

施設整備計画REPORT

Facilities Development Plan Report

「新館」が ICUのリベラルアーツに 深化をもたらす

New Building to Bring About Evolution in ICU's Liberal Arts

計画、完成予想図は、今後変更となる場合があります。新施設名称は仮称です。
Plan and images are subject to change. Name of the new facilities are tentative.

伝統を未来につなぐ新たな学びの拠点

A New Hub of Learning That Bridges Tradition and the Future

本館をはじめとする伝統ある建物は、ICUの重要なアイデンティティのひとつとなっています。しかし、これらの中には経年劣化により建て替えもしくは修繕が必要なものが顕在化し、学内で検討が進められてきました。そうした中で、建物の耐用年数に対する専門家の意見や歴史的価値などを踏まえ、本館と理学館を修繕して継続使用することが決定。これに伴い、2つの建物を改修するために必要な「新館」を建設することとなりました。

新館建設および本館・理学館改修の工程としては、まず新館を建設し、竣工後に新館へ理学館の機能を移転。次に本館改修中の仮教室を確保するために理学館を改修。そして本館を改修し、理学館で行われていた授業を本館に戻し、今回の施設整備は完了となります。その後の理学館は、現在、建物の余裕がないために実現できていない要望に対応する施設として、また今後他の施設を改修する際の仮移転先としての活用を想定。理学館は柱の少ない特殊な設計で建てられていることから、改修の自由度が高く、今回の計画に大きな役割を果たしています。

The University Hall and other historic buildings are part of the important identity of ICU. However, some of these buildings have been showing signs of deterioration over time, which called for reconstruction or repair. The university had been discussing the issue and arrived at the decision to repair the University Hall and Science Hall for continued use based on expert opinions regarding their lifespan as well as their historic value. Consequently, the university decided to build a New Building in order to repair the two buildings.

The process to be followed in the construction of the New Building and repairing of the University Hall and Science Hall will involve the construction of the New Building first. After completion, the functions of the Science Hall will be transferred to the New Building. Next, the Science Hall will be repaired, which will then provide temporary classrooms while repairing the University Hall. Once the repair of the University Hall is completed, the classes being held at the Science Hall will be shifted back to the University Hall, which will conclude the current round of facility development. After this, the Science Hall is expected to be used as a facility for responding to demands that were not realized so far due to lack of space in buildings and as a space for temporary relocation when repairing other buildings in the future. The Science Hall was built using a special structure with few pillars, thus giving freedom in repair, playing a great role in the current plan.

新たな校舎の誕生にとどまらず、本館・理学館との共存を実現し、ICUのリベラルアーツにさらなる深化をもたらす「新館」とはどのような建物になるのか。本館、理学館の改修も含めた施設整備計画についてご紹介します。

The New Building will not just mark the birth of a new university building, but it will realize the coexistence with the University Hall and Science Hall, bringing about further evolution in ICU's liberal arts. What kind of building will it turn out to be? Here we will introduce the Facilities Development Plan including repair work of the University Hall and Science Hall.

新館の概要

建築主: 学校法人国際基督教大学

基本・実施設計: 株式会社日本設計・隈研吾建築都市設計事務所

施工者: 未定

新館施設・設備概要:

地上4階建

- 1階: Hub Central、大教室(300人規模)、実験室、オープンラボスペース、ヘルスケアオフィス、事務室、カフェ、会議室、セミナールームなど
- 2階: 大教室(180人規模)×2、実験室、研究室、オープンラボスペース、会議室、セミナールームなど
- 3階: 大教室(180人規模)×2、実験室、研究室、オープンラボスペース、会議室、セミナールームなど
- 4階: 研究所、実験室、屋上ガーデンスペースなど

スケジュール(理学館、本館機能移転・改修含む)

2020年1月～2021年2月 新館設計

2021年3月～2022年8月 新館建設

※2022年秋季学期より新館利用開始

2022年7月～2023年3月 理学館及び一部建物改修

2023年3月～2024年3月 本館改修

※2024年春季学期より本館利用再開

Profile of the New Building

Building owner:

