

**Fifth International Conference on  
Application of Radiotracers and Energetic Beams in Sciences**



Organised by: Sidho-Kanho-Birsha University, Purulia, India in Cooperation with International Atomic Energy Agency  
*January 31 - February 05, 2023*

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| <b>Session 1-3:</b>                                  | <b>Main Symposium</b>  |
| <b>Session 4 – 7 and<br/>Poster Presentation 1:</b>  | <b>Mini Symposium on Earth and<br/>Environmental Science</b> |
| <b>Session 8 – 18 and<br/>Poster Presentation 2:</b> | <b>Main Symposium</b>  |

## Detail Technical Program

### **Day-1 (31-Jan-2023)**

**10:00 – onwards**

**Registration**

**Session 1 Inauguration**

**Chair: Dipak Kumar Kar, India**

14:00 – 14:05

Welcoming the guests

14:05 – 14:10

Felicitation of the guests

14.10 – 14:15

Guests leave the podium and preparation of stage

14:15 – 14:20

Greetings to ARCEBS: Dr. Najat Mokhtar,  
Deputy Director General, IAEA

14:20 – 14:30

About ARCEBS: Susanta Lahiri, Chairperson, ARCEBS 2023

14.30 – 14:40

About ARCEBS: Christoph E. Düellmann, Germany

14.40 – 14:50

Address by the chief guest, Bikash Sinha, INSA Senior Scientist

14:50 – 15:00

Inaugural address and formal inauguration of the conference –  
Dipak Kumar Kar, Vice Chancellor, SKBU

15:00 – 15:05

Release of Book of extended abstract book and souvenir  
Dipak Kumar Kar, Vice Chancellor, SKBU

15:05 – 15:15

Vote of Thanks, Chiranjib Barman, Convenor, ARCEBS 2023

**15.15 – 16:00**

**Tea Break & Tree plantation**

**Session 2**

**Chair: Susanta Lahiri, India**

16:00 – 16:40

Keynote lecture -I: A. Chatt, Canada

16:40 – 17:20

Keynote lecture -2: Meera Venkatesh, Former Director,  
Division of Physical and Chemical Sciences, IAEA

**17:20 – 18:40**

**High Tea and Cultural Program** by the students of SKBU

## **Day-2 (01-February, 2023)**

### **Session 3: Chair: Meera Venkatesh, India**

11:00 – 11:40

Keynote lecture -3: Bikash Sinha, India

### **11:40 – 12:00 Tea/Coffee Break**

### **Session 4: Chair: Biswanath Mukherjee, India**

12:00 – 12:40

Keynote lecture-4: Hans Clemens Walther, Germany

12:40 – 13:10

Invited talk: Debasis Ghose, India

### **13:10 – 14:15 Lunch**

### **Session 5 Chair: Debasis Ghose, India**

14:15- 14:45

Invited talk: Sandip Mukhopadhyay, India

14:45 - 15:15

Invited talk: Kaushik Gangopadhyay, India

### **Session 6 Chair: Robin de Kruijff, The Netherlands**

15:15 – 15:30

Contributed paper (Saheli Chowdhury, ID-24)

15:30 – 15:45

Contributed paper (Ankita Dawn, ID-27)

15:45 – 16:00

Contributed paper (T. Thuamthansanga, ID-33)

16:00 - 16:15

Contributed paper (Neeraj Chauhan, ID-46)

16:15 - 16:30

Contributed paper (Neeraja N, ID-54)

16:30 – 16:45

Contributed paper (Tanushree Panigrahi, ID-57)

16:45 – 17:00

Contributed paper (Sushanta Sutradhar, ID-62)

17:00-18:30

### **POSTER PRESENTATION -1**

**(Tea/Coffee will be served during poster presentation)**

S. Srikanth (ID-4),

Reetta Sara George (ID-14),

M. Suhail Ahmed (ID-19),

B. Santhanabharathi (ID-20)

K. Pradhoshini (ID-21)

M. Priyadarshini (ID-22)

Vishnu C V (ID-26)

M. Shafeeka Parveen (ID-51)

Sayantan Mitra (ID-52)

Joydeep Mukherjee (ID-64)

Neeraj Chauhan (ID-77)

Sushanta Ku Sahoo (ID-84)

### **19:15 – 21:30 Conference Dinner**

### **Day-3 (02-February, 2023)**

#### **Session 7**

**Chair: Kaushik Gangopadhyay, India**

09:30 -10:00

Invited talk: Nabanita Naskar, India

10:00 -10:30

Invited talk: Supriyo Kumar Das, India

10:30 -11:00

Invited talk: Debabrata Das, India

#### **11:00-11:15**

**Tea/Coffee break**

#### **Session 8**

**Chair: Michael Block, Germany**

11:15-11:45

Invited talk: Christoph E Dülmann

11:45-12:15

Invited talk: Tetsuya K. Sato

12:15 -12:30

Contributed paper (Roman Mukhin, ID-11)

12:30 –12:45

Contributed paper (Tilak Kumar Ghosh, ID-10)

#### **12:45-13:45**

**Lunch break**

#### **Session 9**

**Chair: H. Haba, Japan**

13:45 – 14:00

Contributed paper (Naveen Kumar, ID-13)

