

# 9th World Implant Orthodontic Conference (WIOC 2017) ・ 59th Annual Meeting of the Kinki-Tokai Orthodontic Society 【July 2 (Sun)】

8 : 15～17 : 00 受付開始

《Hall A》ENG／JPN

9 : 00～9 : 15 KTOC

Opening ceremony

9 : 30～10 : 30 KTOC

Oral presentation

Chair : Dr. T. Yamashiro

10 : 30～11 : 30 **Benedict Wilmes**

Palatal TADs with exchangeable abutments in orthopedic and orthodontic treatment work

11 : 30～12 : 00 KTOS plenary session

Chair : Dr. K. Moriyama

Chair : Dr. P. Nagan

13 : 00～14 : 00 **Ravindra Nanda**

Biomechanics and TADs to manage complex orthodontic problems

14 : 00～15 : 00 **Won Moon**

Non-surgical orthopedic corrections with micro-implants: Breaking the rules and expanding the boundaries

15 : 00～15 : 30 **Glenn T. Sameshima**

TADs - By the numbers

Chair : Dr. R. Kanomi

Chair : Dr. H. C. Cheng

15 : 30～16 : 15 **Toru Deguchi**

Biomechanical characteristics in the use of TADs

16 : 15～17 : 00 **Eugene Roberts**

Skeletal correction of complex acquired malocclusion: Emphasizing the BIO in biomechanics

《Hall B》ENG

Chair : Dr. N. Kitai

9 : 30～10 : 30 **Shouichi Miyawaki**

Factors related to the failure of miniscrew implantation and the development of an auxiliary appliance to increase the retention force as its solution

Chair : Dr. K. Fukushima

10 : 30～11 : 00 **Hideo Suzuki**

Bone remodeling using miniscrew biomechanics

11 : 00～11 : 45 **Noriaki Yoshida**

Biomechanical principles and strategies for achieving controlled tooth movement and high treatment efficiency using TADs

Chair : Dr. T. Ikegami

Chair : Dr. H. Nakanishi

13 : 00～13 : 30 **Jae Hyun Sung**

Camouflaged treatment of non growing Class III by using upper two microimplants anchorages and class III elastics

|                 |                          |                                                                                                                          |
|-----------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 13 : 30～14 : 00 | <b>Yasuhiro Itsuki</b>   | Space station" palatal implant: Astronauts brighten your stars                                                           |
| 14 : 00～14 : 30 | <b>Hyo-Sang Park</b>     | Considering factors to maximize profile improvement in severe hyperdivergent patients                                    |
| 14 : 30～15 : 00 | <b>Nazan Kucukkeles</b>  | Corticotomy assisted maxillary protraction by using skeletal anchorage and class III elastics<br>Chair : Dr. Y. Tominaga |
| 15 : 00～15 : 30 | <b>Luca Lombardo</b>     | Aligner and miniscrew anchorage treatment of a challenging malocclusion                                                  |
| 15 : 30～16 : 00 | <b>John Jin-Jong Lin</b> | The latest on TADs Class III treatment, the simple and efficient way.                                                    |
| 16 : 00～16 : 30 | <b>Kazuhiro Ishii</b>    | Intrusion of over-erupted maxillary molars and mandibular premolar in adults requiring comprehensive treatment           |
| 16 : 30～17 : 00 | <b>Tae Kwan Kim</b>      | Clinical application of mini screws in molar control                                                                     |