International Christian University

Basic and detailed designs:

Nihon Sekkei, Inc. and Kengo Kuma and Associates

Builder: Yet to be determined

Overview of facilities and equipment of the New Building:

Four floors on the ground

- 1st floor: Hub Central, one large classroom (capacity of 300 people), laboratories, open lab spaces, a healthcare office, offices, a café, conference rooms, seminar rooms, etc.
- 2nd floor: two large classrooms (capacity of 180 people), laboratories, faculty offices, open lab spaces, conference rooms, seminar rooms, etc.
- 3rd floor: two large classrooms (capacity of 180 people), laboratories, faculty offices, open lab spaces, conference rooms, seminar rooms, etc.
- 4th floor: faculty offices, laboratories, rooftop garden space, etc.

Schedule (including relocation of the functions of the Science Hall, University Hall and repair)

January 2020 to February 2021: design of the New Building

March 2021 to August 2022: construction of the New Building

*Use of the New Building is to start from the Autumn Term of 2022.

July 2022 to March 2023: repair of the Science Hall and some buildings

March 2023 to March 2024: repair of the University Hall

*Use of the University Hall is to resume from the Spring Term of 2024.

俯瞰図で見る

新館の機能とポイント

Bird's-eye view of the functions and key features of the New Building

新館は、本館西側から理学館にかけての敷地に建設されます。4階建ての建物内には、現在の理学館にある研究室や実験室など全ての設備・機能が移転するほか、1・2年生を中心に全学生が利用することになる大教室が5つ、また教育研究所、社会科学研究所、キリスト教と文化研究所、アジア文化研究所、平和研究所の5つの人文・社会科学系の研究所や一部の事務部署も移転します。現・理学館にも1つ大教室はあるものの、理学館という名前のとおり利用するのは、自然科学系の学生と教員が主。一方の新館は、自然科学系以外の学生・教員も利用する機会が増え、ICU内に新たな人の流れを生むことになります。そして、その流れの中心に位置する場所には、人と人とのつながりの創出、学問分野横断型の教育・研究を促進する象徴的な場として「Hub Central (ハブ・セントラル)」と名付けられる空間が設けられます。また、Hub Centralとつながる屋外には、新館、本館、理学館と総合学習センターの間に広がるクアドラングル(中庭)も新たに生まれます。

設計は、2018年竣工の新体育施設を設計した隈研吾氏が担当。本館と理学館をつなぐ木の庇が特徴的なデザインで、環境負荷を抑えるさまざまな工夫も施されます。日照角度に合わせて西日を効率的に遮蔽する庇や、冬季以外は常に自然換気を活用する制御システムはその一例です。

The New Building will be constructed on a site spreading from the west side of the University Hall to the Science Hall. All facilities and functions of the Science Hall including the faculty offices and laboratories will be relocated to this four-story building. In addition, the New Building will have five large classrooms which all students, mainly first and second-year students will use, and five humanities and social sciences research centers. The Institute for Educational Research and Service, Social Science Research Institute, Institute for the Study of Christianity and Culture, Institute of Asian Cultural Studies and Peace Research Institute as well as some administrative departments will be also relocated to the New Building. The current Science Hall has one large classroom but, as the name suggests, it is mainly used by natural science-related students and faculty members. The New Building, on the other hand, **will also be used not only by natural science major students but also by students from other majors and faculty, creating a new flow of people within ICU.** Further, a place located at the center of the flow will be named Hub Central, symbolizing the creation of connection between people and promotion of education and research going beyond academic fields. In addition, a new Quadrangle will be created outside, adjacent to the Hub Central surrounded by the New Building, University Hall, Science Hall, and Integrated Learning Center.

The New Building is designed by Kengo Kuma, who also designed the new physical education facilities completed in 2018. **A wooden hood connecting the University Hall and Science Hall has a distinctive design, and the buildings also incorporate various ideas to mitigate environmental burden.** A hood that efficiently shields the afternoon sun according to the angle of sunlight and a control system that utilizes natural ventilation except during winter are some examples.

