

NATIONAL ADVISORY COMMITTEE

Basu Sekhar	(DAE, Mumbai)
Badwe Rajendra	(TMC, Mumbai)
Bhaduri A K	(IGCAR, Kalpakkam)
Chaturvedi S	(IPR, Gandhinagar)
Ganesh G	(BRIT, Mumbai)
Joshi S C	(RRCAT, Indore)
Kanjilal D	(IUAC, New Delhi)
Mohanty A K	(SINP, Kolkata)
Naik P A	(RRCAT, Indore)
Panda S	(IOP, Bhubaneswar)
Roy Amitava	(VECC, Kolkata)
Roy S B	(RRCAT, Indore)
Sangeeta	(BRNS, Mumbai)
Sinha A K	(UGC-DAE-CSR)
Trivedi Sandip	(TIFR, Mumbai)
Vyas K N	(BARC, Mumbai)

NATIONAL ORGANIZING COMMITTEE

Bhagwat P V	(BARC, Mumbai)	
Bhaskaran R	(IGCAR, Kalpakkam)	
Bajpai P K	(GGU, Bilaspur)	
Chopra Sundeep	(IUAC, New Delhi)	
Dalal D K	(BRNS, Mumbai)	
Dwivedi Jishnu	(RRCAT, Indore)	
Fatnani P	(RRCAT, Indore)	
Gupta Shrikrishna	(BARC, Mumbai)	
Ghodke A D	(RRCAT, Indore)	
Joshi S C	(RRCAT, Indore)	Chairman
Krishnagopal S	(BARC, Mumbai)	
Kush P K	(RRCAT, Indore)	
Lad Mahendra	(RRCAT, Indore)	Convener
Mundra G	(RRCAT, Indore)	
Nabhiraj P Y	(VECC, Kolkata)	
Nathwani R K	(RRCAT, Indore)	Treasurer
Pillay R G	(TIFR, Indore)	
Puntambekar T A	(RRCAT, Indore)	
Puntambekar A M	(RRCAT, Indore)	
Rawat Anil	(RRCAT, Indore)	
Senecha V K	(RRCAT, Indore)	Secretary
Shinde R S	(RRCAT, Indore)	
Shrivastava P	(RRCAT, Indore)	
Som Sumit	(VECC, Kolkata)	
Sridhar R	(RRCAT, Indore)	
Thakurta A C	(RRCAT, Indore)	
Tiwari S R	(RRCAT, Indore)	

LOCAL ORGANIZING COMMITTEE

Joshi S C	(RRCAT)	Chairman
Lad Mahendra	(RRCAT)	Convener
Senecha V K	(RRCAT)	Secretary

Scientific Programme Committee

Vinit Kumar	RRCAT	Convener
Akhilesh Jain	RRCAT	
Mangesh Borage	RRCAT	
D P Yadav	RRCAT	
P Y Nabhiraj	VECC	
Shubhendu Ghosh	IUAC	
Vikas Jain	RRCAT	
Subrat Das	RRCAT	
Rishi Pal Yadav	RRCAT	
T Reghu	RRCAT	
Riyasat Hussain	RRCAT	
Rupul Ghosh	RRCAT	
S V L S Rao	BARC	
G.Haridas	RRCAT	
Surendra Yadav	RRCAT	

Registration Committee

Pravin Fatnani	RRCAT	Convener
Anil Holikatti	RRCAT	
Amit Chauhan	RRCAT	
Parul Arora	RRCAT	
Kriti Pathak	RRCAT	
Rinky Dhingra	RRCAT	

Accommodation & Transport Committee

Sanjay Chouksey	RRCAT	Convener
P S Bagduwal	RRCAT	
Vikas	RRCAT	
A S Padiyar	RRCAT	
Vinod Gaud	RRCAT	
Raju John	RRCAT	
AO III	RRCAT	
APOGA1	RRCAT	

Hospitality Committee

R Sridhar	RRCAT	Convener
M K Badapanda	RRCAT	
Piyush Saxena	RRCAT	
Navneet Sharma	RRCAT	
Yogesh Kelkar	RRCAT	
Aakash Deep	RRCAT	
T Ahmad	RRCAT	

