

NUWNET 利用可能エリアが広がりました

The NUWNET usage area has expanded

NUWNET 整備でエリアが1.3倍になりました

NUWNET coverage area is now 1.3 times larger

昨年度の NUWNET 整備希望アンケートに基づいた整備が完了しました。これにより、NUWNET のエリアが 1.3 倍（床面積で）になりました。新規に整備された建物、増設した建物、既整備の建物の一覧は一番下の図の通りです。

Maintenance has been completed based on a questionnaire conducted in 2021 about NUWNET coverage requests. The area covered by NUWNET is now 1.3 times larger (in floor area) than before. Newly covered buildings, buildings with expanded coverage, and buildings with pre-existing coverage are shown in the figure below.

整備希望箇所や通信不良箇所の報告をお願いします

Please report areas with a poor connection to NUWNET as well as areas you would like to request to be covered in the future

将来の整備の参考のため、「自動的に通信速度テストをした上で、接続情報を含めて提出」する Web サイトや、整備希望箇所記入 Web フォームを準備しています。特に、通信不良を感じたら、積極的にレポートの提出をお願いします。

We have prepared an automated NUWNET internet speed and connection information reporting website, and an online form for coverage area requests. Please be sure to send reports to us when you encounter a poor NUWNET connection.

UWNET 通信速度報告 Web サイト

NUWNET internet speed reporting website

(NUWNET からのみ / Only accessible through NUWNET)

