Sri Lanka

### PATRONS

- \* Prof. Dr. G. Thiruvasagam  
Vice Chancellor, Bharathiar University
- \* Shri M. Natarajan, DRDO
- \* Dr. A. Sivathanu Pillai, DRDO
- \* Dr. W. Selvamurthy, DRDO

## LOCAL ADVISORY COMMITTEE

- \* Shri. M. Natarajan, DRDO
- \* Dr. T. Ramasami, Director General, CSIR, Director, DST
- \* Dr. P. P. Chandrachoodan, BRNS
- \* Dr. P. Thirumalvalavan, Registrar, BU
- \* Prof. S. Chandra, BHU, Varanasi
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- \* Dr. M. Jeyachandran, CECRI, Karaikudi
- \* Dr. T. Vasudevan, CECRI, Karaikudi

### ORGANIZING COMMITTEE

- \* Dr. S. Balasubramanian (Chairman)  
Director, BU-DRDO CLS
- \* Prof. S. Selvasekarapandian (Convenor)
- \* Prof. Dr. Kamalasingh (Co-Convenor),  
Vice Chancellor, Amravati University
- \* Dr. Ajit R. Kulkarni (Co-Convenor),  
Indian Institute of Technology, Mumbai
- \* Prof. D. Mangalaraj
- \* Dr. D. Nataraj

### CORRESPONDENCE

Dr. S. Selvasekarapandian  
Convenor, ACCSI - II  
BU-DRDO Centre for Life Sciences  
Bharathiar University, Coimbatore - 641 016.  
Tamil Nadu, India. E-mail : [acssi11@gmail.com](mailto:acssi11@gmail.com)

## FIRST ANNOUNCEMENT

## & CALL FOR PAPERS

# 11<sup>TH</sup>

## ASIAN CONFERENCE ON SOLID STATE IONICS

9<sup>th</sup> - 13<sup>th</sup> JUNE, 2008

### VENUE : BU-DRDO CENTRE FOR LIFE SCIENCES

Bharathiar University,  
Coimbatore - 641 046. Tamil Nadu, India

### ORGANISED BY

#### BU-DRDO Centre for Life Sciences

(A Joint venture of  
Defence Research and  
Development Organisation,  
Ministry of Defence and  
Bharathiar University)

for

Asian Society for Solid State Ionics (ASSSIS)

### SPONSORED BY

Defence Research and Development Organisation (DRDO)

International Centre for Theoretical Physics (ICTP)

Council for Scientific and Industrial Research (CSIR)

Department of Science and Technology (DST)

Board of Research in Nuclear Sciences (BRNS)



## SCOPE

Solid State Ionics is a growing inter-disciplinary branch of science and technology. It deals with ionically conducting materials in the form of inorganic solids, ceramics, glasses, polymers and composites and nano structures with applications in solid state devices such as solid state and polymer batteries, fuel cells, electrochromic displays, sensors and other electrochemical devices.

### Specific areas to be covered are

Synthesis, characterization and applications of ionically conducting materials such as inorganic crystalline solids, ceramics, glasses, polymers, gels, composites and nanostructures.

- Cathode / Anode materials and interfaces
- Electronically Conducting Polymers
- Ion dynamics and Theoretical modeling
- Nano materials and devices
- Advanced Biomaterials
- Electrochemical devices: Batteries, Fuel Cells, Sensors, Solar Cells, Supercapacitors, Electrochromic Displays and Molecular Electronic Devices

The conference will provide an international forum for scientists, engineers and technologists to discuss the latest developments and share knowledge in the discipline of solid state ionics, encourage young research scholars and promote the collaboration among the solid state ionics.

## ABOUT THE UNIVERSITY



Bharathiar University was established during the year 1982. It is an affiliated type University covering three districts namely Coimbatore, Erode and Ooty. It has got 105 affiliated colleges. Recently, The Defence Research & Development Organisation (DRDO) of India has joined hands with Bharathiar University to form BU-DRDO Centre for Life Sciences in the campus of Bharathiar University.

BU-DRDO Centre for Life Sciences was inaugurated by His Excellency, Dr. A.P.J. Abdul Kalam, The President of India in the presence of His Excellency Dr. S. Surjit Singh Barnala, Governor of Tamil Nadu and Chancellor of the University on July 6, 2005 at Bharathiar University. The focus of the centre is to carry out Research and Development activities in the field of Life Sciences, aimed at meeting needs of the Indian Defence Sector. There are three divisions, Physics, Environmental Sciences and Biotechnology Division. One section of Physics division of BU-DRDO CLS is developing superionic conductors meant for devices like fuel cell, battery and biosensor.



