

WCTC 2024 Osaka, JAPAN

MAY.21-24

World Cutting Tool Conference

Purpose of WCTC 2024 :

WA Hospitality

Conference **Program**

Venue : **Osaka International Convention Center**



Organizer : Japan Cutting & Wear-resistant Tool Association (JTA)

Co-organizer : European Cutting Tool Association (ECTA)
United States Cutting Tool Institute (USCTI)

<https://www.wctc2024.com>



Sponsors

Platinum



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Silver



Bronze



Agenda / Content

Sponsors.....	2
Welcome Address.....	4
Program.....	5
Social Plans	8
Technical Visit, Sightseeing Tours.....	11
Conference Venue.....	15
Tips in Osaka.....	16

Purpose of WCTC 2024: WA Hospitality

WA is a Japanese word, and we use two kinds of WA here: WA (和) and WA (輪). WA (和) has long been used to refer to "Japan", and also has the meanings of "soften", "harmony" and "peace". By "softening" and "harmonizing," it becomes "peace", and WA can mean "Japan, a peaceful country". WA (輪) refers to the mutual connection of people and things, and this WA is used in the sense of a "circle" of relationships. WCTC 2024 aims to present the current status, research and results of cutting tools in each region and deepen the exchange among the participants. Aiming to unite the world's cutting tool industry and form a "Global WA (circle)", you can experience the tradition, culture and quality of "Japan's WA (peaceful Japan)".

About the World Cutting Tools Conference (WCTC)

Every three years WCTC provides the global forum and networking event for manufacturers of cutting tools and holding fixtures. The WCTC 2024 will take place from May 21st to 24th in Osaka, Japan, situated in the heart of Japan. Osaka is a city known for its modern architecture and vibrant street life, and just as in our previous conference in Rottach-Egern, Germany in 2019, we will feature high-ranking speakers, and offer exclusive technical visits and sightseeing tours.

The WCTC continues to provide a unique opportunity to bring together stakeholders from the cutting tools industry. Participants can look forward to interacting directly with leading companies in the field and discovering new perspectives.

Conference Organizers

Organizer



Japan Cutting & Wear-resistant Tool Association (JTA)
12F GYB Akihabara 2-25 Kandasudacho, Chiyoda-ku, Tokyo 101-0041, Japan
TEL: +81-3-3526-6200 FAX: +81-3- 3526-6301

Co-organizers



European Cutting Tool Association (ECTA)



United States Cutting Tool Institute (USCTI)

Contact

Secretariat

Japan Cutting & Wear-resistant Tool Association (JTA)
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日本語の情報は日本語のホームページをご覧ください。
<https://www.wctc2024.com/jp/index.html>



Welcome Address

World Cutting Tool Conference 2024 (WCTC 2024)

President **Katsuhiro Matsumoto**

JTA Chairman



We are pleased to announce that the World Cutting Tool Conference 2024 (WCTC 2024) will be held at the Osaka International Convention Center in Osaka City from May 21 (Tuesday) to May 24 (Friday), 2024. We would like to thank all of you for your support.

This international conference had been initiated by Mr. Anders Ilstam, former president of the ECTA (European Cutting Tool Association), and it had been organized as the World Cutting Tool Conference (WCTC) in cooperation with the USCTI (United States Cutting Tool Institute). As for Japan, the Japan Solid Cutting Tools' Association (with 16 members including Kazuo KOYANAGI, former president of the Japan Solid Cutting Tools' Association) participated in the first conference (April 1998, Florida, USA), and since the second conference (May 2001, Edinburgh, UK) we have been participating every time as "Japan Cutting Tool Association (JCTA)", a joint organization with the Japan Cemented Carbide Tool Manufacturer's Association and the Japan Solid Cutting Tools' Association.

This will be the second time that the conference will be held in Japan, following the Kyoto conference in 2013, which had been the first conference to be held in Asia.

This time it will be held in Osaka, which is undergoing a dramatic transformation in preparation for the World Expo 2025. We hope that this conference will produce great results and contribute to the further development of the industry and the international cooperation.