Point 1

現・理学館の機能を移転

Relocation of current Science Hall functions

現在、理学館に設置している自然科学系の研究室・実験室を全て新館に移転。自然科学系メジャーの研究環境が一新され、さらなる充実が見込まれます。

All natural science faculty offices and laboratories that are currently housed in the Science Hall will be relocated to the New Building. The research environment for natural science major students and faculty will be totally renovated and further enhanced.

Point 2

収容人数300人。ICU最大規模の大教室

Capacity of 300 people. The largest classroom in ICU

大規模授業や講演等を行う大教室を新館に集約。ICU最大規模となる300人教室を新設するほか、180人教室も4つ設置します。あらゆる学生が新館に訪れる機会を増やし、学問分野を超えた交流を促します。

Large classrooms for large-scale classes and lectures will be concentrated at the New Building. It will have the largest classroom in ICU, with a capacity of 300 people and four classrooms with a capacity of 180 people each. The university plans to increase opportunities for all students to visit the New Building and encourage interaction beyond academic fields.

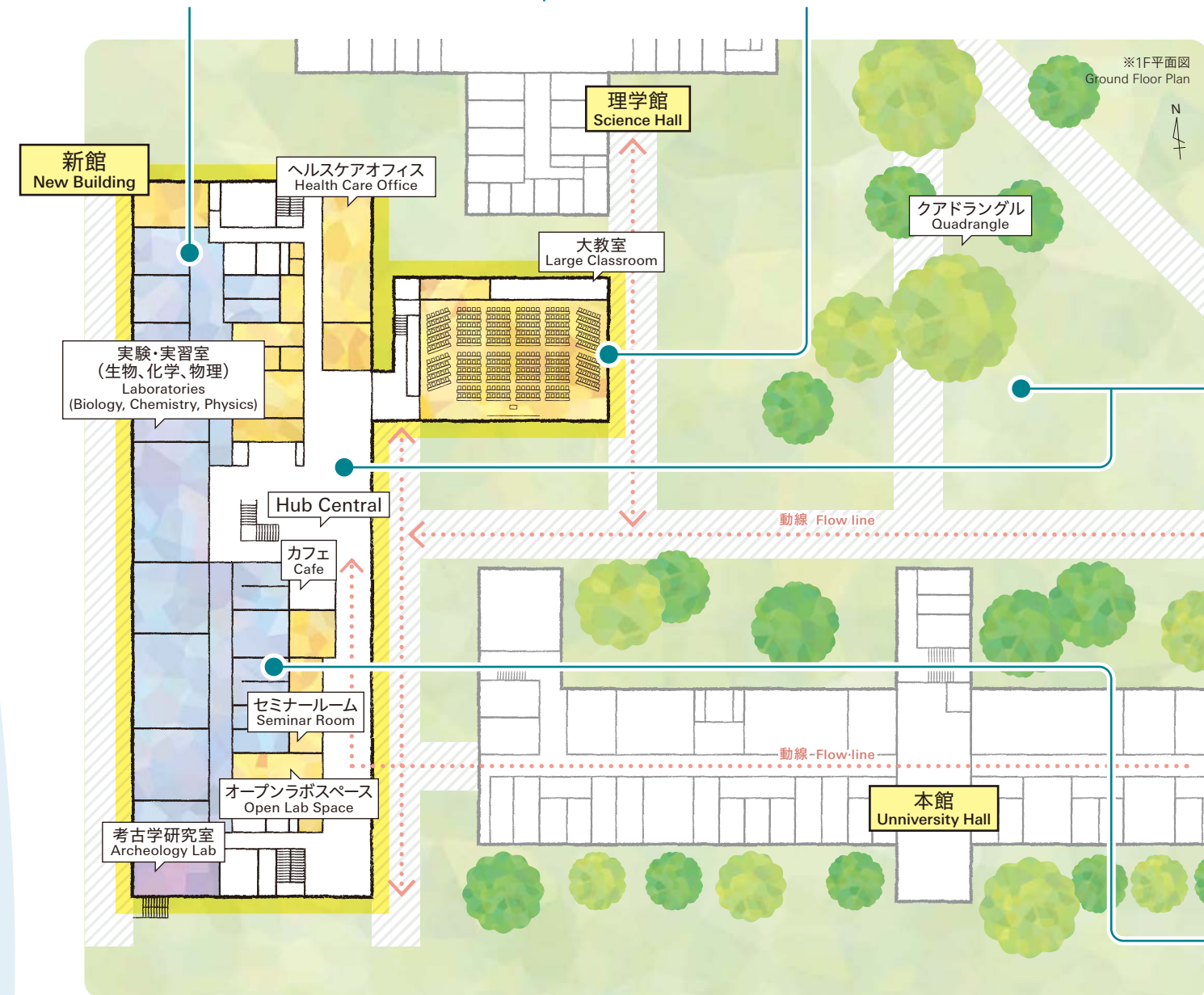
Point 3

人と人とのつながりを創出するHub Centralとクアドラングル

Hub Central and Quadrangle that connect people

1階に設置される「Hub Central」には、カフェ、飲食をしながらのグループ学習スペースやさまざまな用途に使用できるセミナールームもあり、授業の合間のくつろぎの場や学びを深める場として機能します。屋外スペースの「クアドラングル」は、四方を建物で囲まれた広場という意味で、欧米の大学では一般的な場所。これらの空間が、人と人とのつながりを生み出し、対話を促進します。

The Hub Central to be created on the first floor will house a café, a free space which students can use for group study while eating and drinking, and seminar rooms that can be used for versatile purposes. It will function as a place where students can relax between classes and deepen their learning. The outdoor Quadrangle, which means a square surrounded by buildings on all sides, is a space found commonly at universities in the U.S. and Europe. These spaces will connect people and encourage dialogues.