https://wnetchk.wnet.icts.nagoya-u.ac.jp/nuwnet_client/speedtest/



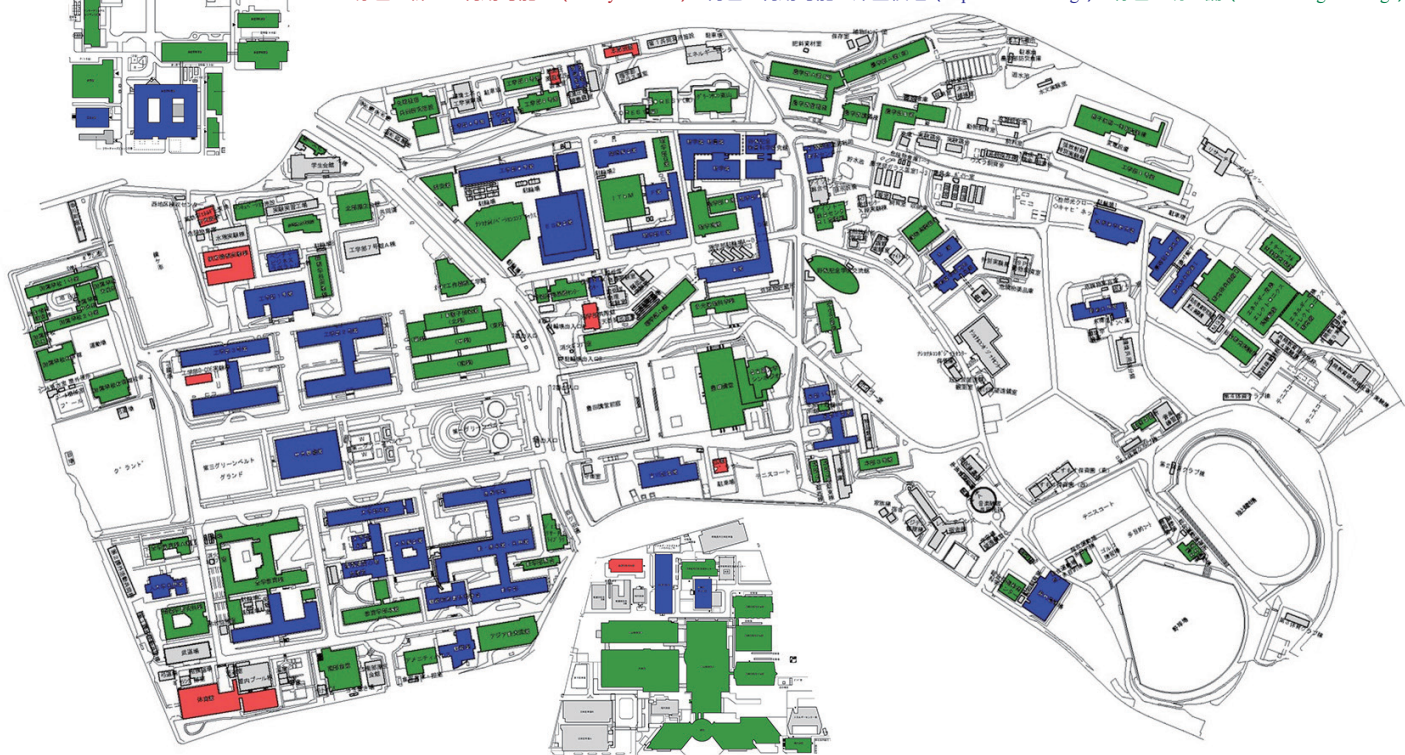
整備希望箇所記入 Web フォーム

Coverage area request online form

(学内専用 / Accessible from within Nagoya University)

<https://www.wnet.icts.nagoya-u.ac.jp/wnet-survey.html>

赤色：新たに利用可能に (Newly covered) 青色：利用可能な床面積増 (Expanded coverage) 緑色：既整備 (Pre-existing coverage)



タンパク質構造予測ソフトAlphaFold2をインストール Installed AlphaFold2: the protein structure prediction software

AlphaFold2 をスパコン「不老」 TypeII
サブシステム上にインストール済

We have installed AlphaFold2 on the
Supercomputer “Flow” Type II subsystem

高速メモリ(SSD)上にデータベース配置

→10時間以上のHHblits時間が10分に劇的
短縮!

The database is set on high-speed memory (SSD)

→Execution time for HHblits has been
dramatically reduced from more than 10 hours
to 10 minutes!

詳細はこちらをご覧ください

For details, please see the following

[https://icts.nagoya-u.ac.jp/ja/sc/news/
maintenance/2022-01-28-alphafold.html](https://icts.nagoya-u.ac.jp/ja/sc/news/maintenance/2022-01-28-alphafold.html)

AlphaFold

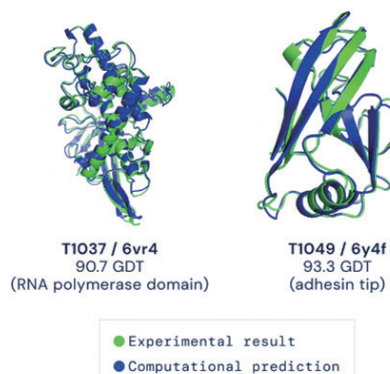
This package provides an implementation of the inference pipeline of AlphaFold v2.0. This is a completely new model that was entered in CASP14 and published in Nature. For simplicity, we refer to this model as AlphaFold throughout the rest of this document.

We also provide an implementation of AlphaFold-Multimer. This represents a work in progress and AlphaFold-Multimer isn't expected to be as stable as our monomer AlphaFold system. [Read the guide](#) for how to upgrade and update code.

Any publication that discloses findings arising from using this source code or the model parameters should [cite the AlphaFold paper](#) and, if applicable, the [AlphaFold-Multimer paper](#).

Please also refer to the [Supplementary Information](#) for a detailed description of the method.

You can use a slightly simplified version of AlphaFold with [this Colab notebook](#) or community-supported versions (see below).



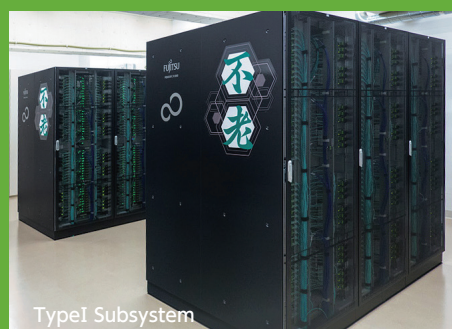
(出典 (source): <https://github.com/deepmind/alphafold>)

スーパーコンピュータ「不老」TypeIサブシステム（「富岳」型ノード）および TypeIIサブシステム（GPU (V100) 884 基搭載）を、無料で利用できる講習会を開催します

You can take part in free hands-on training sessions that allow you to use the supercomputer “Flow” via the Type I subsystem (“Fugaku”-based node) or the Type II subsystem (GPU (V100) based node with 884 GPUs).

● 3回/年 Three times per year

機械学習 Machine Learning
MPI
数値計算ライブラリ Numerical Library
OpenFOAM



● 2回/年 Two times per year

OpenMP
OpenACC

詳しくは/ For details, please visit
<https://www2.itc.nagoya-u.ac.jp/cgi-bin/kousyu/csview2.cgi>