Sincerely,

Program

Overview

	Morning	Afternoon	Evening
May 21 (Tue)		Board of Directors Meeting	18:30-20:30 Opening Reception
May 22 (Wed)	9:30-11:45 Opening Ceremony Sponsored Speech Lecture Accompanying Persons' Program	Technical Visit Sightseeing Tour	19:00-21:00 Reception & Dinner
May 23 (Thu)	9:00-11:20 Lecture Accompanying Persons' Program	Sightseeing Tour	18:30-21:00 Gala Dinner
May 24 (Fri)	9:30-11:30 Sponsored Speech Closing Ceremony Lecture Accompanying Persons' Program		

* The listed information is as of May 9th, and is subject to change.
* honorific titles are omitted

🌐 May 22 (Wed)

9:30 Opening Ceremony

Greeting and report from Japan

Katsuhiro Matsumoto

President, World Cutting Tool Conference 2024 (WCTC 2024)
Chairman, Japan Cutting & Wear-resistant Tool Association (JTA)
NACHI-FUJIKOSHI CORP.

Report from Europe

Federico Costa

President, European Cutting Tool Association (ECTA)
Febametal S.p.A.

Report from USA

Tom Haag

Chairman, United States Cutting Tool Institute (USCTI)
Kyocera SGS Precision Tool

Report from Korea

Hokeun Song

YG-1 CO., LTD.

Report from India

Sunil Taneja
Ind-Sphinx Precision Ltd.

10:32 Sponsored Speech Makino Seiki Co.,Ltd.

10:47 Lecture

Realization of a Sustainable Space Environment and
Entrepreneurship in the Reiwa Era



Nobu Okada
Founder and CEO, Astroscale Holdings

May 23 (Thu)

9:00 Lecture

Trends in the Japanese Automotive Industry and Expectations
for the Tool Industry



Yu Yamamoto
Powertrain Manufacturing Base Technology Dept.,
Toyota Motor Corporation

10:05 ~ 10:20 Break

10:20 Lecture

Introduction Examples and Latest Trends of Robot Automation
at Processing Sites Using Processing Machine



Atsushi Saika
Deputy General manager, Robot System Dept, Robot
Division, Nachi-Fujikoshi Corp.

 **May 24 (Fri)**

- 9:30 Sponsored Speech
1. WAIDA MFG.CO.,LTD.
 2. Hikari Kikai Seisakusho Co., Ltd.

10:05 Lecture

Simulation Based Machining of Advanced Materials



Takashi Matsumura
Mechanical Engineering, Tokyo Denki University

11:05 Closing Ceremony

- Greetings
- President, European Cutting Tool Association (ECTA)
President, United States Cutting Tool Institute (USCTI)
- Closing remarks
- Sahashi Toshiyuki**
Vice President, Japan Cutting & Wear-resistant Tool Association (JTA)
Sumitomo Electric Industries, Ltd.

Social Plans

The attendees and accompanying persons can join the following social programs.

Opening Reception

Date & Time	May 21 (Tue) 18:30-20:30pm
Venue	Manyo Room (3rd floor) in Crowne Plaza - ANA Osaka, an IHG Hotel 1 Chome-3-1 Dojimahama, Kita Ward, Osaka, 530-0004 Phone: +81-6-6347-1112 Official site: https://www.anacrowneplaza-osaka.jp/en/



* Since this is the first day of the whole program, the registration desk will be set up at the venue. The registrants and the accompany persons will be able to arrive directly and check in.



Exterior (image)



Venue (image/*The reception will be in the buffet style)

Buffet (image)

Reception & Dinner

Date & Time	May 22 (Wed) 19:00-21:00pm
Venue	The Garden Oriental Osaka 10 - 35 Amijima cho, Miyakojima-ku Osaka-shi, Osaka 534-0026 Phone: +81-(0)6-6358-5533 Official website: https://www.gardenoriental.com/



A beautiful urban guesthouse with a vast site of approximately 1,000 square meters and a lush garden. Enjoy the course meals with seasonal ingredients in the space that exudes historical dignity.



Exterior (image)



Venue (image)



Course meal (image)

Gala Dinner

Date & Time	May 23 (Thu) 18:30-19:00 Welcome cocktail party 19:00-21:00 Gala dinner
Venue	Akashi Room in Sumiyoshi Taisha, Kisshoden Room: 2-9-89 Sumiyoshi, Sumiyoshi-ku, Osaka 558-0045 Phone: +81-(0)6-6675-3591 Official website: https://sumiyoshitaisha.jp/en/



The headquarters of approximately 2,300 Sumiyoshi Shrines throughout Japan. Enjoy the gala dinner after visiting the main shrine, which had been designated as a national treasure.