新館断面図

Cross Section View of the New Building

4F	研究所、実験・実習室(化学)、屋上ガーデンスペース Research Institutes, Laboratories (Chemistry), Rooftop Garden, etc.
3F	大教室(180人規模×2)、実験・実習室(生物、化学、情報科学)、教員研究室、オープンラボスペース など Large Classrooms, Laboratories (Biology, Chemistry, Physics), Faculty Offices, Open Lab Space, etc.
2F	大教室(180人規模×2)、実験・実習室(生物、化学、数学、物理)、教員研究室、オープンラボスペース など Large Classrooms, Laboratories (Biology, Chemistry, Mathematics, Physics), Faculty Offices, Open Lab Space, etc.
1F	Hub Central、大教室(300人規模)、実験・実習室(生物、化学、物理)、教員研究室、オープンラボスペース、考古学研究室 など Hub Central, Large Classroom, Laboratories (Biology, Chemistry, Physics), Faculty Offices, Open Lab Space, Archeology Lab, etc.

Point 4

シナジーを生み出す各所の工夫

Research and experiment facilities that generate synergies

新館に設置される実験室は基本的にガラス張りとし、外側から中の様子を見ることが可能となり、思いがけない発見や出会いを生みます。また、これまで分散していた教育研究所、社会科学研究所、キリスト教と文化研究所、アジア文化研究所、平和研究所の5つを新館に集約。研究所前には対話スペースが設けられ、学際的な交流が期待されます。

The laboratories to be housed in the New Building will be glass-sided as a rule, through which people can see the inside from outside and is expected to generate unexpected discoveries and encounters. The New Building also integrates the five research centers which used to be located at different places on campus: Institute for Educational Research and Service, Social Science Research Institute, Institute for the Study of Christianity and Culture, Institute of Asian Cultural Studies and Peace Research Institute. There will be spaces for interaction in front of the research institutions, which are expected to encourage interdisciplinary exchanges.

