

Second Bulletin

International Workshop on Next Generation Nucleon Decay and Neutrino Detectors (NNN15) and Unification Day 2 Workshop (UD2)

Stony Brook University
October 28-31, 2015

This is the second bulletin describing the upcoming NNN15/UD2 Workshop which will be held in the Simons Center for Geometry and Physics (SCGP) auditorium on the Stony Brook west campus, Wednesday through Saturday October 28-31, 2015. This bulletin along with other information on the Workshop is posted on the Workshop website: <https://www.bnl.gov/nnn2015/>

I. Scientific Program

The workshop scientific program has been nearly finalized and the details of the program can be viewed from the workshop INDICO page. Although some further fine-tuning is expected, the overall schedule will remain same. <https://indico.bnl.gov/conferenceTimeTable.py?confId=1282#20151028>

Wednesday Oct. 28, 9:00 am – 12:40 pm

- UD2 Plenary Session: Unification Theories

Wednesday Oct. 28, 2:00 pm – 6:15 pm

- UD2 Plenary Session: Unification Theories

- NNN15 Parallel Sessions: (1) Liquid Argon Detectors and (2) Water Cherenkov/Liquid Scintillator detectors

Wednesday Oct. 28, 6:30 pm – 8:00 pm

- Light Reception and Poster Session

Thursday Oct. 29, 8:30 am – 12:40 pm

- NNN15/UD2 Joint Plenary Sessions: Workshop Opening and Theoretical Overview

Thursday Oct. 29, 2:00 pm – 5:40 pm

- UD2 Plenary Session: Unification Theories

- NNN15 Plenary Session: Sources and Control of Systematic Uncertainties in Long Baseline Neutrino Oscillation Experiments for CPV measurements

Thursday Oct. 29, 6:00 pm – 8:00 pm

- Welcome Reception and Poster Session

Friday Oct. 30, 9:00 am – 12:35 pm

- NNN15 Plenary Session: Recent Results from Running Experiments

Friday Oct. 30, 2:00 pm – 5:35 pm

- NNN15 Plenary Session: Future Experiments (Approved or Proposed)

Saturday Oct. 31, 9:00 am – 12:00 noon

- NNN15 Plenary Session: Synergies and Other Related Topics

Saturday Oct. 31, 1:20 pm – 2:30 pm

- NNN15 Plenary Session: Summary/Highlights of Parallel Sessions

Saturday Oct. 31, 2:30 pm – 3:30 pm

- NNN15 Plenary Session: Workshop Closing

II. Poster Presentations

Abstracts for posters should be submitted by **September 18, 2015** to:

nnn15@nngroup.physics.sunysb.edu

Limited amount of funds are available from the workshop sponsors to provide partial support to participants, and priority will be given to the students who will make poster presentations.

III. Registration

To register please use online registration system on the workshop web site. The registration fee for the workshop is \$100. Extra effort was made to keep the registration fee as low as possible. The fees will cover partial costs of coffee breaks, the receptions, the dinner and local transportation. Additional tickets for the banquet are available if you wish to bring guests.

Payment of registration fees must be made by cash (at the registration desk), check, or money order. It must be a bank draft, certified check, or money order in US dollars. Personal checks must be drawn on a US bank. Regretfully, checks drawn in foreign currency will not be accepted and be returned. If you wish to pay your registration fee before the workshop, please contact Ms. Charise Kelly, NNN15

Workshop Secretary:

e-mail: charise.kelly@stonybrook.edu

Phone: +1 (631) 632-8098

The registration deadline is **September 25, 2015**.

IV. Financial Support

While all participants are expected to cover their own travel expenses and registration fees, with generous contributions made by the workshop sponsors limited funds are available to provide partial support to participants (theorists and students) with a tight budget. A request for financial support must be made through the online registration system by **September 18, 2015**.

V. Accommodations

The most convenient hotel is the Hilton Garden Inn which is on campus, five-minutes walking distance away from the conference venue. In addition, there are two hotels available in the vicinity of the university: the Holiday Inn Express, and Danford's Inn. A limited number of rooms are set aside for the Workshop participants. Each participant is responsible for making her/his own reservation and is encouraged to make the reservation as early as possible since we expect large demands for rooms during the Workshop period. Please mention NNN15 Workshop when reserving rooms. There will be a shuttle bus service between the Holiday Inn Express and the Campus in the mornings and evenings during the Workshop.

Hilton Garden Inn - Stony Brook University

1 Circle Road, Stony Brook

Stony Brook, NY 11940

Location: On Campus

Group Code: NNN15

Price: \$129.00 US/night

Phone: 631-941-2980

Fax: 631-941-2999

Reservations **must be booked by September 25, 2015** to insure rate and availability.