Main shrine of Sumiyoshi Taisha (image / provided by Sumiyoshi Taisha)

Ondekoza(image)



Venue (image)

Course meal (image)

Tours

Tours and Accompanying persons' programs will be offered as the followings.

T22-3 May 22 (Wed) MST Corporation Factory Tour

Itinerary

Maximum Participants: 60 persons

Minimum number of participants: 1 person.

MST corporation



The factory tour allows you to see everything inside our factory and office.

Depart from the venue by chartered coach

13:00

MST corporation

14:00-16:00

Return to the hotel

17:00

Automation / Manpower savings

Tackling automation and manpower savings with AGV, robots and process integration



Live machine demonstration

Various cutting demonstrations using a variety of machines



T22-2 May 22 (Wed) Kirin Kobe Beer Factory

Itinerary

Maximum Participants: 30 persons

Minimum number of participants: 15 persons.



Depart from the venue by chartered coach

12:40

Kirin Kobe Beer Factory

13:40-15:15

Return to the hotel

16:15

Chartered coach, English Speaking Guide, Escort



T22-1 May 22 (Wed) Kobe Shushinkan (Japanese Sake Brewery)

Itinerary

Maximum Participants: 40 persons

Minimum number of participants: 15 persons.

Depart from the venue by chartered coach

13:00

Kobe Shushinkan

14:00-15:30

Return to the hotel

16:30

Chartered coach, English Speaking Guide, Escort

The Destination Information

Kobe Shushinkan (Japanese Sake Brewery)

Sake brewing is the harmonious integration of nature's processes and human skills. The preservation and advancement of breweries not only are indispensable for understanding Japan's history, traditions, and culture, but



also form the foundation for the future development and improvement of culture. The Kobe Shushinkan, based on these principles, embraces both tradition and innovation, and this ethos has been passed down through generations.



T23-1 May 23 (Thu) Osaka Castle

Itinerary

Maximum Participants: 74 persons

Minimum number of participants: 1 person.

Depart from
the venue by
chartered coach

12:30

Osaka Castle

13:30-14:30

Return to
the hotel

15:30

Chartered coach, English Speaking Guide, Escort

The Destination Information

Osaka Castle

Osaka Castle has a deep and continuous connection with Japanese history up to the present day, starting as the main temple of Osaka (Ishiyama Honganji Temple) during the Sengoku period, had witnessed the Ishiyama Battle fought against General Nobunaga Oda, the construction by General Hideyoshi Toyotomi, the fall during the Siege of Osaka, the reconstruction by the Tokugawa shogunate, the destruction during the turbulence of the Meiji Restoration, its subsequent administration by the Imperial Japanese Army, and after the war, having been developed into a public park. The stone walls, moat, and historic structures such as the Otomon Gate, Tamon Yagura, and Sengan Yagura that can be seen today are all from the Tokugawa period, and the entire area is designated as a special historic site, and most of the historic structures are designated as important cultural properties. The main castle tower is the third generation, rebuilt in 1931 through donations from the citizens. It has a history of over 90 years and is also designated as a registered cultural property. Since its restoration, it has functioned as a historical museum called Osaka Castle Tower, housing a rich collection of cultural properties related to General Hideyoshi Toyotomi, the Sengoku period, and the history of Osaka Castle, which artifacts are displayed in the internal exhibition rooms that changes regularly.



Accompanying Persons' Programs

A1 May 22 (Wed) Visit to Sakai Traditional Crafts Museum and Tea Ceremony Experience in Sakai City

Itinerary

Maximum Participants: 60 persons

Minimum number of participants: 1 person.

Depart from
the hotel by
chartered coach

9:00

Sakai Traditional Crafts Museum
and tea ceremony experience *

9:40-11:20

Return to
the venue

12:00

* The group will be Divided into 2 groups and take turns.
The participants will need to walk between the two venues.

The Destination Information

Sakai Plaza of Rikyu and Akiko tea ceremony experience

The first-time visitors can enjoy the authentic tea room.

Under the guidance of a tea ceremony master, you will not



only experience the etiquette of the tea ceremony, such as nijiri, sitting seiza, admiring the Tokonoma (alcove), and how to serve sweets and tea, but you will also be able to actually make tea yourself.

