

NNN15

OCTOBER 28-31, 2015
SIMONS CENTER FOR GEOMETRY
AND PHYSICS
STONY BROOK UNIVERSITY,
NY, U.S.A.

International Workshop for the
Next Generation Nucleon Decay
and Neutrino Detectors

UD2

Unification Day 2

TOPICS:

- Discovery of proton decay
- Discovery of CP violation in the lepton sector
- Determination of the neutrino mass hierarchy
- Observation of neutrinos from core collapse supernovae
- Unification theories
- Leptogenesis
- NNN detector R&D

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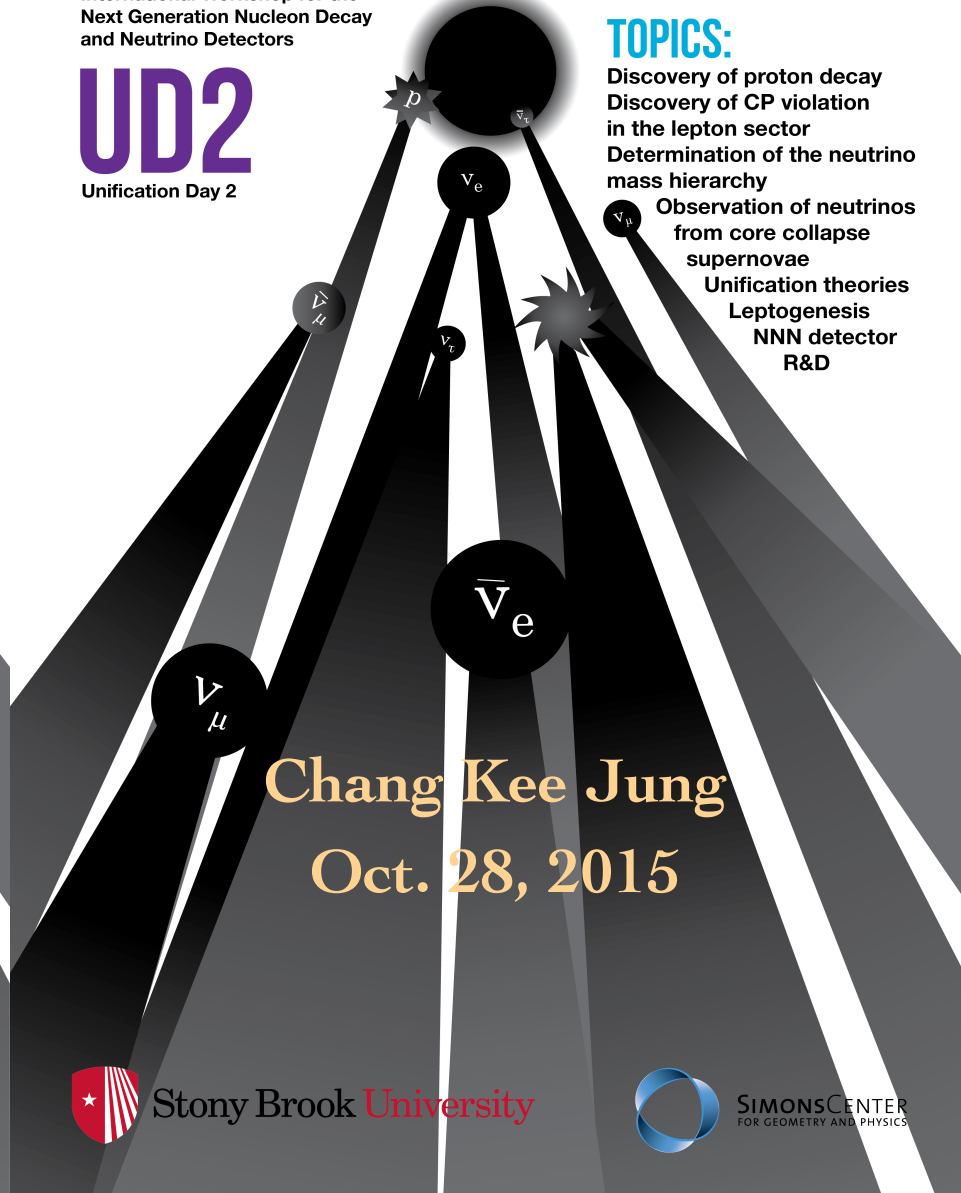
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Unification Day 2
Opening Information



Chang Kee Jung
Oct. 28, 2015

Unification Day (1)

- October 2004, Keystone Colorado
- Co-organized by E. Witten and ckj
- The Theme
 - Bring together a group of theorists to discuss roles of proton decays and CP violation in the lepton sector in various 'unification' theories and leptogenesis models, and discuss the details on our updated understanding on M_{GUT}

Unification Day (1) Workshop

Speakers List

Name	Institution
E. Witten	IAS
Juan Maldacena	Harvard
Savas Dimopoulos	Stanford
Stuart Raby	Ohio State
Daniel Larson	Berkeley
Bill Marciano	BNL
Qaisar Shafi	Bartol Inst.
Rabi Mohapatra	Maryland
J. Pati	Maryland
Kaladi Babu	Oklahoma State
Yasunori Nomura	Berkeley
Keith Dienes	Arizona
Ilia Gogoladze	Notre Dame
Goran Senjanovic	ICTP, Trieste

Unification Day (1)



NNN15/UD2, October 28, 2015

C. K. Jung



Stony Brook University

Internet Access

- **eduroam**
 - Best option
- **WolfieNet-Guest**
 - Requires individual password
 - If you have not yet received one, you will receive one today
- **If you are desperate, go to the Physics building D-level, open conference area in front of my office, D-141**
 - Network access information is written on the blackboard
- **Contact Dean Schamberger**
 - Physics Building, Rm D-115
 - Phone: 631-632-8094



Coffee Breaks

- Both morning and afternoon coffee breaks will be at SCGP 1st floor
 - No coffee break set up at the Math Common room for the NNN15 parallel session
 - Espresso will be available

Lunch

- SCGP Café (2nd fl)
 - Top-rated chef prepared food
 - Typically not found on college campuses
 - Discounted price (~\$14, regular price: ~\$21) for the workshop participants
 - Show your workshop name tag
- Jasmine Restaurant at the Wang Center
 - Asian food: Chinese, Indian, Japanese and Korean
- Student Activity Center (SAC) Cafeteria
 - Typical college cafeteria food, a wide variety of choices
- Green Cactus Mexican Restaurant and others...
 - The other side of the train track



Afternoon Sessions

- UD2 Plenary
 - SCGP Lecture Hall, Rm 102
- NNN15 LAr Parallel Session
 - SCGP Auditorium
- NNN15 WC/L. Scintillator Parallel Session
 - Math Common Room in the Math building, Rm 4-125



Light Reception and Poster Session

- 6:30 – 8:00 pm at the SCGP Café area
- Please participate in the poster presentations to encourage young people and to show your appreciation of their hard work
- After the poster session, transportation will be provided to Port Jefferson for dinner
 - If interested, sign up for the ride
<https://goo.gl/Tvku2l>
- **Reminder: Thursday NNN15 Plenary Session starts at 8:30 am**

Let's have another fruitful Unification Day!