《Room C》 JPN・ENG

|                 |                        |                                                                                            |
|-----------------|------------------------|--------------------------------------------------------------------------------------------|
|                 |                        | <b>GC ORTHOLY</b>                                                                          |
| 9 : 30～10 : 50  | <b>Tetsuya Shimoda</b> | Next-generation customized lingual appliance: Zero System                                  |
|                 |                        | <b>TOMY INTERNATIONAL</b>                                                                  |
| 11 : 00～11 : 50 | <b>Joji Takayanagi</b> | Molar distalization in lingual orthodontic treatment                                       |
|                 |                        | <b>GC ORTHOLY</b>                                                                          |
| 12 : 00～12 : 15 | <b>Luncheon</b>        | TBA                                                                                        |
|                 |                        | <b>TOMY INTERNATIONAL&amp;GC</b>                                                           |
| 12 : 15～12 : 30 | <b>Luncheon</b>        | TBA                                                                                        |
| 13 : 00～13 : 50 | <b>Koji Hashimoto</b>  | Various applications of miniscrews for esthetics                                           |
| 14 : 00～15 : 10 | <b>Chooryung Chung</b> | Three-dimensional management for an esthetic smile; Class II vs. Class III treatment       |
| 15 : 20～17 : 00 | <b>Kee Joon Lee</b>    | Precision nonsurgical treatment for facial esthetics - braces, miniscrews and biomechanics |

《Room D》 JPN

|                 |                         |                                                                                                                                                                                                                                                                    |
|-----------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |                         | <b>SHOFU</b>                                                                                                                                                                                                                                                       |
| 10 : 00～10 : 30 | <b>SHOFU Researcher</b> | 歯科矯正治療における口腔内環境の健全化を目指した GIOMER の臨床的有用性<br>Clinical utility of GIOMER in orthodontic treatment for a healthy oral environment<br>りっふるくんとりっぷるとれーなーによる口輪筋トレーニングとその評価<br>Evaluation of the orbicularis oris muscle training method using Lipplekun and Lipple-Trainer |
| 11 : 00～11 : 30 | <b>Ayumi Kato</b>       | ガイドドバイオフィルムセラピー (GBT)<br>Guided biofilm therapy                                                                                                                                                                                                                    |

## SHOFU

12:15~13:00 **Luncheon** 口呼吸症候群と口唇閉鎖〜りっぶるくんの臨床  
**Issei Saitoh** Mouth breathing syndrome and lip-closing function in children ~ Clinical examination using Lipplekun

## Weltec

14:00~15:25 **Akemi Sato** 矯正歯科におけるプロフェッショナルクリーニングシステムについて  
 15:35~17:00 **Akemi Sato** 矯正歯科におけるプロフェッショナルクリーニングシステムについて

## 《Room E》 JPN

## Mitsuba

9:30~10:30 **Ryuzo Kanomi** 歯列矯正治療における口腔筋機能療法の実際  
 11:00~12:00 **Ritsuko Hashimoto** MFT 指導でおさえるべきポイント  
 12:15~13:00 **Luncheon**  
 13:40~16:45 **Junko Kawabata & Manami Sumikawa & Aki Fujii** 臨床での MFT の実際

## 《304》

10:00~16:00 Oral Examination (JOS 認定医更新審査)

## 《305》

10:00~16:00 Case Presentation (JOS 認定医更新審査)

## 《306》

10:00~16:00 Case Presentation (KTOS)

## 《307》

10:00~16:00 Case Presentation (KTOS)

## 《404》 JPN

## Proseed

10:00~11:00 **Booth Seminar** 大谷 淳二先生 大谷歯科矯正歯科院長  
 調和のとれた顎運動を目標とした、上顎咬合平面の設定方法について  
 11:30~12:30 **Booth Seminar** 佐藤 廉也先生 五橋デンタルクリニック院長  
 新開発アバットメントと口蓋スクリューを用いた矯正用アンカーシステムの紹介  
 13:30~14:30 **Booth Seminar** 渡辺 八十夫先生 渡辺矯正歯科院長  
 インプレッションキャップを用いた口蓋アンカースクリューの活用方法  
 15:30~16:30 **Booth Seminar** 大谷 淳二先生 大谷歯科矯正歯科院長  
 調和のとれた顎運動を目標とした、上顎咬合平面の設定方法について

## 《405》 JPN

GC

9 : 30～10 : 30 Hands-on  
 11 : 00～12 : 00 Hands-on  
 13 : 15～14 : 15 Hands-on  
 14 : 45～15 : 45 Hands-on