Sakai Traditional Crafts Museum

The museum introduces "5 points" for better understanding of Sakai cutlery: "Japan's representative cutlery production area," "the history of Sakai connected to metal processing," "forged cutlery," "division of labor," "Overwhelming popularity and support from professional chefs."

The French inbound coordinator in Sakai City, Osaka Prefecture with experience as a blacksmith will explain about the cutlery.



A2 May 23 (Thu) Food Sample Making & Walking around Sennichimae Doguyasuji Shopping Street

Itinerary

Maximum Participants: 60 persons

Minimum number of participants: 1 person.

Depart from the hotel by chartered coach	Food Sample making	Walking around Sennichimae Doguyasuji Shopping Street	Return to the venue
9:00	9:30	10:30	11:30

Sennichimae Doguyasuji Shopping Street

Minami, Osaka, which was known as the kitchen of the nation in the Edo period, and is also famous today as a city with a rich food culture, is home to Sennichimae Doguyasuji Shopping Street, which is famous for the saying, "If you want to start a restaurant, just go to the Dogu Shop!" Recently, not only restaurant owners and professional chefs, but also the general public and tourists come visit the street, making it a popular tourist destination.

Food Sample making

Food samples, also called "food models" or "cooking samples," are models of dishes displayed at the facade of or inside restaurants. Each of them serves as a menu by visually describing the product in detail and presenting the name and price next to them. They can tell the guests what kind of dishes, quantities, and ingredients being contained by just looking at it, so in recent years, increasing number of food samples has been demanded at restaurants catering to both national and international visitors.



A3 May 24 (Fri) Japanese culture experience 1 Kimono Dressing, 2 Origami

Program at the venue

Maximum Participants: 60 persons

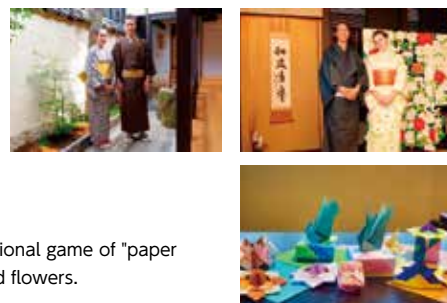
Minimum number of participants: 1 person.

9:30-10:30 Kimono Dressing

This is a course where you can wear casual kimono. Kimono is a lighthearted and playful attire that can be used for various occasions other than formal events.

10:30-11:30 Origami

Please feel the creativity of Japanese people through this traditional game of "paper folding" that transforms into various shapes such as animals and flowers.

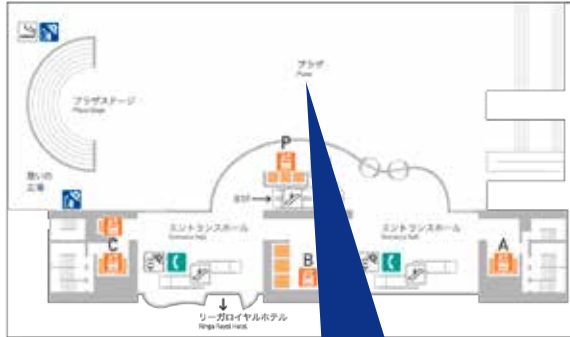


Departure and Arrival Locations of the Chartered Coaches

Osaka International Convention Center (Grand Cube Osaka)

5 Chome-3-51 Nakanoshima, Kita Ward, Osaka, 530-0005

1st Floor Plaza
(Entrance Hall)



Departure and arrival location

Time Schedule

May 22 (Wed) | 12:40 PM Kirin Kobe Beer Factory Tour
13:00 PM MST Corporation Factory Tour
13:00 PM Kobe Shushinkan Tour

May 23 (Thu) | 12:30 PM Osaka Castle Tour

May 24 (Fri) | 12:30 PM Crowne Plaza - ANA Osaka, an IHG Hotel / Arrive at 12:40 PM

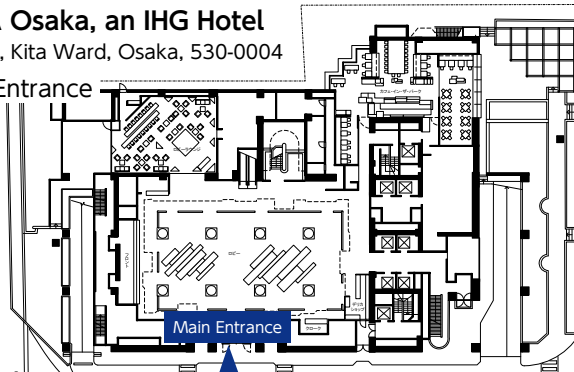
*An escort or guide will wait for you at around the entrance and escort you to the bus.



