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IMPORTANT DATES

First announcement

6th June, 2011

Deadline for submission of abstract

9th January 2012

Early bird registration ends

16th January 2012

Conference

17-19th February 2012

CONFERENCE SECRETARIAT

NBU Bioinformatics Facility

DRS Department of Botany

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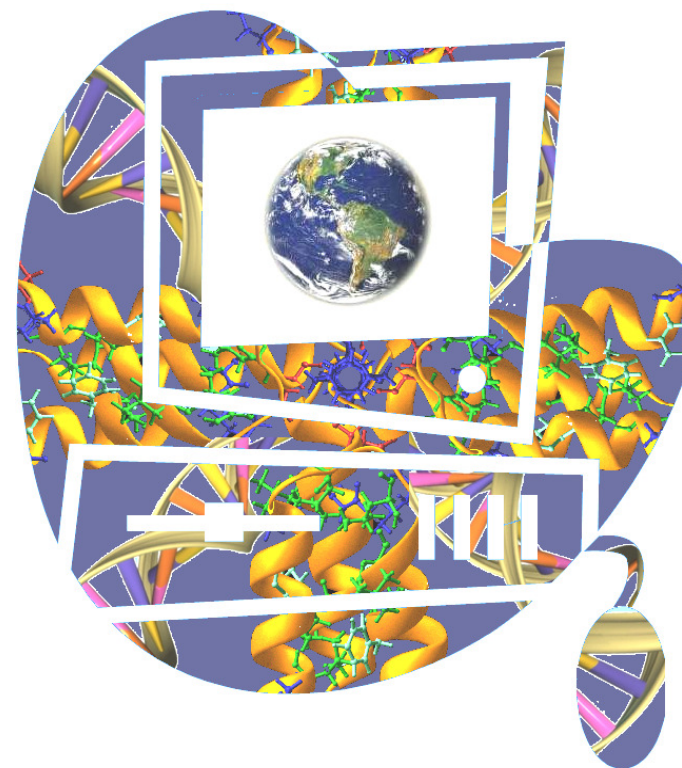
Dr. SC Roy, Cell: 09434140841

BBCon2012

NATIONAL CONFERENCE ON Biology and Bioinformatics of Economically Important Plants and Microbes

SILIGURI • DARJEELING • INDIA

February 17-19 2012



Jointly organized by

BIOINFORMATICS FACILITY • DRS DEPARTMENT OF BOTANY

UNIVERSITY OF NORTH BENGAL

PREAMBLE

Bioinformatics is fast emerging as an important discipline for academic research and industrial applications. Research and development in bioinformatics and computational biology requires the co-operation of specialized personal from the field of general biology, Computer science, Statistics etc. The overall goal of the subject is to elucidate cell function physiology from a comprehensive set of measurements. Various computational methods are being widely used to address a broad spectrum of problems including the research development and management of economically important plants and microbes

The importance of research in the field of economically important plants especially medicinal plants and plants for herbal products and cosmetics and whole lot of bacterial community used for biotechnological purposes for the production of medicines and vaccines etc. are much more relevant today than the last century. Keeping this in view, the present conference is aimed at gathering scientists from various disciplines for fruitful discussion and recommendation on the research and management of economically important plants and microbes through techniques of bioinformatics and general biology.

VENUE

The University of North Bengal is located in the backdrop of the of gorgeous Mt. Kanchenjanga of the Eastern Himalaya. The lush green campus with natural surroundings, tea gardens, glacier-fed Teesta, open sky, chirping of birds and twinkling of millions of fire-flies.

HOW TO REACH

Siliguri is well connected by rail, road and air. The nearest railway station, New Jalpaiguri (station code NJP), is connected virtually from all parts of the country. The nearest International airport is Bagdogra (airport code IXB, only 3Km from the venue). There are direct flights from Delhi, Kolkata (Calcutta), Chennai (Madras), Mumbai (Bombay) and Guwahati (Gauhati) to Bagdogra. Internationally, the airport is connected with Bangkok, Dhaka and Paro. Most of the national carriers like AirIndia, Jet Airways, Kingfisher Airlines, Spicejet and GoAir and International carrier like DrukAir operate from here. For those coming from nearby states, bus services to Siliguri are also available in plenty.

Taxis are available from airport, railway station and bus stop.

REGISTRATION FEE

Type	Early bird	Spot
Academia	₹1,000/-	₹1,100/-
Student and RS	₹700/-	₹800/-
Industry and others	₹3,000/-	₹3,000/-
Accompanying person	₹700/-	₹700/-

Registration fee will include Ticket to Inaugural function, Conference kit, breakfast, lunch, dinner, afternoon tea and a grand cultural program followed by gala dinner.

The Demand Draft may be drawn in favor of '**Chairman, BBCon2012**', payable at Siliguri.

ACCOMMODATION

Accommodation may be arranged in the University Guest House as well as in the nearby Luxury and budget hotels. Hotel tariff starts form ₹700/- plus tax per room per night. Please note that Guest House accommodation will be available on first come first serve basis.

CLIMATE

The day temperature at Siliguri in February is usually $12\pm 5^{\circ}\text{C}$. Sufficient woolen clothing will be required.

TECHNICAL SESSION

Areas of presentation

- Sustainable utilization of plant and microbial resource
- Physiology and Biochemistry of medicinal plants
- Taxonomy of economically important plants and microbes
- Plant growth promoting rhizobacteria.
- Biology and bioinformatics of diazotrophs
- Genomics and Proteomics
- Structural Bioinformatics
- Data Mining and Machine Learning
- Systems Biology
- Model Design and Evaluation
- Next Generation Sequencing
- Pharmaceutical Applications
- Immuno- and Chemo-informatics
- Transcriptomics

Abstract preparation

An abstract must not exceed 250 words. In case of more than one author, please bold the name of the author who would present the paper.

Submission and acceptance of abstract

Please send your abstract to the Organizing Secretary through e-mail: botany@nbu.ac.in or senarnab_nbu@hotmail.com. Participants will be informed about the acceptance of their abstract within 2 weeks after submission.

Instruction for oral presentation

In a technical session a speaker will be given 15 minutes for presentation followed by 5 minutes discussion. Facilities for multimedia presentation and overhead projection will be available. Presenters are advised to take necessary measures to avoid software related incompatibility problem.

Instruction for poster presentation

The poster boards measures 120cm high and 90cm wide and will accept thumb tacks. Fonts should be large enough to be viewed from a distance of 90cm. Materials for mounting posters will be made available by the organizers.