## 《406》 JPN

Ormco

9 : 30～15 : 45 e-Presentation

e-プレゼンテーション (iPad Pro 12.9インチに症例を収録、ご自由にご覧いただけるシステムです)

## 《407》 JPN

YDM

9 : 30～10 : 30 Hands-on  
 11 : 00～12 : 00 Hands-on  
 13 : 15～14 : 15 Hands-on  
 14 : 45～15 : 45 Hands-on

No.1 manufacture of excellent dental instruments like Orthodontic pliers with over 6decades of history.  
 来年で70周年を迎える日本製歯科器具メーカーです。  
 皆様に長く使用していただける製品作りをいつも目指しています。

## 【July 3 (Mon)】

8 : 30~17 : 00 受付開始

### 《Hall A》ENG/JPN

8 : 45~9 : 00 WIOC

Opening ceremony

Ryuzo Kanomi, President of 9th WIOC

Junji Sugawara, President of WIOA

Takashi Yamashiro, President of 59th Kinki-Tokai

Chair : Dr. S. Miyawaki

Chair : Dr. Somchai Satravaha

9 : 00~9 : 45 **Flavio Uribe**

Different alternatives to TAD-supported orthopedic maxillary protraction in Class III patients

9 : 45~10 : 30 **Ali Darendeliler**

All about openbites; When do we really need TADs

Chair : Dr. N. Suda

Chair : Dr. Hayek

10 : 45~11 : 15 **Tae Woo Kim**

Various mechanics for open bite cases

11 : 15~12 : 00 **Hugo De Clerck**

Rotations of the maxilla and the occlusal plane: the key to successful orthopedics

Chair : Dr. I. Takahashi

Chair : Dr. Himawan Halim

13 : 00~13 : 45 **Young Chel Park**

Management of dentofacial asymmetries via transverse correction

13 : 45~14 : 30 **Eric Jein-Wein Liou**

TADs in treatment of Class III malocclusion

14 : 30~15 : 00 **B. Giuliano Maino**

3D technology for palatal miniscrews: New clinical perspectives

Chair : Dr. M. Yamaguchi

Chair : Dr. C. K. Chng

15 : 30~16 : 00 **Jorge Faber**

Problem-solving in Class II surgery first

16 : 00~16 : 30 **Yadav Sumit**

Molar intrusion with TADs for open bite: How Predictable?

16 : 30~17 : 00 **Kee Joon Lee**

The 'Paradox' of lip protrusion based on soft tissue paradigm & 4D total arch intrusion

### 《Hall B》ENG

Chair : Dr. J. Sugawara

Chair : Dr. H. Mimura

9 : 00~9 : 30 **Tae Kyung Kim**

Is the comprehensive orthodontic treatment possible without brackets?