Crowne Plaza - ANA Osaka, an IHG Hotel

1 Chome-3-1 Dojimahama, Kita Ward, Osaka, 530-0004

In front of the Main Entrance
(1st Floor)



Departure and arrival location

Time Schedule

May 22 (Wed) | ①08:45 AM Osaka International Convention Center / Arrive at 8:55 AM
②09:10 AM Osaka International Convention Center / Arrive at 9:20 AM
09:00 AM Sakai Traditional Crafts Museum and Tea Ceremony Tour
18:00 PM The Garden Oriental Osaka (Reception & Dinner) / Arrive at 18:30 PM

May 23 (Thu) | ①08:15 AM Osaka International Convention Center / Arrive at 8:25 AM
②08:40 AM Osaka International Convention Center / Arrive at 8:50 AM
09:00 AM Food Sample Making & Shopping Street Tour
16:45 PM Sumiyoshi Taisha (Gala dinner) / Arrive at 17:30 PM

May 24 (Fri) | ①08:45 AM Osaka International Convention Center / Arrive at 8:55 AM
②09:10 AM Osaka International Convention Center / Arrive at 9:20 AM

*An escort or guide will wait for you at around the entrance and escort you to the bus.

Conference Venue

Venue Information

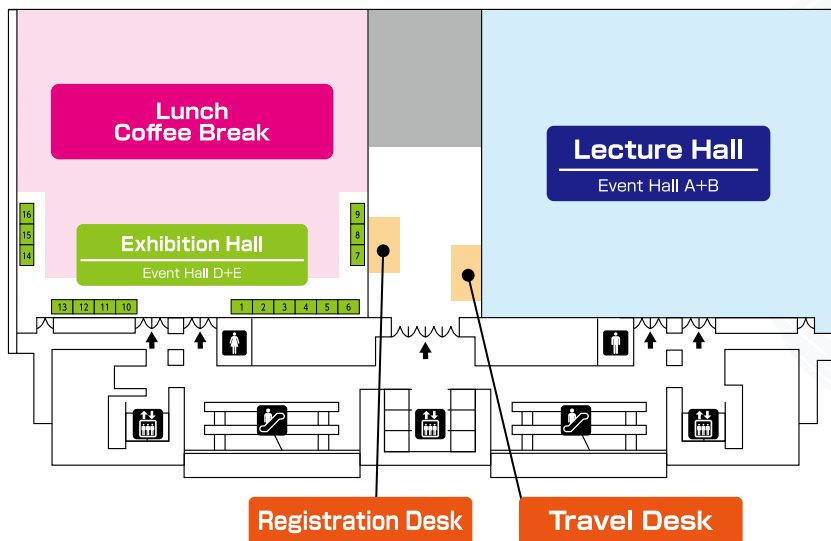
Osaka International Convention Center (Grand Cube Osaka)

5 Chome-3-51 Nakanoshima, Kita Ward, Osaka, 530-0005

Phone: +81-6-4803-5555

Official site: <https://www.gco.co.jp/en/>

3F



Exhibitors

1.	Makino Seiki Co.,Ltd.
2.	ISBE GmbH
3.	CIMSOURCE Japan K.K.
4.	Hyperion Materials & Technologies
5.	CemeCon K.K
6.	Hikari Kikai Seisakusho Co., Ltd.
7.	Rollomatic SA
8.	Paul Horn GmbH
9.	REGO-FIX AG
10.	WAIDA MFG.CO.,LTD.
11.	Transor Filter USA
12.	Blaser Swissslube AG
13.	AGATHON AG
14.	rose plastic AG
15.	ZOLLER Japan K.K.
16.	Tyrolit - Schleifmittelwerke Swarovski AG & Co K.G - Schwaz

Registration Desk Open Hours

May 21 (Tue): 1:00PM - 8:00 PM
@Crowne Plaza - ANA Osaka, an IHG Hotel

May 22 (Wed): 9:00 AM - 12:00 PM

May 23 (Thu): 8:30 AM - 12:00 PM

May 24 (Fri): 9:00 AM - 11:00 AM

Tips in Osaka

Osaka is geographically located in the center of Japan's main island. It is known as the second largest city after Tokyo, the capital of Japan, from an economic point of view. Osaka City has a population of approximately 2.72 million and an area of approximately 225.21 square kilometers. About 10% of foreigners living in Japan live in Osaka. There are 43 municipalities in Osaka Prefecture, and the Osaka Prefectural Office and the economic center are concentrated in Osaka City.



