

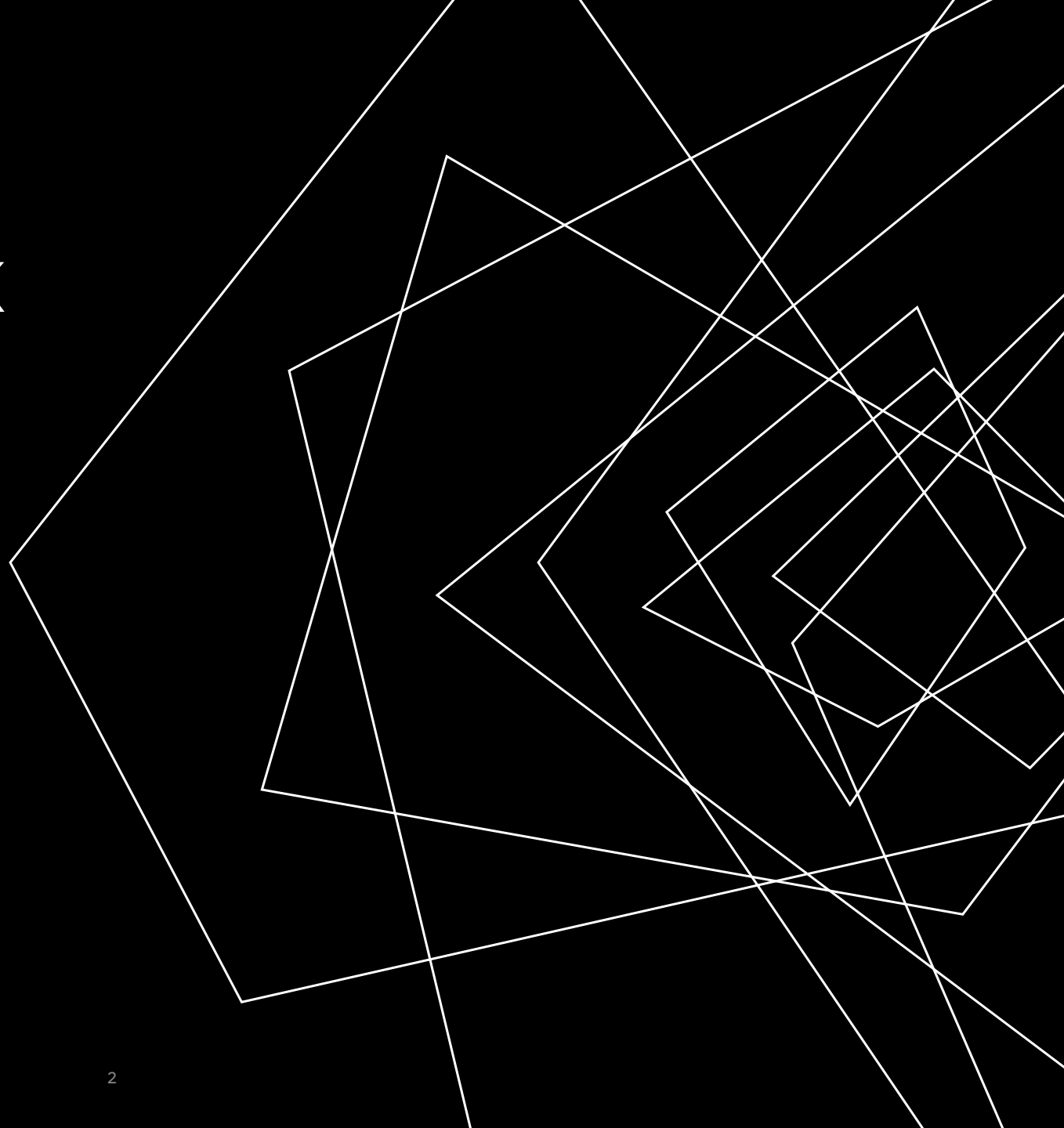
The top-left portion of the slide features a complex, abstract graphic composed of several thin, black, overlapping lines that form various geometric shapes, including triangles and polygons, creating a sense of depth and movement.

WELCOME AND INTRODUCTION

Zachary J. Liptak

Hiroshima University Graduate School of
Advanced Science and Engineering

**WELCOME AND THANK
YOU FOR ATTENDING!**



About this workshop



Workshop on Polarized Beams
Hiroshima University,
Higashihiroshima, Japan
Feb. 8-10, 2023

A first workshop to facilitate discussion and knowledge sharing of all facets of polarized beams for current- and future-generation accelerators. Session times are intended to be flexible to allow for discussion and so speakers needn't worry about running out of time.