Exhibition Committee

G.Parchani	RRCAT	Convener
Prashant Khare	RRCAT	
Apollo Kasliwal	RRCAT	
Ashish Tiwari	RRCAT	
Prashant Pareek	RRCAT	
Prateek Bhatanagar	RRCAT	
Akhilesh Karnewar	RRCAT	
S C Patidar	RRCAT	

Printing & Publication Committee

A Puntambekar	RRCAT	Convener
Vilas Sathe	RRCAT	
Amalendu Sharma	RRCAT	
Pravin Mohania	RRCAT	

Souvenir Committee

Nitesh Tiwari	RRCAT	Convener
Nilesh Bhange	RRCAT	
Alok Singh	RRCAT	
Rajnish Kumar	RRCAT	

Web Committee

Alpana Rajan	RRCAT	Convener
S Raghavendra	RRCAT	
Rajiv Kumar Arora	RRCAT	
Swati Chowdhary	RRCAT	
Manish Manyal	RRCAT	

Auditorium Committee

G.Mundra	RRCAT	Convener
M.R.Jathar	RRCAT	
Hemant Chitre	RRCAT	
Anil Patil	RRCAT	
D.S. Mishra, DCSO	RRCAT	
Neeraj Kumar, CISF	RRCAT	

Communication and Net Access Committee

Titendra Patil	RRCAT	Convener
Somesh Soni	RRCAT	
K. K. Bachhil	RRCAT	
Avinendra Kumar	RRCAT	
Amit Namdeo	RRCAT	

Accounts & Expenditure Committee

Rakesh Nathwani	RRCAT	Convener
AAO (Salary)	RRCAT	
Shri Shashi Advani	RRCAT	

Information & Communication Committee

Rakesh Nathwani	RRCAT	Convener
AAO (Salary)	RRCAT	

Venue

The conference will be held at Raja Ramanna Centre for Advanced Technology, Indore. RRCAT is located at about 2 km from Rajendra Nagar, a southern suburb of Indore and is 13 km from Airport as well as Indore Railway Station.

DAE-BRNS INDIAN PARTICLE ACCELERATOR CONFERENCE – 2018

InPAC-2018

at
Raja Ramanna
Centre for Advanced Technology
Indore - 452013, M P

January 9-12, 2018

Sponsored by
Department of Atomic Energy
Board of Research in Nuclear Sciences
(DAE-BRNS)

General Information

The authors are requested to send abstract of paper to the InPAC-2018 is the eighth in the series of conferences on particle accelerators organized under the aegis of Board of Research in Nuclear Sciences, DAE and Indian Society for Particle Accelerators. The first conference of the series was held in 2003 at RRCAT, Indore. Objective of the conference is to provide an excellent forum to exchange valuable experiences, new ideas and recent developments among scientists and technologists, particularly younger generation, actively involved in design and development of frontier technologies in the field of particle accelerators. The main objective is to provide a forum for interaction and exchange of ideas in the field of particle accelerators. The technical programme of the conference will consist of invited talks, posters and oral presentations of contributed papers.

RRCAT, a premier accelerator centre in the country, is having two indigenous synchrotron radiation sources 450 MeV Indus-1 & 2.5 GeV Indus-2 operating in round-the-clock mode for catering to users. RRCAT is also pursuing the development of industrial accelerators, free electron lasers and development of technologies for proton accelerators. Under IIFC (Indian Institutions Fermilab Collaboration), it is involved in the development of superconducting RF cavities and high power RF amplifiers.

Topics to be covered

- **Proton and Ion Accelerators**
- **Electron Accelerator & SRS**
- **Free Electron Lasers**
- **Beam Dynamics and Transport**
- **Radiation Safety**
- **Medical, Industrial and other applications**
- **Accelerator Technologies**
 - **SCRF Cavities**
 - **Cryogenics**
 - **RF and Microwave**
 - **Vacuum**
 - **Beam Diagnostics**
 - **Magnets**
 - **Power Supplies**
 - **Instrumentation and Control**
 - **Alignment, LCW & Auxiliary systems**

For updates on the conference status visit our website

<http://www.inpac2018.rrcat.gov.in>

Abstracts and Manuscripts

The authors are requested to send abstract of paper to the e-mail address:
inpac2018.abstract@rrcat.gov.in

The authors should submit an abstract of the proposed paper. The abstract would consist of the title of the paper, author name(s), their affiliation(s), email address of the corresponding author along with a brief description in single column (max. 250 words) of the scientific and technical content of the work done and conclusion. Graphs, tables and pictures shall be avoided in the abstracts.

