



**Okinawa Institute of Science and Technology**  
**Quantum Gravity Unit / Postdoctoral Scholar**

The Okinawa Institute of Science and Technology Graduate University (OIST; see [www.oist.jp](http://www.oist.jp)) is a dynamic new graduate university of science and technology in Okinawa Prefecture, Japan. The university is located on 85 hectares of protected forestland overlooking beautiful shoreline and coral reefs. The campus is striking architecturally, and the facilities are outstanding ([OIST campus video tour](#)). There are no academic departments, which facilitates multidisciplinary research. Outstanding resources and equipment are provided and managed to encourage easy access and collaboration. English is the official language of the University, and the university research community is fully international, with more than 50 countries represented. OIST is rapidly gaining recognition in the worldwide academic community as a model for excellence in education and research.

**Unit summary:**

Our group is broadly interested in quantum gravity and high-energy theory. Current members and their main interests include:

1. Yasha Neiman (group leader): de Sitter space physics and higher-spin gravity.
2. Mirian Tsulaia: "old-school" string theory, higher-spin gravity.
3. Vyacheslav Lysov: black hole physics, boundary degrees of freedom.
4. Aritra Banerjee: cosmology, flat holography, string theory.
5. Sudip Ghosh (leaving in 2021): scattering amplitudes, flat holography, string theory.
6. Dorin Weissman (leaving in 2022): non-critical strings, stringy models for hadrons.

**Position summary:**

Looking for a talented and independent postdoc to join our Quantum Gravity group starting in fall 2022.

The position is for 2 years initially, with extension to 3.

Both stringy and non-stringy approaches to quantum gravity are welcome to apply.

Adjacent research groups at OIST include those of Shinobu Hikami, Philipp Hoehn and Reiko Toriumi.

**Position:**

Postdoctoral Scholar

**Working Location:**

1919 - 1 Tancha, Onna - son, Okinawa, Japan 904-0495



**Responsibilities:**

Our postdocs are expected to be independent in their research. We have collaborations within the group, but Yasha's "supervision" capacities are normally reserved for Ph.D. students.

Postdocs in the group have ample opportunity (but no obligation) to teach and mentor graduate students, as well as to organize workshops and similar events.

**Qualifications:**

Ph.D. in the physical sciences.

**Report to:**

Yasha Neiman

**Starting Date:**

Fall of 2022

**Term & Working hours:**

**Term:** Full-time, fixed-term appointment for 2 years. Contract initially with a 3-month probationary period (inclusive). This contract may be renewed for a total of three years.

**Working hours:** 9:00-17:30 (Discretionary)

**Compensation & Benefits:**

Compensation in accordance with the OIST Employee Compensation Regulations

**Benefits:**

- Relocation, housing and commuting allowances
- Annual paid leave and summer holidays
- Health insurance (Private School Mutual Aid <http://www.shigakukyosai.jp/> )
- Welfare pension insurance (kousei-nenkin)
- Worker's accident compensation insurance (roudousha-saigai-hoshou-hoken)

**How to Apply:**

Apply by uploading your Submission Documents through Academic Jobs Online at:

<https://academicjobsonline.org/ajo/jobs/19290>

Inquiries may be directed to Prof. Yasha Neiman at [yaakov.neiman\[at\]oist.jp](mailto:yaakov.neiman@oist.jp)

(Please replace [at] with @ before using this email address)



**Submission Documents:**

- Cover letter
- Curriculum vitae
- Research Statement
- Publication list
- Three reference letters

\* Please be sure to indicate where you first saw the job advertisement.

\* Prior to the start of employment all new hires are required to successfully complete a background check. Personal information including employment history and academic background should be submitted to third-party administrators after a conditional offer of employment.

**Application Due Date:**

Applications will be screened upon arrival. Applications deadline will continue until the positions are filled.

**Declaration:**

\* OIST Graduate University is an equal opportunity, affirmative action educator and employer and is committed to increasing the diversity of its faculty, students and staff. The University strongly encourages women and minority candidates to apply.

\* Information provided by applicants or references will be kept confidential, documents will not be returned. All applicants will be notified regarding the status of their applications.

\* Please view our policy for rules on external professional activities

[\(https://groups.oist.jp/acd/information-disclosure/\)](https://groups.oist.jp/acd/information-disclosure/).

\* Further details about the University can be viewed on our website ([www.oist.jp](http://www.oist.jp)).