新館が創出する 新たな学びの場とは

The New Learning Place
Created by the New Building

新館建設の経緯や本館・理学館改修を含めたキャンパス改修について施設整備委員会の委員長である新井亮一常務理事(財務・基金担当)に聞きました。

We interviewed Managing Trustee Ryoichi Arai (Financial Affairs and Endowment), who is the chair of the Committee for Facility Development, on the background of the construction of the New Building and campus renovation including the repair of University Hall and Science Hall.



国際基督教大学 常務理事
(財務・基金担当)
新井 亮一
Ryoichi Arai
Managing Trustee for Financial Affairs
and Endowment,
International Christian University

本館・理学館との共存を実現する、新たな研究・教育の拠点

A new research and education base that realizes the coexistence with the University Hall and Science Hall

新館の建設をはじめとする今回の施設整備計画は、2019年度から準備が始まり、「教室・新機能検討委員会」「理学館移転・機能検討委員会」「事務機能配置検討委員会」の3つの委員会で、多くの教職員が議論を重ねてきました。検討の結果は「施設整備検討委員会」へ答申後、修正を加えた最終答申案が大学運営会議に提出され、2020年2月に承認されました。現在は基本設計が進んでおり、この後の実施設計、2021年初頭の施工業者選定を経て、同年3月からの着工を予定しています。

新館建設の決定には、本館と理学館の存在が大きく関わっています。2015年時点では、この2つの建物は経年劣化が著しく建て替えが想定されていました。その背景には「鉄筋コンクリート(以下RC)建造物の寿命は50年程度」という、建築業界のみならず社会全体で広く共有されていた理解があります。しかし、2016年に改めて専門家の意見を聴取したところ、RC建造物の寿命は施工状況や使用環境によって一般的な想定よりかなり長くなる可能性が指摘されました。実際に高齢RC建造物の修繕・保

Preparations for this Facilities Development Plan, including the construction of the New Building, started in AY2019, with the many faculty and staff members carrying out numerous discussions in the three committees of “Study Committee for Classroom and New Functions,” “Study Committee for Science Hall Relocation and Its Function,” “Study Committee for Layout of Administrative Function.” The outcome of the discussions was conveyed to the Committee for Facility Development, and after revisions a final proposal was submitted to the University Management Committee and approved in February 2020. Currently, the basic design work is in progress and the construction is scheduled to start from March 2021 after the implementation design completion and the selection of the contractor in the beginning of 2021.

The condition of the University Hall and the Science Hall had a major role in the decision to construct the New Building. In 2015, both these buildings were showing significant signs of wear and tear and their rebuilding was anticipated. **Behind that, existed the understanding, widely shared not only by the construction industry but also society in general, that the “life of a reinforced concrete (RC) building is about 50 years.”** Nonetheless, we sought the opinion of specialists once again in

存事例が多数出てきており、また卒業生などからも学内の歴史的・文化的価値を持つ建物の保存を求める声が多く寄せられました。さらに本館は、元々旧・中島飛行機株式会社の研究施設として施工された経緯もあって特に堅固に作られており、コンクリート診断に基づく耐震性能調査でも結果は良好でした。こうした理由から、2つの建物を残すことが決定したのです。とはいえ古い建物なので耐震補強などの修繕は必須であり、空調設備や給排水設備なども現代に相応しい改修を行う必要がありました。改修期間中は授業ができないため、仮移転先が必要となります。仮設の校舎を建てる案もありましたが、多数の教室で同時に授業を行うため高額な防音施工が必要であり、解体後の再利用も難しく環境負荷も大きいことがわかりました。こうした事情などから、新館の建設が決定し、本館、理学館の修繕を含めたキャンパスの改修が行われることとなりました。



オープンスペースを有効活用
Effective utilization of open space

Hub Centralと300人教室に隣接するクアドラングル。屋外でもイベントを開催しやすいように、電源や給排水設備の設置等も検討されている。

Quadrangle, adjacent to Hub Central and 300-seater classroom. Installation of power sources and plumbing are being considered so that outdoor events can also be held.

