

FY2017 JSA Initiatives Fund Proposal Summary Sheet

Proposal title

New
proposal

Renewal

**Total funds
requested**

**Total leveraged support /
Matching funds * See Note
below.**

To be completed by JSA: Total funds awarded

Note: Identify in your budget proposal the source, type and amount of support from each institution.

Principal Investigator (PI)

Institutional affiliation
Mailing address
Email / phone #

Co-PI (if more than 1
add pages with information)

Institutional affiliation
Mailing address
Email / phone #

Check one category: If PI is a Lab employee, your identification of the appropriate Associate Director below represents the acknowledgement of that AD with your submittal of proposal. **No signature required.**

Lab employee If Lab employee, Associate director
(email / phone)

Lab user If Lab user, University affiliation. Joint
appointees, identify Lab division
association.

Other If Other, Institutional affiliation

Executive summary including the projected begin/end dates. **Project Start Date** (mm/yy)
Add additional pages if necessary.

Project End date (mm/yy)

Jefferson Science Associates, LLC
Managing and Operating the Thomas Jefferson National Accelerator Facility
for the U.S. Department of Energy

Proposal title

Principal Investigator (PI)

Synopsis of scientific, educational, technical, and/or business merits, and alignment with and significance to Lab's current program. Add additional pages if necessary.

Proposed evaluation plan to measure success. If this is a request for renewal of funds, assessment of prior year performance. Add additional pages if necessary.

Your proposal may include letters of endorsement and other supporting information. A maximum of 10 additional pages may be appended to this proposal form.

Budget Proposal

Proposal Title

Principal Investigator (PI)

Total funds requested

To be completed by JSA: Total funds awarded

	Item Description		Amount
<p>Equipment. Lab users submitting proposals that include equipment to be used at the Lab must review with the appropriate Lab Associate Director. The provision of the name of the AD below represents the AD's acknowledgement. No signature required.</p>			
	Associate Director: _____	_____	
	_____	_____	
	_____	_____	
		Subtotal Equipment	
<p>Travel Support. Provide break-out of estimates for registration fees, lodging and transportation, catering, and facility charges (room rentals, AV equipment; etc.)</p>			
	_____	_____	
	_____	_____	
	_____	_____	
		Subtotal Travel	
<p>Supplies</p>			
	_____	_____	
	_____	_____	
		Subtotal Supplies	
<p>Consultants/Subcontracts</p>			
	_____	_____	
	_____	_____	
		Subtotal Consultants/Subcontracts	
<p>Other Expenses. Examples include stipends and honoraria, prizes, awards. The JSA Initiatives Fund Program does not support salaries and salary-related expenses, or indirect expenses. Describe other expenses below.</p>			
	_____	_____	
	_____	_____	
		Subtotal Other Expenses	
		Total Budget Proposal	

Budget Justification and Leveraged Support/Matching Funds information. Identify the source, type and amount of support from each institution. For in-kind support, provide estimate of value. Your identification of the authorized representative who has committed institutional support for your proposal represents the acknowledgement of that individual. If support or funds are provided by the Lab, identify the associate director (or equivalent) as the authorized representative. Add additional pages if necessary.

Event Details : Light Cone 2017

Conference dates : 18th September- 22nd September, 2017

Place : Department of Physics, University of Mumbai

Details of the conference :

The main objective of the Light Cone conference series is to provide a yearly update of the knowledge in light-front theory and its phenomenological applications.

Light-front theory provides a suitable framework to calculate observables such as scattering amplitudes, decay rates, spin effects, parton distributions, and other hadronic observables. Indirectly, a comparison of these calculations to experimental data can illuminate novel QCD effects.

The conferences of the series Light Cone are held each year under the auspices of the International Light Cone Advisory Committee (ILCAC) (<http://www.ilcacinc.org>) .

An important aspect of the Conference series is to motivate and encourage young researchers in the field and prepare them for leadership roles.