## CALL FOR ABSTRACTS AND PAPERS

### ABSTRACTS

Those who wish to participate should submit a one-page abstract not exceeding 300 words in MS Word format as an e-mail attachment to [acssi11@gmail.com](mailto:acssi11@gmail.com) before 30<sup>th</sup> January 2008.

At least one author of each abstract should register for the conference.

### PAPERS

Manuscripts should also be submitted electronically in MS Word format as an e-mail attachment to [acssi11@gmail.com](mailto:acssi11@gmail.com) before 15<sup>th</sup> March 2008.

All accepted papers will be published as conference proceedings or in a special issue of a reputed journal.

## IMPORTANT DATES / DEADLINES

Abstracts due	: 30 <sup>th</sup> January 2008
Notice of Acceptance	: 10 <sup>th</sup> February 2008
Manuscripts due	: 15 <sup>th</sup> March 2008
Registration	: 1 <sup>st</sup> April 2008
Late Registration	: 30 <sup>th</sup> April 2008

## PRE-REGISTRATION FROM

### 11<sup>th</sup> Asian Conference on Solid State Ionics (9<sup>th</sup> -13<sup>th</sup> June, 2008)

(Photocopies of this form are also accepted. This form can be sent by mail or fax or submitted electronically as an e-mail attachment.)

NAME :

Prof. / Dr./ Mr. / Ms. ....

Phone : .....

Fax : .....

E-Mail : .....

- I wish to receive the second announcement
- I wish to attend the conference
- I intend to submit a paper for oral / poster presentation

Tentative title of my presentation will be .....

Date

Signature

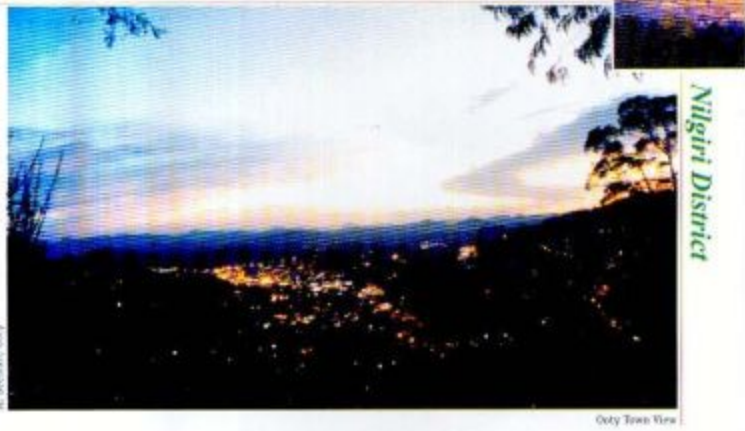
Please send the completed form to :

Dr. S. Selvasakarapandian  
Convener, ACSII - II  
BU-DRDO Centre for Life Sciences  
Bharathiar University, Coimbatore - 641 016,  
Tamil Nadu, India. E-mail : [acssi11@gmail.com](mailto:acssi11@gmail.com)

**Udhagamandalam (Ooty)**

Welcome to Nilgiris one of the oldest mountain ranges, older than the Himalayas, located at the tri-junction of Tamil Nadu, Kerala and Karnataka. Nilgiris is a part of the Western Ghats. Ooty the "Queen of Hill Stations", Coonoor 19 kms from Ooty and Kotagiri 31 kms from Ooty, are the three hill stations of this district.

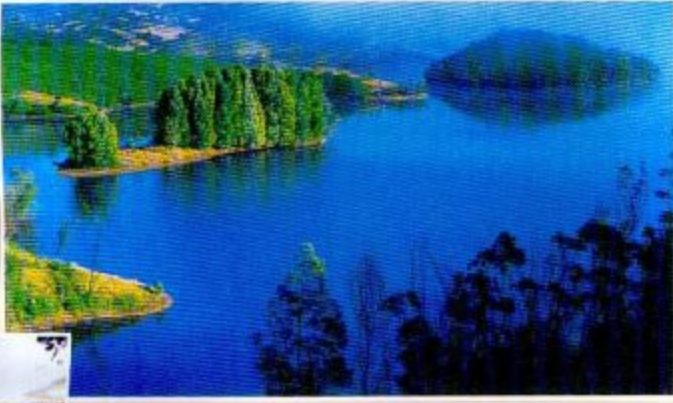
Nilgiris is India's first biosphere. It has been declared as one of the 14 'hotspots' of the world because of its unique biodiversity.



A. Bhanuvar, Ooty

Nilgiri District

Ooty Town View



Rolling grasslands, dense sholas, waterfalls, streams, lakes, vast expanse of tea plantations, interspersed with vegetable gardens, spectacular view points, an amazing variety of flora and fauna, fabulous trekking trails, innumerable heritage sites, spell binding sunrises and sunsets, magical light, pollution free atmosphere, mist, clouds, fog, star studded skies, serenity.