Osaka International Convention Center is located in the Nakanoshima area, which is one of the symbolic areas in the administrative plan "Grand Design Osaka" compiled by Osaka Prefecture and Osaka City in June 2012. The area has long been the center of economy, culture, and administration in the old Edo period. It was lined with storehouses that collected goods transported from Osaka Bay, and has developed as the economic center of Osaka. Today, there are the Osaka City Hall and many office buildings in the area and is the political and economic center of Osaka City. In addition, it is a symbolic island of waterside Osaka where you can feel the charm of the waterside, sandwiched between the Dojima River and the Tosabori River, which are branches of the Yodo River, with a concentration of stately historical buildings and cultural facilities.

A further point to note is that Osaka plans to host the World Expo in 2025. The purpose of the event is indicated on the official website as follows, and Osaka will continue to develop as an international city in the future. World Expo has both cohesive and communication capabilities. We will use these capabilities as a trigger to sustain growth and development of Osaka, Kansai as well as Japan following on from the 2020 Tokyo Olympics and Paralympics.

Osaka is well-known as a gourmet city and you can enjoy a variety of unique Japanese meals at reasonable prices such as takoyaki, okonomiyaki, kushikatsu, udon, and Osaka sushi. If you go a little further, you can enjoy shopping in areas such as Umeda, Shinsaibashi, and Namba. Please have a great time not only for the congress sessions but also your stay in Japan.



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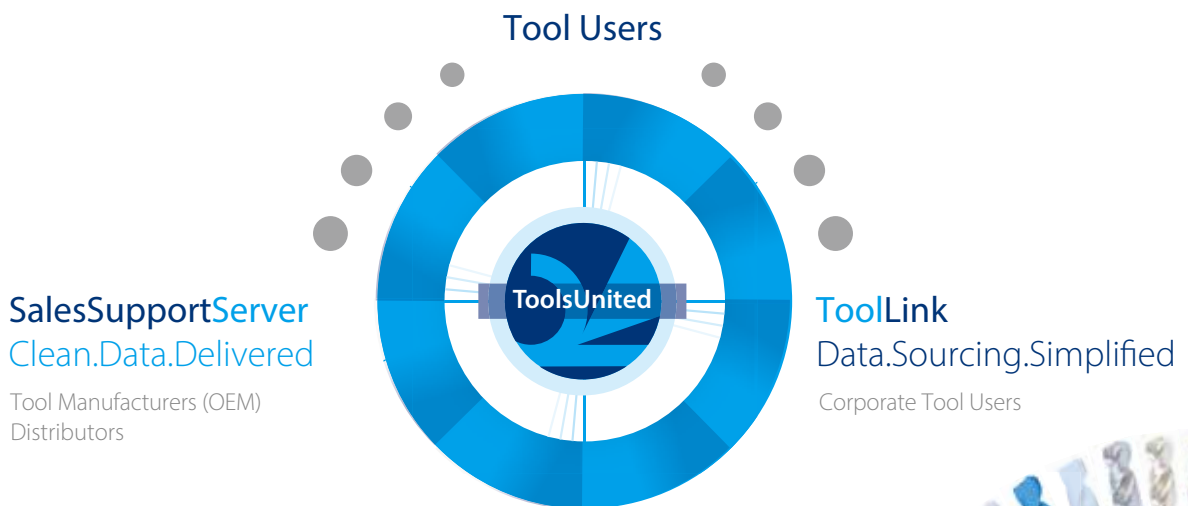
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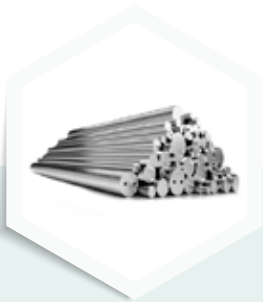
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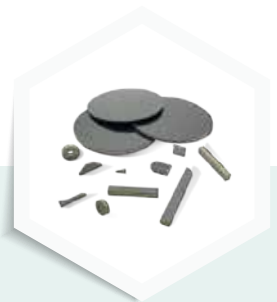
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Rollomatic SA

