



Okinawa Institute of Science and Technology
Two Postdoctoral Positions, Biological Complexity (Pigolotti) Unit

The Okinawa Institute of Science and Technology Graduate University (OIST; see 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.

Position Summary:

The Biological Complexity Unit at the Okinawa Institute of Science and Technology (OIST), Japan, headed by Prof. Simone Pigolotti, is seeking to hire two outstanding postdocs. The research unit studies biological systems using theoretical methods from statistical physics. One of our main research topics is the study of DNA replication and other information-processing mechanisms in bacteria. Our other research interests include population dynamics of microbial organisms and the non-equilibrium thermodynamics of biological systems. Please see our website <https://groups.oist.jp/bcu/research> for more information.

Position:

Postdoctoral Scholar (2 positions)

Starting Date:

As early as possible

Working Location:

OIST Main Campus

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

Responsibilities:

To pursue research projects in the Biological Complexity Unit, in collaboration with the PI and other unit members. Postdoctoral scholars are also expected to participate in training and mentorship of Ph.D. students and other unit staff.

Qualifications:

(Required)

A Ph.D. in theoretical biophysics, statistical physics, mathematical biology or related topics, excellent analytical/computational skills, and willingness to collaborate with experimental groups.

(Preferred)

Experience in bioinformatics and in the unit's specific research topics

Report to:



Professor Simone Pigolotti

Compensation & Benefits:

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](#))
- Welfare pension insurance (kousei-nenkin)
- Worker's accident compensation insurance (roudousha-saigai-hoshou-hoken)
- Access to [Child Development Center](#)
- Access to [Schooling Options](#)
- [Language Education](#)
- [Resource Center](#) (Daily Life Support in Okinawa)

Term:

Full-time, fixed term appointment for 2 years. Contract initially with 3-month probationary period (inclusive). This contract may be renewed.

Working hours:

9:00-17:30 (Discretionary)

How to Apply:

Apply by emailing your Submission Documents to: jobs.bcu@oist.jp

Submission Documents:

CV, a cover letter and a brief statement of research interests combined in a single PDF file to jobs.bcu@oist.jp and arrange for at least two recommendation letters.

* 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.

Contact Address:

If you have any question, please contact: jobs.bcu@oist.jp

Application Due Date:

Applications deadline will continue until the position is 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/>).
- * Further details about the University can be viewed on our website (www.oist.jp).