

13th International “Hiroshima” Symposium on the Development and Application of Semiconductor Tracking Detectors (HSTD13)

SFU

TRIUMF

Welcome to Symposium on behalf of IAC+IOC Y. (Nobu) Unno (KEK)

The symposium is made possible by all
contributions, not only your scientific
but also industrial ones, and
importantly your participation, in-
person ... Thank you!!!

KEY DATES

Abstract submission: May 1st – August 15th

Registration: May 1st – November 1st

TOPICS

Simulations / Pixel and Strip Sensors /
Avalanche-based Sensors / Radiation Tolerant
Materials / ASICs / Descriptors / Calorimetry /
Detector Concepts / Applications in
Astrophysics, Biology, Medicine and Medical
Equipments / New Ideas and
Future Applications

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Wosk Centre for Dialogue

December 3-8, 2023

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2023/12/4
ESC
ENVIRONMENTAL
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ENHANCING ENVIRONMENTS FOR SUCCESS



INFO / CONTACT

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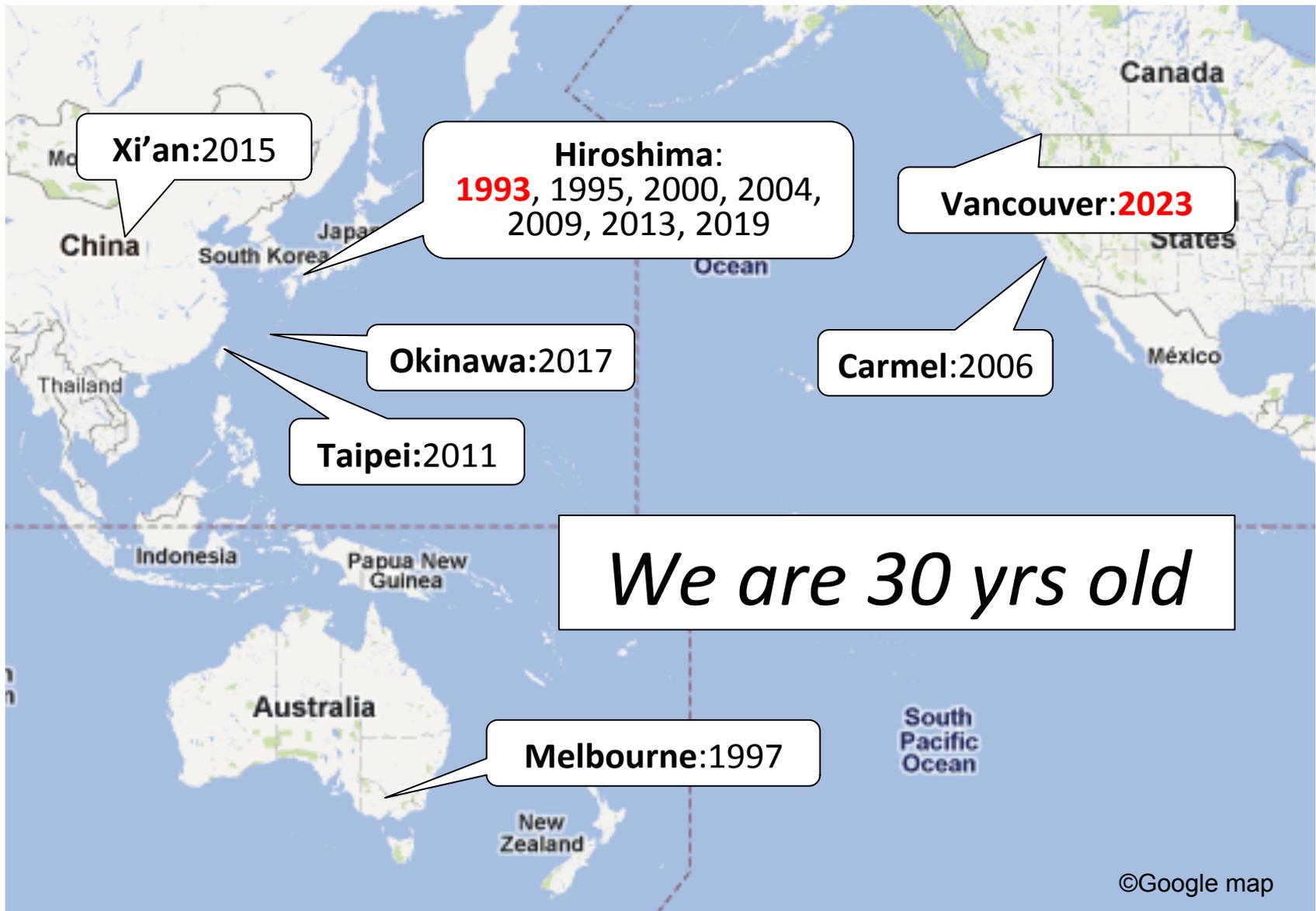
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Thank you for all your contributions

Some history...

- COVID-19 ...
- It has spread over around the world, just after the last symposium in 2019
- The pandemic has prevented us 4 years ... and
- Finally, we have resumed, in 2023, here in Vancouver
- In retrospect, the previous venues are ...