The LC2017 conference will take place at Department of Physics, University of Mumbai from September 18-22, 2017.

Topics to be included are

- Hadron Physics at present and future colliders
- Light Front Field Theory in QED and QCD
- AdS/QCD, D Branes and Strings
- Hadron Structure : TMD's and GPD's
- Lattice QCD
- QCD at high temperature and density
- Higher order QCD corrections

The conference will be organized under the auspices of ILCAC and the academic program will be carefully planned in consultation with the members of ILCAC.

The international advisory committee will consist of members of ILCAC. The members of ILCAC are

1. B.L.G. bakker, Vrije University, Netherlands
2. Stanley J. Brodsky, SLAC, USA
3. Simon Dalley, Southern Methodist University, Dallas
4. Stanislaw D. Glazek, Warsaw University, Poland
5. C.-R. Ji, NCSU, Raleigh, USA
6. D. Kulshreshtha, Delhi University, India
7. M. Walley, JLab, USA
8. J. Papavassiliou, University of Valencia, Spain
9. N.Wayne, University of Iowa, Iowa city
10. N.G. Stefani, Germany
11. A. Bassetto, INFN, Padova, Italy
12. W. Broniowski, J.K. University, Poland
13. T. Fredrico, Brazil
14. J. H. Hiller, University of Minnesota, USA
15. V. Karmanov, Moscow, Russia
16. J.-F. Mathiot, Universite Blaise Pascal, France
17. G.A. Miller, University of Washington, USA

18. B. Pasquini, University of Pavia, Italy
19. G. Salme, INFN, Roma
20. James Vary, Iowa State University, Ames, USA

The National Advisory Committee will consist of

1. Prof. Sandip Trivedi, Director, TIFR, Mumbai
2. Dr. Ajit Mohanty, Director, SINP, Kolkatta
3. Prof. Avaroth Harindranath, SINP, Kolkatta

The National Organizing Committee will consist of

- ◆ Dipankar Chakrabarti, IIT, Kanpur
- ◆ Dayashankar Kulshreshta, Delhi University
- ◆ Anuradha Misra, University of Mumbai
- ◆ B.Mukhopadhyaya, HRI, Allahabad
- ◆ K. Sridhar. T.I.F.R., Mumbai
- ◆ Rohini Godbole, IISc, Bangalore
- ◆ Prakash Mathews, SINP, Kolkatta
- ◆ Asmita Mukherjee, IIT, Bombay
- ◆ V. Ravindran, I.M.Sc., Chennai

Proceedings

We will approach *Pramana- The Indian Journal of Physics* for publication of proceedings. *Pramana – Journal of Physics* is now distributed in print outside India and online worldwide by Springer, co-publisher of the journal together with the Indian Academy of Sciences. www.springer.com/12043. *Pramana* is part of SpringerLink (www.springerlink.com). The cost of publication, which is very reasonable, is expected to be covered by partial support received from one of the funding agencies we will approach and includes 100 free copies for conference proceedings

Funding

We are submitting an application for partial funding to Jefferson Lab, USA and to ICTP, Italy. We will be approaching Department of Science & Technology in India and supporting institutions like RECAPP at HRI, Allahabad for partial support.

We plan to conduct a mini school of 3-5 days for the students so that our students can be prepared for the advanced lectures delivered at the conference. This will require additional funds apart from those collected through Registration fees.

The International Light Cone Advisory Committee



To Whom It May Concern:

July 29, 2016

On behalf of the International Light Cone Advisory Committee (ILCAC), I confirm that Prof. Anuradha Misra has been asked to organize the forthcoming LC2017 Conference in Mumbai, India. I endorse her proposal for FY2017 JSA Initiatives Fund application and appreciate her preparation for the conference and services as the organizer of LC2017.

Sincerely,

A handwritten signature in black ink, appearing to read 'Chueng-Ryong Ji'.

Chueng-Ryong Ji, Ph. D.
Chair of ILCAC
Professor of Physics
North Carolina State University
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USA