Nilgiris presents a truly breathtaking kaleidoscope of visual treats and soul stirring experiences. Come, discover it!

**Government Botanical Garden**

This garden was laid out in 1897 by the Marquis of Tweeddale and is spread over 55 acres. Lush green well maintained lawns, rare tree species (like the cork tree which is probably the only such tree in India, the paper bark tree and the monkey puzzle tree-monkeys cannot climb this tree), a 20 million year old fossilized tree, an Italian-style garden bordering a clear pool, a vast variety of flowering bushes and plants in myriad hues (exotic and ornamental), fern house with a vast range of ferns and orchids, are some of the many highlights of this garden. A flower show along with an exhibition of rare plant species is held every year in the month of May at this garden. Best time of the year to visit: April, May & Sept.



Gardens

Government Botanical Garden

**Rose Garden**

Situated in the heart of Ooty town, this garden has been beautifully laid out in terraces with rose tunnels, pergolas and bowers with rose creepers. It was set up in the year 1995 to commemorate the 100th flower show of the Botanical Garden. Today, this garden has the largest collection of roses in the country. Hybrid Tea Roses, miniature roses, Floribunda, Ramblers, roses of unusual colours like black and green are some of the more than 2,500 varieties of roses that will captivate your senses.

Best time of the year to Visit: April & May.



Rose Garden



### **Avalanche**

Travel 28 kms from Ooty town past the Emerald lake surrounded by undisturbed forest and you have reached Avalanche. In many places here, the sholas are so thick that even sunlight cannot penetrate. Avalanche is home to a wide variety of birds in great abundance. Spotting and identifying them can be a very rewarding experience for bird lovers. It is also popular with angling enthusiasts for trouts. The sholas here are a heaven for rare temperate Orchids.

### **Longwood Shola**

The Longwood shola is the source of pure sparkling water for the people living in Kotagiri town. This shola is an integral part of the very fragile Nilgiri eco-system. The preservation of this shola forest is very vital. The micro climatic conditions here contributes to making Kotagiri one of the ideal climatic locations in the world. There is a very picturesque trekking path which goes through this serene shola.



### **Mudumalai Wildlife Sanctuary**

This is the first Sanctuary to be set up in India and forms part of the Jawaharlal Nehru National Park. It is located 36 kms from Ooty via Kalhatty and 67 kms via Gudalur. From Mysore it is 91 kms away. This Sanctuary extends over an area of 321 sq. kms in the junction of the three states of Tamil Nadu, Karnataka and Kerala. It is at an elevation of 1,140 mtrs. A variety of habitat ranging from tropical evergreen forest, moist deciduous forest, moist teak forest, dry teak forest, secondary grasslands and swamps are found here.

It is rich in wildlife, like Elephants, Gaur, Tiger, Panther, Spotted Deer, Barking Deer, Wild Boar, Porcupine etc., birds like-Minivets, Hornbill, Fairy Blue Birds, Jungle Fowls etc., and reptiles like Python, Monitor Lizards Flying Lizards etc. You can take a ride into the jungle on elephant back or take a vehicle ride along designated visitor's route inside the jungle. The elephant rides have to be booked at Ooty.

The Mayor river and the life around it is an experience by itself. The Theppakadu elephant camp is s popular tourist attraction.

For more information on how to get to these places and where to stay, contact the Wildlife Warden's Office, the DFO's office Udthagamandalam and the office of the Nilgiri Wildlife and Environment Association.

The Wilderness

### **Ooty Lake**

This artificial lake was constructed in 1824 by Mr. John Sullivan, the first Collector of Ooty. It is a popular tourist spot in these Blue Mountains. You can go boating between 9 am and 6pm on all days in this lake. A wide range of boats are available at the Boat House to suit varied tastes and budgets. A Mini Garden with an amusement park for children and a toy train are added attractions here.



### **Pykara**

The Pykara lake is about 21 kms from Ooty on the Ooty Mysore road. Boating on the Pykara lake is enjoyable. A restaurant is also available. Wenlock Downs, a vast expanse of grassy meadow on way to Pykara, is a favourite picnic location and is very popular with the movie makers of this country.

### **Snooker**

Snooker was invented in the Nilgiris at the Ooty Club. Today, apart from the Ooty Club, Coonoor Club, Gymkhana Club, the Lawley Institute and the bigger hotels, there are quite a few snooker parlours in town offering good entertainment.

Other Areas Of Interest

### **Fishing**

Trout fishing is available in Avalanche and Sandinallah lakes with prior permission from the Fisheries Department, located near the Ooty Bus stand.