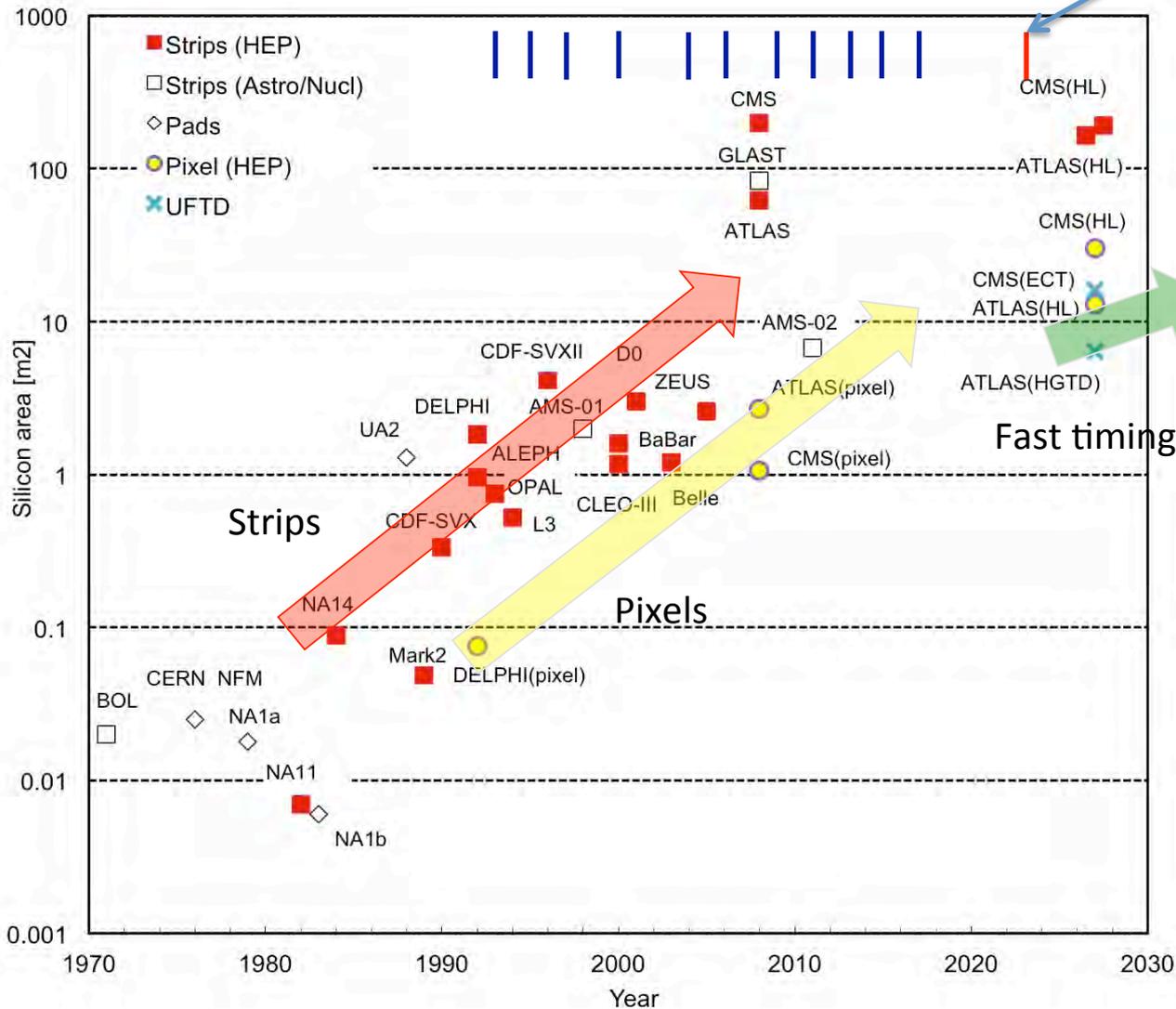
“Hiroshima” symposia around the Pacific rim, every 2-3 yrs, alternating Hiroshima and outside, in tradition...

and this is the 1st...



- in 1993, on the boat to a small island for an oyster barbeque...

"Moore's" law with HSTD series



We have been "witnessing" the development of

- strips to mature
- pixels, as well
- currently, fast timing detectors

Our motivations and goals

- To bring together experts
 - in the design, processing, and applications, and
 - to discuss experiences, lessons learned, and new ideas even in early development stages
- To publish the achievements
 - to be the reference in the field [1-12]
- Publications:
 - [1] 1993 Hiroshima (Nucl. Instr. Meth. A342, 1-308, 1994)
 - [2] 1995 Hiroshima (Nucl. Instr. Meth. A383, 1-266, 1996)
 - [3] 1997 Melbourne (not published)
 - [4] 2000 Hiroshima (Nucl. Instr. Meth. A466, 243-428, 2003)
 - [5] 2004 Hiroshima (Nucl. Instr. Meth. A541, 1-466, 2005)
 - [6] 2006 Carmel (Nucl. Instr. Meth. A579, 557-914, 2007)
 - [7] 2009 Hiroshima (Nucl. Instr. Meth. A636 Supplement 1, S1-S256, 2011)
 - [8] 2011 Taipei (Nucl. Instr. Meth. A699, 1-250, 2013)
 - [9] 2013 Hiroshima (Nucl. Instr. Meth. A765, 1-296, 2014)
 - [10] 2015 Xi'an (Nucl. Instr. Meth. A831, 1-448, 2016).
 - [11] 2017 Okinawa (Nucl. Instr. Meth. A924, 1-484, 2019)
 - [12] 2019 Hiroshima (SI:HSTD special issue sections in regular Nucl. Instr. Meth. issues – A new policy of publisher)

Many chances for discussions

- Not only in the oral presentations,
- We have set the symposium to be unique with the poster sessions,
 - we set "all" coffee/tea breaks as the poster sessions
 - which make the presenters and the audiences can relax, with coffee/tea in hands, to be stimulated to have many discussions, as well as person-to-person interactions
 - we have at least 6 breaks/posters, each with 1 hr, during the week
 - please use the chance maximally

So, ...

- Welcome to the 13th symposium
- Enjoy the presentations, orals and posters, and personal interactions, and ...
- Enjoy the social events in the evenings that LOC has made available to us...