Format: Hybrid (in-person/online) format, with in-person meetings taking place at Hiroshima University.
Registration and Information: <https://indico.belle2.org/event/7500/>
Contact:
Zachary Liptak (zjl@hiroshima-u.ac.jp)

Aiming to bring together researchers from the wider accelerator community with an interest in polarized beam physics!

By sharing our expertise with each other, our community can grow stronger and be ready for the next generation of accelerators and detectors.

It's been made possible by a Hiroshima University Network Support Grant (広島大学ネットワーク形成支援助成) for the 22 FY.

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At this workshop we have:

- 21 participants representing 15 institutions from Asia, Europe, and North America
- 10 speakers representing SuperKEKB/Belle II, FCC-ee, EIC and also more general polarization topics

The workshop is being held in a hybrid in-person/online format. The schedule has been set up to make it possible for North American speakers to present in the morning JST and Europeans to speak in the afternoon.

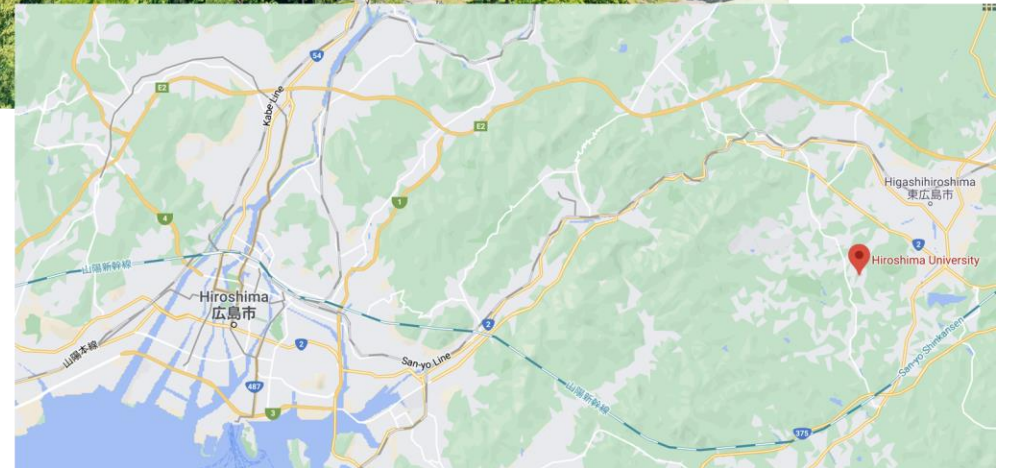
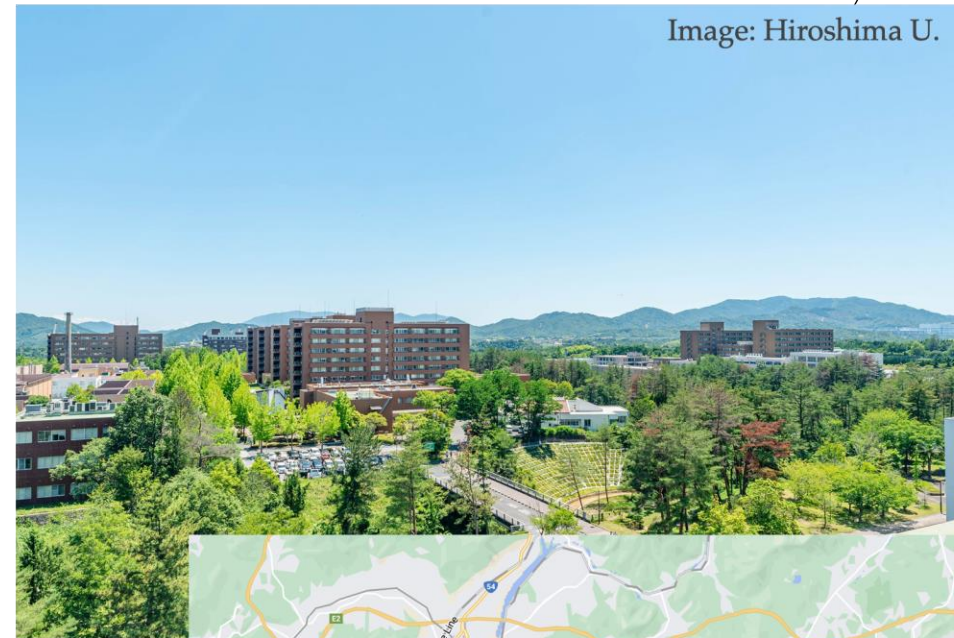
About this workshop