14:00 – 14:15

Contributed paper (Shalmali Basu, ID-18)

14:15 – 14:30

Contributed paper (Mia Au, ID-30)

14:30 – 14:45

Contributed paper (Enakshi Senapati, ID-31)

14:45 – 15:00

Contributed paper (Keerthana Kamalakannan, ID-34)

15:00 – 15:15

Contributed paper (Biswajit Jana, ID-43)

#### **15:15 – 15:45**

**Tea/Coffee break**

#### **Session 10**

**Chair: Sandeep S. Ghugre, India**

15:45 – 16:15

Invited talk: Hannah A Affum, IAEA

16:15 - 16:45

Invited talk: Md Mohi Uddin, Bangladesh

16:45 – 17:15

Invited talk: Mayeen Uddin Khandaker, Malaysia

#### **17:15-18:30**

**POSTER PRESENTATION - 2**

Ashwani Kumar (ID-6)

Sayantani Mitra (ID-7)

G.V.S Ashok Kumar (ID-75)

Tanhaji S Ghodke (ID-32)

Sayan Das (ID-39)

Surender (ID-45)

Dalip Singh Verma (ID-55)

Puja Samanta (ID-63)

Manish Chand (ID-65)

Monika Goyal (ID-69)

D. Kanjilal (ID-71)

J.S. Brahmaji Rao (ID-76)

Debasish Saha (ID-78)

Sabrina Shaikh (ID-83)

Eric E. Sullivan (ID-89)

## **Day 4 (03-February, 2023)**

### **Session 11**

09:30 -10:00

10:00 -10:30

10:30 -11:00

11:00 – 11:15

11:15 – 11:30

### **Chair: Tapas Das, India**

Invited talk: Flavia Groppi, Italy

Invited talk: Ferid Haddad, France

Invited talk: Robin de Kruijff, The Netherlands

Contributed paper (N. Sakhare, ID-28)

Contributed paper (Kaushiki Ghosh, ID-15)

**11:30 – 12:00**

### **Tea/Coffee break**

### **Session 12**

12:00 -12:30

12:30 -13:00

13:00 –13:30

### **Chair: Christoph E Dülmann, Germany**

Invited talk: Michael Block

Invited talk: Jochen Ballof, USA

Invited talk: Reinhard Heinke, CERN

**13:30 – 14:30**

### **Lunch**

### **Session 13**

14:30 -15:00

15:00 – 15:30

15:30 – 16:00

16:00 – 16:15

16:15 – 16:30

### **Chair: Ardhendu Sekhar Patra**

Invited talk: Gopal Mukherjee, India

Invited talk: B.P. Singh, India

Invited talk: Sandeep S. Ghurgre, India

Contributed paper (D. Banerjee, ID-72)

Contributed paper (D. Maji, ID-73)

**16:30 – 19:00**

### **Visit to Village Chorda, (Village of Masks)**



**Day-5 (04-February, 2023)**

**Session 14**

**Chair: Férid Haddad, France**

09:30 -10:00

Invited talk: Hiromitsu Haba, Japan

10:00 –10:30

Invited talk: Tapas Das, India

10:30 –11:00

Invited talk: Gaia Pupillo, Italy

11:00 –11:30

Invited talk: Stefano Corradetti, Italy

**11:30 -12:00**

**Tea/Coffee break**

**Session 15**

**Chair: Sukalyan Basu, India**

12.00-12.30

Invited talk: B. S. Tomar, India

12:30-13:00

Invited talk: Alok Srivastava, India

**13:00 – 18:00**

**DISCOVER AJODHYA: A tour around Ajodhya Hills**

**Packet Lunch will be served in the tourist spot**



## **Day-6 (05-February, 2023)**

### **Session 16:**

**Chair: Alok Srivastava, India**

09:30 – 10:00	Invited talk: Bhupinder Singh, India
10:00 – 10:15	Contributed paper (Sayantani Mitra, ID-02)
10:15 – 10:30	Contributed paper (Haifa Ben Abdelouahed, ID-35)
10:30 – 10:45	Contributed paper (Ali Taheri, ID-36)
10:45 – 11:00	Contributed paper (Yudai Shigekawa, ID-38)
11:00 – 11:15	Contributed paper (Manoj Srivastava, ID-50)
11:15 – 11:30	Contributed paper (Nitin Sharma, ID-56)
11:30 – 11:45	Contributed paper (Sumana Mukherjee, ID-58)

### **11:45-12:00**

**Tea/Coffee break**

### **Session 17**

**Chair: Stefano Corradetti, Italy**

12:00 – 12:15	Contributed paper (J. Datta, ID-40)
12:15 – 12:30	Contributed paper (Sk. Wasim Raja, ID-66)
12:30 – 12:45	Contributed paper (Pankaj K. Giri, ID-17)
12:45 – 13:00	Contributed paper (J. Vithya, ID-79)
13:00 – 13:15	Contributed paper (S. Sriram, ID-87)
13:15 – 13:30	Contributed paper (Sharmi Mukherjee, ID-92)

### **13:30 – 14:30**

**Lunch**

### **Session 18**

**Chair: Dipak Kumar Kar**

15:00 – 15:30	Panel Discussion
15:30 – 16:00	Valedictory Function

**Tea/Coffee**

**See You in ARCEBS 2026**