Holiday Inn Express - Stony Brook

3131 Nesconset Hwy

Stony Brook, NY 11720

Location: 4 Miles (6.4 km) - free shuttle from hotel to campus available.

Group Code: NNN

Price: \$129.00 US/night

Phone: 631-471-8000 or 1-800-HOLIDAY

Fax: 631-471-8623

Reservations **must be booked by September 25, 2015** to insure rate and availability.

Free Hot Deluxe Breakfast Buffet.

Danford's on the Sound - Port Jefferson

25 East Broadway

Port Jefferson, NY 11777

Location 8 Miles (12.8 km)

Group Code: 1510stonyb

Price: \$121.00 US/night

Phone: 631-928-5200 or 1-800-332-6367

Fax: 631-928-3598

Reservations **must be booked by September 27, 2015** to insure rate and availability.

Complimentary Continental Breakfast.

Waterfront (Port Jefferson Harbor), downtown Port Jefferson, many shops and restaurants.

VI. Transportation

There are three major airports from which Stony Brook is easily reached. The Long Island MacArthur Airport in Islip is 25 minutes (16 miles) from the campus. Kennedy (JFK) and LaGuardia airports are about an hour and a half (approx. 50 miles) to the west. Rental car, taxi, shared shuttle bus, and limousine services are available from all three airports. From JFK, it is possible to reach the Stony Brook campus by train.

Stony Brook can also be reached by train from Manhattan Penn Station via the Long Island Rail Road (LIRR) and by ferry cross Long Island Sound from Bridgeport, Connecticut to Port Jefferson, Long Island and from New London, Connecticut to Orient Point, Long Island. The train stops at the Stony Brook station on campus. More detailed information can be found on the Workshop website.

There will be shuttle bus service between the Holiday Inn Express, Danford's Inn and the Campus in the mornings and evenings during the Workshop. Transportation to and from the Workshop Dinner on Friday evening will be provided.

A limited number of parking permits will be available for participants. They will be distributed to the registered participants on a first-come-first-served basis. With a parking permit, one can park in almost all parking lots on campus. Parking is relatively easy before 10 AM and after 4 PM.

VIII. Social Events

The following events are planned for Workshop participants and their companions.

Light Reception, Wednesday, Oct. 28, 6:30 - 8:00 PM, SCGP Cafe:

All participants and their companions are welcome at free of charge. The reception will be held in conjunction with a poster session.

Welcoming Reception, Thursday, Oct. 29, 6:00 - 8:00 PM, SCGP Cafe:

All participants and their companions are welcome at free of charge. The reception will be held in conjunction with a poster session.

Workshop Dinner, Friday, Oct. 30, 7:00 - 11:00 PM, Port Jefferson Country Club:

A buffet style banquet will be held at the Port Jefferson Country Club. Companions are welcome to join the banquet with \$60/person fee. The companion tickets need to be purchased in advance at the registration desk.

Sunday (no-host) Theater Trip, “The Book of Mormon”, Sunday, Nov. 1, 7:00 PM show, Eugene O’Neill Theatre:

A limited number of tickets are group-purchased for the convenience of the workshop participants who wish to see the hit Broadway musical “The Book of Mormon” (winner of 9 Tony Awards including Best Musical) at the Eugene O’Neill Theatre in Manhattan. The show time is 7:00 PM on Sunday, Nov. 1, 2015. The tickets are available to the Workshop participants on a first-come-first-served basis. The ticket prices are: \$99.50 for the Mezzanine seats. (Note that individual ticket price is \$180 or higher.) No transportation will be arranged by the Workshop for this trip. Participants are advised to make their own travel arrangements. The theater can be reached conveniently by train and other public transportation from Stony Brook. One could also use local limousine service.

IX. Local Information

The Stony Brook campus is located in the middle of Long Island about 60 miles east of Manhattan. It is close to the north shore beaches (5 minutes by car) and the south shore Fire Island beaches can be reached in 30 minutes. At the east end of Long Island, one can find the famous Hamptons area and many local wineries. The weather in October is expected to be variable but generally fair and cool.

X. Deadlines to Remember

- **Submission of abstracts for poster presentations: [September 18, 2015](#)**
- **Request for financial support: [September 18, 2015](#)**
- **Registration Deadline: [September 25, 2015](#)**
- **Reservations for Hotels for the blocked rooms: [September 25, 2015 \(Sep. 27 for Dan ford’s Inn\)](#)**