あらゆる学生が共に学べる場所へ

A space where all students learn together

今回の施設整備において特徴的な空間が、Hub Centralとクアドラングル(中庭)です。本館と理学館の間に位置する新館の中心に設けられるHub Central、またそれにつながる屋外のクアドラングルは、学生たちの動線が集まる場になります。対話的な学びを重視する観点から、グループ学習が可能な場やセミナールーム、展示なども可能なオープンラボスペースなど、ラーニングコモンズの拡張版のような場となるよう検討を進めています。また、この度のコロナ禍の影響で、人間のスペースに対する意識は大きく変わりました。「3密(密閉、密集、密接)」を避けながら、より広いところで活動したいというニーズの高まりが予想されます。このことから、ICUの特徴である自然豊かなキャンパスを利用し、屋外のクアドラングルも含めた広い空間の有効活用も議論しています。

この新館の建設は、ICUのリベラルアーツの深化につながると考えています。これまで、自然科学系メジャーの学生は理学館、それ以外の学生は本館、というように学ぶ拠点が分かれていました。新館は自然科学系の施設が大きなウェイトを占めるにせよ、5つの大教室が配置されるため、それ以外のメジャーの学生も利用する施設が配置されます。自然科学系以外の学生も何か場違いな感覚を覚えずに、誰もが共に学べる場所ができることで、学問分野横断型のさまざまな知の融合が期待されます。

2016, which pointed out that RC buildings, depending on the construction conditions and usage, could have a lifetime much longer than the general perception. There were many actual cases of RC buildings being repaired and conserved, and we received many opinions also from alumni and others seeking the preservation of these buildings, which have historical and cultural values in the university. Further, the University Hall, which was originally built as a research facility of Nakajima Aircraft Company, was sturdily built and the result of the examination of the concrete based on anti-seismic testing was also favorable. In light of these reasons, we took the decision to retain the two buildings. Even then, both were old buildings and repair work such as seismic strengthening was a must and it was also necessary to modernize facilities including air-conditioning and plumbing. As classes cannot be held during the maintenance period, a temporary relocation space was necessary. There was a proposal to build a temporary building, but since classes were to be held simultaneously across numerous classrooms, hugely expensive soundproofing was necessary and we realized that it was difficult to reuse after dismantling, running up high environmental burden. Given these and other facts, we decided to build the New Building and carry out renovation work of the campus including the University Hall and Science Hall.

Two distinctive spaces in the facilities development this time are the Hub Central and Quadrangle. **Hub Central, which is at the center of the New Building, which itself is between the University Hall and Science Hall, and the outdoor Quadrangle connected to the Hub Central will be a space where the student flow merges.** From the perspective of focusing on interactive learning, we are looking at it as an expanded version of learning commons, such as being a forum and seminar room that enables group learning and an open lab space where exhibitions can also be held. Further, people's conception of space has changed markedly because of the impact of the COVID-19. We expect increased requirements for larger spaces to carry out activities while avoiding the 3 Cs of closed spaces, crowded places, and close-contact settings. Given this, **we are discussing the effective use of the wide space including the outdoor Quadrangle by leveraging ICU's nature-rich campus, which is its unique feature.**

We believe the construction of the New Building will lead to further evolution of ICU's liberal arts. Until now, students majoring in natural sciences were using the Science Hall as their base, with the rest of the students using the University Hall. Even as the New Building will be heavily weighted towards the natural science stream facilities, students from other majors will also be able to use it as it will have five large classrooms. **We expect the creation of a space, where non-natural science students will not feel out of place and everyone can learn together, leading to interdisciplinary academic exchange.**



献学時から学生が学び続ける本館

The University Hall where students have been studying from the time of inception

1943年竣工。旧・中島飛行機の研究所を増改築して造られた。献学時のキャンパス計画を担ったのは、当時、世界的な建築家であったW.M.ウォーリス。Built in 1943. Originally housed the Mitaka Research Institute of the Nakajima Aircraft Company, and the building was renovated and expanded. W. M. Vories, a top global architect of the time, worked on the campus design at the time of founding of the university.

