

Few are those who see with their own eyes and feel with their own hearts. –Albert Einstein

自分自身の目で見、 自分自身の心で感じる人は、 とても少ない。 アルバート・アインシュタイン

Ph.D. students explain their research and future vision with a single slide in a time limit of three minutes

JOIN US TO VOTE! (Open to Public)

Register now to get your vote from HIRAKU 3MT 2019 Official Site.

ィション已 **IRAKU 3MT COMPETITION**

2019 13:00 17:30

Higashi Hiroshima Art & Culture Hall "Kurara"

Opening Remarks 13:05 Research Frontline to Create our Future! "What is HIRAKU program?" Misako Aida, Executive Vice President, Hiroshima University "Can a kite breed a hawk?" Yoshiaki Nakamura (Assistant Professor, Hiroshima University) "Creating valuable products in a greener way..." Sangita Karanjit (Appointed Assistant Professor, Tokushima University) "Message to Future Doctors" Dr. Yuko Harayama, Professor Emeritus of Tohoku University 13:20 13:30 "Create your Future in Three Minutes!" Presentation (English / Japanese) by Ph.D. Students 15:30 15:40 "Create your Future with One piece of Paper! Poster Session" by high-school students 16:40 Awards Ceremony 17:20 Closing Remarks





HIRAKU Operating Council Office (Global Career Design Center, Hiroshima University) Email: hiraku3m@hiroshima-u.ac. jp

TEL 082-424-2058

Official Website - https://home.hiroshima-u.ac.jp/hiraku/en/event/competition_2019/



Global Science Campus(GSC) Hiroshima, Hiroshima University Organization of the Leading Graduate Education Program "Phoenix Leader Education Program for Renaissance from Radiation Disaster" and "TAOYAKA PROGRAM for creating a flexible, enduring, peaceful society



















KYOWA HAKKO BIO CO., LTD. Yamaguchi Production Center, NIPPON STEEL CORPORATION, NH Foods Ltd. R&D Center, Nomura Research Institute, Ltd.



HIRAKU 3 MT COMPETITION 2019

JOIN US TO VOTE! Open to public (incl. junior/senior-high & college students)

Date **2019** / **9** / **14** (sat) 13:00~17:30



Venue Higashi Hiroshima Art & Culture Hall "Kurara"

12:30	Door	Open
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Opening Ceremony 13:00

(Opening Remarks by Yoshihisa Kawahara, Executive Vice President, Hiroshima University)

MC: Rumi BURGEL Freelance announcer

13:05

Research Frontline to Create our Future!

"HIRAKU programs to open up futures for young researchers" Misako AIDA, Executive Vice President,

Hiroshima University

"Creating valuable products in a greener way......"

Sangita Karanjit Appointed Assistant Professor, Tokushima University



Carbon dioxide (CO2) gas is an easily available resource in the air. There are concerted efforts worldwide to convert this molecule into a chemical feedstock. Very costly and high energy demanding synthetic method have been developed. Worldwide researchers are looking for inexpensive synthetic tools to construct valuable 'building blocks'. Let me demonstrate our attempts to the use of novel nanoparticles catalysts in a greener way to turn waste CO2 to value added product under milder one pot conditions.

"Can a kite breed a hawk?"

Yoshiaki Nakamura Assistant Professor, Hiroshima University



Japanese proverb says, "A kite breeding a hawk," meaning a splendid child born from common parents. Do you think that it happens only in science fiction? Not really. We are just around the corner to make it happen in a real world thanks to the development of Biotechnology. Let me tell you about the latest research I'm engaged in to have "a kite breeding a hawk", the progress up to date and how it will contribute to our society

13:20

Message to Future Doctors

Dr. Yuko Harayama, Professor Emeritus of Tohoku University

13:30

Create your Future in Three Minutes!

English

Japanese



Ph.D. students from the West-Japan showcase their research in a time limit of three minutes.

Refer to HIRAKU 3MT official website to check presenters

15:30

15:40

Create your Future with One piece of Paper! Poster Session

High-school students or future researchers-to-be will make poster presentation.

Refer to HIRAKU 3MT official website to check presenters

16:40

Awards Ceremony

17:20

Closing Ceremony

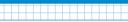
(Closing Remarks by Takuya Sasaki, Executive Director, Tokushima University)

Program is subject to change

Prizes

- ★ Winner (Judge's choice)
- ★ Global Challenge Award
- ★ Runner-up
- ★ People's Choice
- ★ Sponsor Awards
- Otsuka Award
- **TODA KOGYO Award**
- KONICA MINOLTA Award Springer Nature Award
 - JSW Award Micron Award
- Chugai Technos Award
- Mazda Award

People's Choice will be determined by vour vote!





The HIRAKU program is operated by Hiroshima University as the Lead Partner Organization, Yamaguchi University and Tokushima University as Partner Organizations. It nurtures young researchers with cross-disciplinary challenges, which will eventually enhance their will and passion to change society. The program forms the industry-academia-government consortium, engaging national, prefectural, municipal, and private universities mainly in the Chugoku and Shikoku regions, as well as a large number of institutions/corporations in public and private sectors, aiming to increase opportunities to leverage exceptional competencies of young researchers that lead future generation.



