



**Organizing Chair:**  
**Dr. Kamalika Datta**

**Co-Organizing Chair:**  
**Dr. Rajarshi Ray**

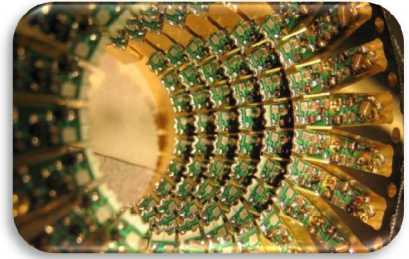
**REGISTRATION FEE**  
**Rs. 500/- (Students)**  
**Rs. 1000/- (Faculty)**  
**Rs. 2500/- (Industry)**

**LAST DATE OF**  
**REGISTRATION**  
**10<sup>th</sup> February, 2015**

**Please send the**  
**demand draft to**  
**the address**  
**provided under**  
**“contact details”**

***Date: 19<sup>th</sup> – 20<sup>th</sup>***  
***March, 2015***

## Workshop on Research Challenges in Reversible and Quantum Computing



### **Venue:**

*National Institute of Technology Meghalaya  
Bijni Complex, Laitumkhrach  
Shillong - 793003, Meghalaya, India*

**Date: 19<sup>th</sup> – 20<sup>th</sup> March, 2015**

### **About Workshop**

Research in reversible and quantum computing has picked up momentum over the last decade with growing emphasis on low power design methodologies and the possible emergence of quantum computers in not-so-distant-future. Reversible computing has been projected as one of the alternatives to address these problems. The main objective of the workshop will be to expose the audience to state-of-the-art synthesis, optimization and verification works that have been carried out in the area. It is also expected to guide students and researchers interested to pursue a research career in this area, by providing possible research directions. There will also be an open-ended interaction session where research opportunities in this area shall be discussed and the audience can directly interact with the experts in the field.

### **List of Speakers**

**Prof. Bhargav B. Bhattacharya**  
ISI, Kolkata, India

**Dr. Robert Wille**  
University of Bremen, Germany

**Prof. Hafizur Rahaman**  
IEST, Shibpur, India

**Prof. Indranil Sengupta**  
IIT, Kharagpur, India

**Dr. Amlan Chakrabarti**  
University of Calcutta, India

**Dr. Kamalika Datta**  
NIT Meghalaya, India

### **Contact Details:**

***Dr. Kamalika Datta***  
***Assistant Professor***  
***Department of Computer Science and Engineering***

***National Institute of Technology Meghalaya***  
***Bijni Complex, Laitumkhrach***  
***Shillong – 793003, Meghalaya, India***

***Email: reversibleworkshopatnitm@gmail.com***



*Organizing Chair:*  
**Dr. Kamalika Datta**

*Co-Organizing Chair:*  
**Dr. Rajarshi Ray**

**REGISTRATION FEE**  
Rs. 500/- (Students)  
Rs. 1000/- (Faculty)  
Rs. 2500/- (Industry)

**LAST DATE OF  
REGISTRATION**  
10<sup>th</sup> February, 2015

**Please send the  
demand draft to  
the address  
provided in the  
“contact details”**

**Date: 19<sup>th</sup> – 20<sup>th</sup>  
March, 2015**

## Registration Details

**Payment can be made either by demand draft or by bank transfer. Please send the demand draft using this account information to the address provided under “contact details”:**

### **Demand draft:**

**A/C name/In favour of:**

NIT MEGHALAYA CSE WORKSHOP AND CONFERENCE

**Payable at:**

Shillong

### **Bank transfer:**

**A/C No:**

23730110009260

**IFSC:**

UCBA0002373

**Bank name:**

UCO BANK

**Branch:**

Laitumkhrah

## Who should attend?

Students and academicians who are already working or interested to take up a research career in reversible and quantum computing. Participants from the industry can also benefit from the knowledge of this very important emerging technology.

## Accommodation

Accommodation can only be provided upon request, in hotels and student hostels on payment basis and availability.

## Contact Details:

**Dr. Kamalika Datta**

**Department of Computer Science and Engineering**

**National Institute of Technology Meghalaya**

**Bijni Complex, Laitumkhrah**

**Shillong – 793003, Meghalaya, India**

**Email: [reversibleworkshopatnitm@gmail.com](mailto:reversibleworkshopatnitm@gmail.com)**