<input type="checkbox"/>	1	Theories and simulations of dep	08/02/2023, 10:00	50m
<input type="checkbox"/>	2	Status of Chiral Belle Spin Rotat	08/02/2023, 11:00	50m
<input type="checkbox"/>	3	Polarized Beam Generation from	08/02/2023, 12:00	50m
<input type="checkbox"/>	4	Overview of beam-energy calibr	08/02/2023, 16:00	50m
<input type="checkbox"/>	5	Monochromatization at FCC-ee	08/02/2023, 17:00	50m
<input type="checkbox"/>	6	Overview of Chiral Belle	09/02/2023, 09:00	50m
<input type="checkbox"/>	7	Overview of our resonance-free	09/02/2023, 10:00	50m
<input type="checkbox"/>	8	Tau Polarimetry	09/02/2023, 11:00	50m
<input type="checkbox"/>	9	Real time laser polarimetry for C	09/02/2023, 12:00	50m
<input type="checkbox"/>	10	Update of the sensitivities studie	09/02/2023, 15:30	50m
<input type="checkbox"/>	11	Polarization studies at the FCC- e	09/02/2023, 16:30	50m

We have 11 talks planned over the course of two days, covering a variety of beam polarization topics, both general and experiment-specific.

About HU

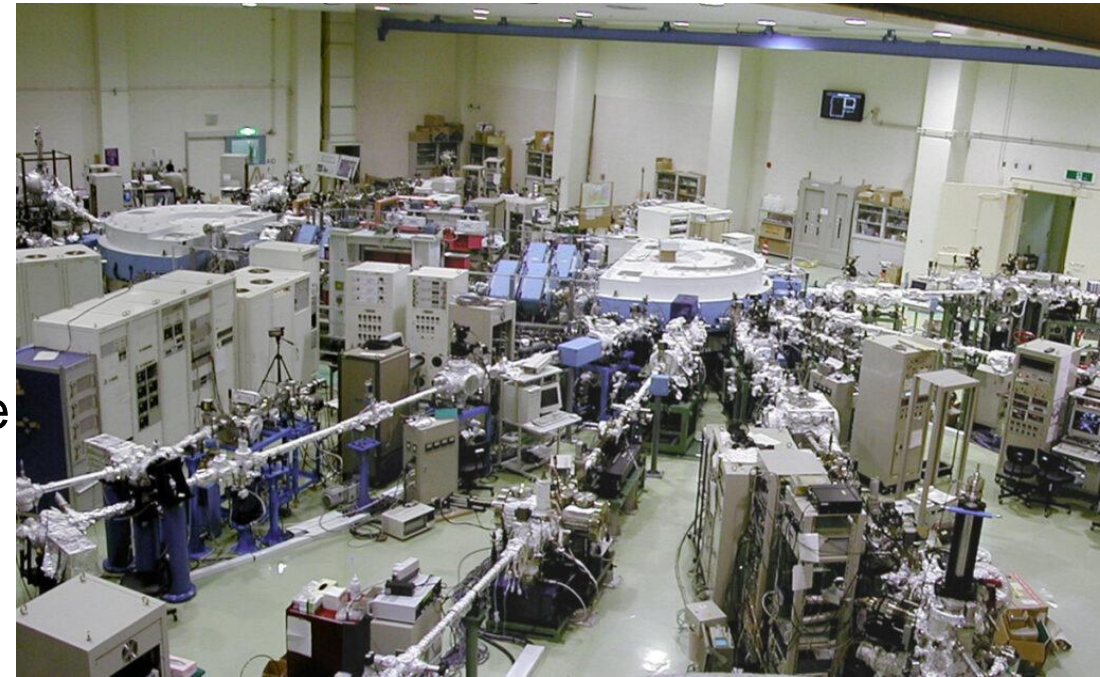
- ❖ National University (国立大学) located mainly in Higashihiroshima city, Hiroshima Prefecture, Japan
 - ❖ Two smaller campuses located in Hiroshima city
- ❖ Founded in 1949 by combining existing university programs in Hiroshima Prefecture
- ❖ Enrollment of ~15,000 students (undergrad + graduate)
- ❖ Designated a Type A Super Global University by MEXT in 2014
 - ❖ “...world-class universities that have the potential to be ranked in the top 100 in world university rankings”
 - ❖ One of 13 such universities, along with U. Tokyo, Kyoto U., and U. Tsukuba