新館に期待を寄せて Expectations on the New Building

リベラルアーツをさらに深化させる新館。その教室・学習環境を検討してきた「教室・新機能検討委員会」の委員長を務めた岩切学長と、理学館の移転を検討してきた「理学館移転・機能検討委員会」から岡野健教授に、新館に期待することを聞きました。

The New Building is expected to further evolve liberal arts. We interviewed President Shoichiro Iwakiri, who served as the chair of the Study Committee for Classroom and New Functions, and Prof. Ken Okano, who is a member of the Study Committee for Science Hall Relocation and Its Function, on their expectations on the New Building.



多様で異なるものとの出会いが 知のあり方を刷新し続ける

Encounters with Diverse and Different Things Will
Keep Refining the Concept of Knowledge

学長

岩切 正一郎

(前 教室・新機能検討委員会委員長)

President Shoichiro Iwakiri

(Former Chair of the Study Committee for Classroom and New Functions)

新館には、現理学館の自然科学デパートメントの研究室や実験室が移転しますが、新理学館になるわけではありません。人文・社会科学系の研究所や大教室も設置され、**リベラルアーツ的な多分野の横断と統合という意味合いを持っています**。1階に設置される、Hub Centralは、そうした学問分野間を横断するスペース、つまり、授業や研究という学術的日常における多様で自由な往来を象徴する空間であると同時に、コーヒーなどを飲みながら学生同士あるいは教員と学生がディスカッションしたり、写真展のような展示企画に利用したりと、人的交流と対話の日常が、学術的日常の中に置かれる空間でもあります。人間的な多様性と学術的な多様性がさまざまな形で出会い、創造的なモメントが連鎖していく、そのような、**リベラルアーツを象徴するような場所として存在することがHub Centralに期待されています**し、さらにこの屋内のHub Centralと対をなす屋外のQuadrangle(中庭・クアドラングル)も、同様の効果が期待されています。

また、ICUの自然科学が、オープンラボスペースやガラス張りの実験室といったかたちでより可視化されることになります。再現性と科学的普遍性によって対象の真実を探究する自然科学的な知のあり方が、実際に参加してはいなくても、ICU共同体の日常のなかに組み込まれ、ほとんど意識せずに、**一人一人の総合的な知の中へ構造化されていく効果が、これまで以上に生まれる**と思います。そして、その効果は自然科学に留まるものではありません。例えば、自然・文化・社会・科学技術の関係といった課題に取り組む環境研究の実験空間などを通じて、これからの世界へどのように創造的に関わり、さまざまな課題をどのように解決していくのか、という意識が常に活性化されることになります。世界と他者へ開かれた実存のあり方が、**多様で異質なものと出会いを通じて、常に問われ刷新される**、そのような効果も新館に期待しています。

The faculty offices and laboratories of the Natural Sciences Department located in the current Science Hall will be relocated to the New Building, but it is not going to become a new Science Hall. The New Building will also house the humanities and social sciences institutions and large classrooms, and **it bears significance in the sense of being a point of intersection and integration of multiple fields unique to liberal arts**. The Hub Central to be established in the first floor is a space that cuts across these academic fields. In other words, it is a space that symbolizes the diverse and free traffic that occurs in daily academic work such as classes and research. At the same time, it can be a space that makes the daily human interactions and dialogues, set in the academic daily life, such as when students engage in discussions among themselves or with faculty members over a cup of coffee or when using the space for photography or other exhibitions. **The Hub Central is expected to be a space that symbolizes liberal arts**, a place where human and academic diversities encounter in various forms, and leads to a sequence of creative moments. The Quadrangle (a courtyard) outside, which forms a counterpart of the Hub Central inside, is expected to have a similar impact.

Moreover, natural sciences of ICU will have more visibility as open lab spaces and glass-sided laboratories. The concept of knowledge in natural sciences, which searches the truth based on using reproducibility and scientific universality, is incorporated into the daily life of the ICU community even if there is no physical participation. Created will be an effect, more than ever, of that **concept getting structured into the overall knowledge of each and every individual**, almost unconsciously. And, this will constantly energize the awareness of how that impact will creatively engage not just with natural sciences but also with the world of the future, for example through an experimental space of environmental research tackling issues such as the relationship between nature, culture, society and scientific knowledge, and how that would solve the various issues. I am also expecting the New Building to have an impact where the concept of existence that is open to the world and others will always be questioned and **innovated through encounters with diverse and heterogeneous elements**.