JACOW template should be used for preparation of full paper. The template can be downloaded from <http://www.jacow.org/Authors/MSWord>.

Full paper shall be uploaded on Indico website. The details will be updated on the InPAC website.

Important Dates

Abstract Submission Opens	15 September, 2017
Abstract Submission Closes	16 October, 2017
Registration Opens	30 October, 2017
Registration Closes	30 November, 2017
Paper Submission Opens	10 November, 2017
Paper Submission Closes	5 December, 2017

Proceedings

A hard copy of the abstracts and a CD/pen drive containing full manuscripts will be made available to the participants during the conference.

Accommodation

Accommodation will be arranged mostly in hotels since accommodation in the guest houses is limited. Hotel tariffs range between ₹ 2,000 /- to ₹ 4,000/- per day for single occupancy and ₹ 4000/- to ₹ 7,000/- on twin sharing basis (economy). Luxury hotel tariffs are ₹ 6,000/- and upwards. Assistance in booking hotel accommodation, if required, will be provided.

Financial Assistance

Financial assistance towards travel by train and local hospitality will be provided to a limited number of deserving candidates.

Registration Fee and Intimation of Participation

Category	Fee
I Indian Delegates (General)	₹ 3,500/-
II Indian Delegates (ISPA members)	₹ 3,000/-
III Indian Students	₹ 1,500/-
IV Foreign Delegates [#]	\$ 150

[#]required to travel on business VISA

Registration fee shall be paid in the current account of InPAC-2018 in State Bank of India, details of which along with the Registration form will be put on InPAC website for submission.

About Indore

Indore is located in the western Madhya Pradesh on the Malwa Plateau at a height of 550 meters above sea level. The weather is cold in January, participants are advised to bring woolen clothes. There are several places of tourist interest around Indore like Mandu, Ujjain, Omkareshwar and Maheswar.

Excursion to Mandu/Maheshwar

There are many religious and historical places around Indore. The grand palaces at Mandu are witness to the legendary romance of Rani Roopmati and Baz Bahadur. Whereas city of Maheshwar situated on the banks of river Narmada appeals to both, the pilgrim as well as the tourists. An excursion to these places (separate trips for both places) may be arranged on Saturday, 13th January if the sufficient number of delegates show interest. The charges for these trips shall tentatively be ₹.500/- per person which includes packed lunch.

For details and enquiry, please contact

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E-mail: scjoshi@rrcat.gov.in
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DAE-BRNS Indian Particle Accelerator Conference-2018 Jan 9 - 12, 2018 Information of participation

Name (in capitals) _____
(Dr/Mr/Mrs/Ms) (Last name) (Initials)

Sex: *Male/Female*

Designation _____
(Prof. /Reader/Lecturer/Sci. Off/RA/Student etc.)

Registration fee category: I/II/III/IV
Registration fee payment id/reference (with details): _____

Address _____

PIN code : _____

Tel : _____

Fax : _____

Email : _____

Proposed Contribution: *Paper/Exhibits/Participation only*

Financial Assistance* : Full/Partial/Not required

Accommodation: *Required (Single/Family)/Not required*

Hotel: *Single/Twin Sharing*

Accommodation required from Jan _____to_____ 2018

My expectation/entitlement for Hotel is appx.
₹. _____/-per day

(This information is required for finalizing the accommodation details to be uploaded on InPAC website. Delegates are requested to book the hotels directly as per accommodation details on the website.)

Date _____ Signature _____

Please scan and e-mail this form to inpac2018@rrcat.gov.in for registration, so as to reach the Secretary, InPAC-2018 before November 30, 2017.

*Financial assistance can be provided to a very limited number of deserving candidates only, for whom their institutes are unable to pay. Please attach a letter of recommendation from the concerned institute.