Accelerator Science at Hiroshima University

- FIVE ACCELERATOR-RELATED GROUPS WORKING AT HU:
 - ACCELERATOR PHYSICS GROUP
 - BEAM PHYSICS GROUP
 - LIGHT SOURCE GROUP (HISOR)
 - HIGH ENERGY PHYSICS GROUP
 - QUARK PHYSICS GROUP

One of the largest University-based accelerator graduate programs in Asia



About Hiroshima

- Hiroshima Prefecture is located in Western Japan, in the Chūgoku region of Honshū.
- Largest city & capital is Hiroshima City; Higashihiroshima & most of the Hiroshima University campus are about 30 km to the east.
- Home to 2 UNESCO world heritage sites:
 - Atomic bomb dome
 - Miyajima Shrine
- Also home to Mazda HQ



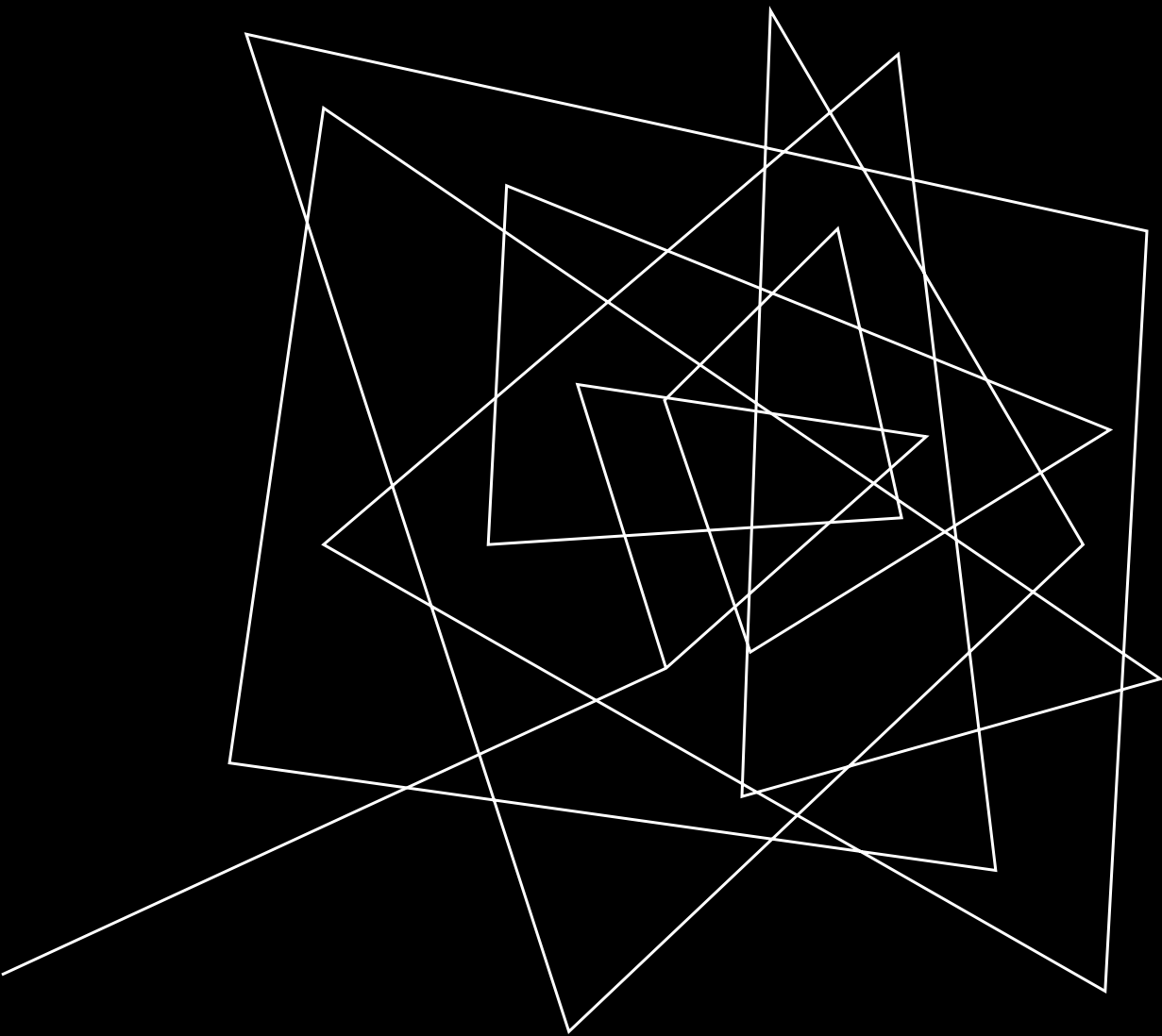
About Hiroshima



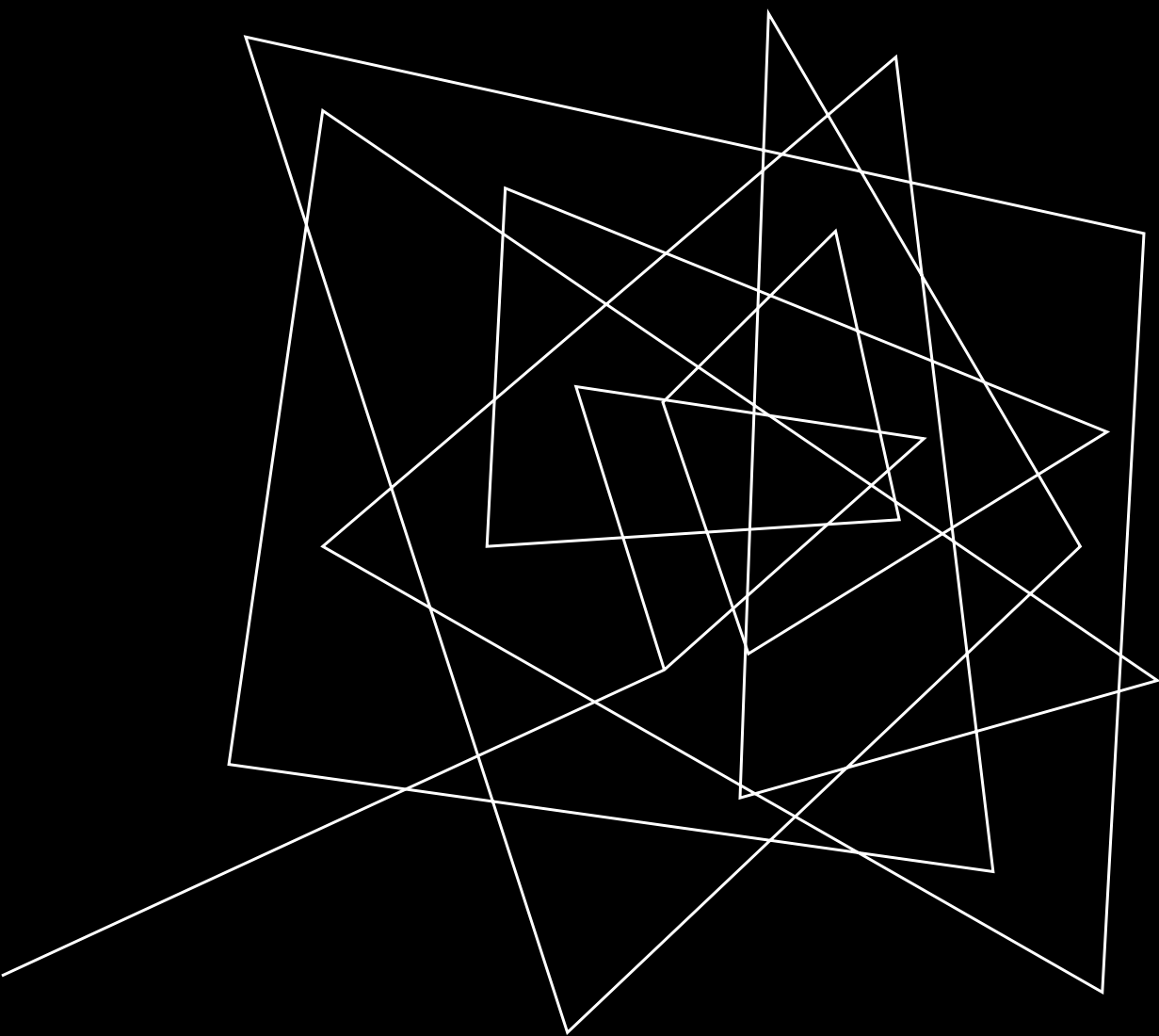
Higashiroshima and Saijo Town

- Name means 'East Hiroshima,' and is in the Saijo basin at an elevation of ~250 m.
- The town is famous within Japan as a center of saké (rice wine) brewing:
 - 8 breweries are located in Saijo town, the main 'city center'
 - Also home to the National Research Institute for Brewing (酒類総合研究所)
 - Also known for distinct red-brown colored roofing tiles





LET'S KEEP OUR
COLLABORATION
GOING IN THE
FUTURE!



LET'S HAVE AN
INFORMATIVE
AND PRODUCTIVE
WORKSHOP!