ICUの存在意義が より正しく伝わることを期待

Expects it to Convey the Significance of
ICU's Existence More Accurately

理学館移転・機能検討委員会 委員

岡野 健 教授

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現在、理学館は多数の学生や教職員の動線の外にあり、その存在意義を理解する人が多くありません。そうした中で今回、理学館の機能が新館に移転することで、大勢の学生が学ぶ大教室やHub Centralと同じ建物内に自然科学系の実験室・研究室が設置されます。つまり、学内で行われている自然科学系の実験や研究活動が、多くの学生の目に留まるようになるのです。これによって、自然科学系の研究・教育に取り組む**日本唯一のリベラルアーツ・カレッジの存在意義が、学内外に正しく伝わる**ことを期待しています。

日本の戦後の教育制度は人口増加と経済成長に適応してきました。しかし、少子高齢化や労働環境の変化に対応できず、今後、この制度では国際競争力を持った人材を生み出すことが難しいと考えます。距離・時間・金銭の制約を超え、望む人に、望む条件で学ぶ場を提供することは、「一億総活躍社会」の達成のために必要な課題といえるでしょう。学問が持つ本来の意義は、人間の探究心を満足させ個々に教養を身に付けてもらうことです。理学館の機能を新館に移転することで、**学問分野を超えた、より多様な学びの機会を一人一人の学生に提供することが可能になると**考えています。

今回の施設整備におけるもう1つの目的は、私たちのキャンパスを災害に強いものに変えていくことにあります。これまでもICUでは、より停電のリスクが低い受電方法への改善などを行ってきました。今回はこれに加え、「中圧導管」という災害に強いガス管がすでに学内に引き込まれているメリットを生かし、エネルギー源に電気とガスを併用することとなりました。新館の建設後、理学館、本館と改修が進行する予定ですが、これらが完了した際には、**ICUは日本を代表する「災害に強いキャンパス」に生まれ変わるものと確信しています**。

The Science Hall currently falls outside the route of majority of the students, and faculty and staff, and not many understand the significance of its existence. The functions of the Science Hall are being relocated this time to the New Building against this backdrop, and the laboratory and faculty offices of natural science stream will be established in the same building as the large classrooms, in which lots of students are expected to study, and the Hub Central. In other words, the experiments and research activities of the natural sciences stream that are being conducted in the campus will catch the attention of many of the students. Through this, we expect **the significance of the existence of the country's only liberal arts college pursuing research and education in the natural sciences stream to be accurately conveyed within and outside the university**.

Japan's education system grew adapting to the post-war increase in population and economic growth. However, it has not been able to fully respond to the falling birthrate and aging of society nor to the changing labor environment, and going forward, it would be difficult to bring forth human resources having international competitiveness with this system. Offering a forum for learning under desired conditions, going beyond the barriers of distance, time, and money, for whoever so desires could be termed as a task necessary to achieve the Society "Promoting Dynamic Engagement of All Citizens." The significance of learning traditionally lies in satisfying the human spirit of inquiry and inculcating refinement in each individual. By moving the functions of the Science Hall to the New Building, we believe that **it would enable us to offer a more diverse learning opportunity going beyond academic fields to each and every student**.

Another aim in the facilities development being carried out now is making our campus strong against disasters. We, at ICU, have earlier carried out improvements such as switching to a power receiving system with low risk of power outage. This time, in addition to this, leveraging the disaster-resistant "moderate pressure pipeline" already installed in the campus, we were able to combine electricity and gas as energy sources. The plan is to proceed with the renovation of the Science Hall and University Hall following the completion of the New Building construction, and I am convinced that on the day these renovations are complete, **ICU will be reborn as the "disaster-resistant campus" of Japan**.