Simon Stalder
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Blaser Swisslube AG

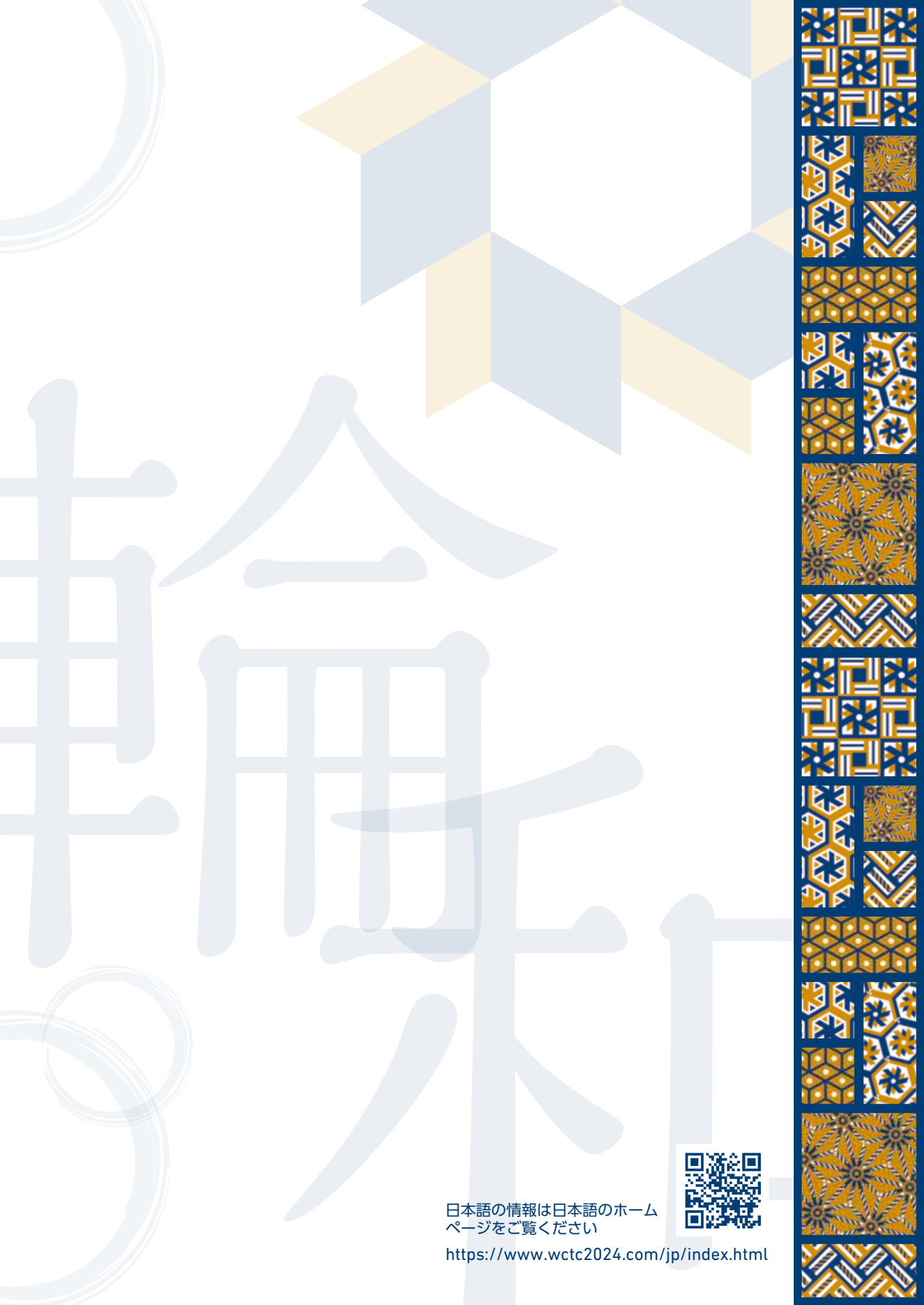
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舞

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<https://www.wctc2024.com/jp/index.html>

