

The final round of VISION PITCH 2022 was held at ACROS Fukuoka on October 1. From a total of forty applicants (26 from Division A and 14 from Division B), eleven (six from Division A and five from Division B) were chosen to present their pitches to a large audience. Three-minute presentations were followed by five-minute jury questions. The jury consisted of the six industry and academic professionals listed below.

Mr. Shuhei Morofuji	Founder & CEO, Reapra Pte. Ltd.
Mr. Masanori Sawada	Executive Vice President, CMO, Helios
Mr. Makoto Maeda	President, Kyushu TLO Company, Limited
Dr. Hiroko Kinoshita	Assoc. Professor, Faculty of Human-Environment Studies, Kyushu university
Dr. Yasuhiro Mitani	Professor, Faculty of Engineering, Kyushu university
Dr. Yukina Takahashi	Assoc. Professor, I2CNER, Kyushu University

Each of the six committee members ranked the top three candidates based on the two criteria listed below. These were given scores, which were then counted to determine the final ranking.

- 1) Do they effectively present their own research plan? And do they respond appropriately to questions?
- 2) If the research project is excused, is the social impact deemed to be significant?

Firstly, in the first part of the competition, five students from category B appeared on stage; the five consisted of one B4 student, three M1 students and one M2 student. Despite having limited research experience, all of the presenters effectively conveyed the originality and social significance of their research topics in their three-minute presentations. Their responses to diverse questions posed by the panel of judges were generally persuasive.

In the second segment of the event, six doctoral students presented their research. They were likely more familiar with the challenges and status of their own research than the previous speakers due to their longer research carrier. Possibly as a result, there appeared to be some variation in the strategies for delivering their presentations to non-specialists. Some presentations focused on the unique and exciting characteristics of the research field rather than their own research project, while others struggled to explain their advanced research using simple language. Their pitches manifested a variety of original perspectives and creative ideas.

In the end, a total of six finalists from first to third place were awarded for each category. After the document screening, all finalists should have spent approximately one month carefully preparing for this day in order to deliver the best pitch. All of the eleven finalists, including those who did not win awards, were outstanding, eloquently demonstrating the appeal of their research and their dedication to it. We hope that they will treasure the experiences and friendships they gained from this VISION PITCH 2022, and that they will continue to enjoy and pursue their research with exuberance in the future.

Finally, we would like to thank everyone involved for their assistance in organising this event and humbly request their continued cooperation for the research activities of students and faculty of the university.

Table 1. Finalists of Division A (doctoral students)

Award	Name	School	Grade	Title
-	Laras Putri WIGATI	生物資源 (Biorec.)	D3	Development of Value-added Biscuits Produced from Edible Waste (Reduce Food Waste of Bananas using a 3D Food Printer)
-	山下 啓介/ Keisuke YAMASHITA	シス生命 (SLS)	D3	カプトガニが人類を細菌汚染から救う ～世界一の細菌検出薬開発を目指して～ (Horseshoe crabs save humankind from bacterial contamination - Towards the development of the world's best bacteria-detecting drug.)
1 <sup>st</sup>	北島千朔/ Chisaki KITAJIMA	人環 (Human Env.)	D1	生物模倣の建築設計への応用 The biomimetics for architectural design
-	Joram NTIYAKUNZE	芸工 (Design)	D3	Reconstruction of 3D model of building
2 <sup>nd</sup>	工藤 三希子/ Mikiko KUDO	シス生命 (SLS)	D3	新規分子 Akhirin は胎児の脳を細菌感染から守るバリアとして働く (The novel molecule Akhirin acts as a barrier to protect the foetal brain from bacterial infection.)
3 <sup>rd</sup>	BASIRI HAMID	総理工 (IGSES)	D3	An essential upgrade to the cosmic-ray muon-based cargo inspection systems

Table 2. Finalists of Division B (master and B4 students)

Award	Name	学府	Grade	Title (Translated title from Japanese)
-	五十川 浩希/ Hiroki ISOGAWA	総理工 (IGSES)	M2	核融合炉用トリチウム生産に向けた革新的トリチウム閉じ込め技術の開発 (Innovative tritium confinement technology for the production of tritium for fusion reactors.)
-	進藤慎人/ Makito SHINDO	共創学部 (Interdis. Sci. Innov.)	B4	キャメロンコガネコバチを用いた畜産害虫サシバエの生物的防除法の確立 (Biological control of the livestock pest stable fly using the parasitic wasp.)
3 <sup>rd</sup>	浅見昂志/ Koushi ASAMI	地球社会 (Integrated Sci.)	M1	マイクロ CT を使った昆虫標本の 3D デジタル化と NFT によるオープンソース化 (3D digitisation of insect specimens using micro-CT and open-sourcing supported by NFT)
1 <sup>st</sup>	坂本一馬/ Kazuma SAKAMOTO	生物資源 (Biores.)	M1	昆虫食をデザインする ～食用昆虫・カイコの新規食肉としての社会実装～ (Designing entomophagy - Social implementation of edible insects and silkworms as novel meat)
2 <sup>nd</sup>	吉富小都/ Sato YOSHIDOMI	医学系 (Medical Sci)	M1	Semaphorin (SEMA) をターゲットとした新規「痛み」治療薬の開発 (Development of a novel 'pain' treatment targeting Semaphorin (SEMA))

発表順に並べています。日本語で応募された研究課題の英語への翻訳は参考のため事務局が行ったものです。

The finalists are sorted by the order of their pitch. Translations into English of research proposals submitted in Japanese have been provided by the organizing committee only for reference.