9 : 30~10 : 00 **Jay Bowman**

Pushing back or moving forward: miniscrews simplified for Class III's and II's

10 : 00~10 : 30 **Johnny Joung-Lin Liaw**

Orthodontic management of adult gummy smile with TADs

Chair : Dr. J. Anka

Chair : Dr. M. Motoyoshi

10 : 45~11 : 15 **Franklin She**

Begin with the end in mind - Treatment planning of gummy smile

|                 |                                             |                                                                                                                     |
|-----------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 11 : 15~12 : 00 | <b>John K. Kaku &amp; Masahiro Yamamoto</b> | Expanding horizons of MOO (Molar Oriented Orthodontics) technique with TADs                                         |
|                 |                                             | Chair : Dr. K. Ishii<br>Chair : Dr. S. Okashita                                                                     |
| 13 : 00~13 : 30 | <b>Junji Ohtani</b>                         | Establish method in the occlusal plane after intrusion of upper molars considered with the jaw movement in harmony. |
| 13 : 30~14 : 00 | <b>Kenji Fushima</b>                        | En-masse traction with orthodontic implants                                                                         |
| 14 : 00~14 : 30 | <b>Mitsuru Motoyoshi</b>                    | Clinical considerations for anchor screws placed at median palate                                                   |
| 14 : 30~15 : 00 | <b>Masaru Yamaguchi</b>                     | Analysis of microbial profile to failure of orthodontic anchor screw                                                |
|                 |                                             | Chair : Dr. Y. Nishii<br>Chair : Dr. J. Ohtani                                                                      |
| 15 : 30~16 : 00 | <b>Keisuke Miyamoto</b>                     | Clinical advantages of palatal locking plate anchor - Multi-center results -                                        |
| 16 : 00~16 : 30 | <b>Takashi Yamashiro</b>                    | Orthodontic treatment in patients with cleft lip and palate                                                         |
| 16 : 30~17 : 00 | <b>Ryuzo Kanomi</b>                         | Clinical comparison between mini-screw and mini-plates in orthodontics                                              |

### 《Room C》 JPN

9 : 00~12 : 00

**Dentsply Sirona**

9 : 00~ 9 : 45 **Satoshi Yamada**

What are the indications of orthodontic mini-plates?

9 : 45~10 : 30 **Seki Yamanouchi**

Two cases treated with the SMAP\* (Super mini anchor plate)® system

10 : 30~11 : 15 **Hiroyasu Nagata**

Absolute anchorage (Super mini anchor plate) in orthodontic treatment

11 : 15~12 : 00 **Tadao Fukui**

Effectiveness of temporary anchorage device for orthodontic treatment for various malocclusions

**Proseed**

14 : 00~17 : 10 See page 8

(Rising Star Awards of TADs)

17 : 10~

Awards Party

### 《Room D》 JPN

9 : 00~15 : 15

**BIODENT**

9 : 00~10 : 10 **Tsuneo Arishima**

A simple distalization system using anchor screws in the buccal posterior region and its clinical use.

臼歯部頰側のアンカースクリューを用いたシンプルな遠心移動システムとその臨床

10 : 10~11 : 20 **Shintaro Okashita**

The 7 keys to prevent failure when using anchor screws  
歯科矯正用アンカースクリューで失敗しないための7つの鍵

11 : 20~12 : 30 **Shinichi Fukasawa**

Before implant

歯科矯正用アンカースクリューを埋入する前に考える事

13 : 45~15 : 15 **Yasuhiro Itsuki**

Clinical application of i-station

i-stationを使用した臨床応用

15 : 15～16 : 40

15 : 15～15 : 55 **Kotaro Tanimoto**16 : 00～16 : 40 **Haruya Ogawa**

《Room E》ENG

9 : 00～12 : 00 See page 16, 17

《306》JPN

10 : 00～16 : 00 Case Presentation

《307》JPN

10 : 00～16 : 00 Case Presentation

《404》JPN

10 : 00～11 : 00 **Renya Sato**

《405》JPN

9 : 30～10 : 30 Hands-on

11 : 00～12 : 00 Hands-on

13 : 15～14 : 15 Hands-on

14 : 45～15 : 45 Hands-on

《406》JPN

9 : 30～15 : 45 e-Presentation

《407》JPN

9 : 30～10 : 30 Hands-on

11 : 00～12 : 00 Hands-on

13 : 15～14 : 15 Hands-on

14 : 45～15 : 45 Hands-on

**Rocky Mountain Morita**

歯科矯正用アンカースクリューがもたらしたものと新たな可能性

A benefit given from the orthodontic anchor screw and a new possibility

Orthodontic innovation using i-station

i-station がもたらす矯正臨床のイノベーション

## YCP Awards session

(近畿矯正歯科研究会)

**アレキサンダー研究会会員および D-PAS 開発者**

(アンカースクリュー使用症例展示)

**Proseed**

新開発アバットメントと口蓋スクリューを用いた矯正用アンカーシステムの紹介

**GC****Ormco**

e-プレゼンテーション (iPad Pro 12.9インチに症例を収録、ご自由にご覧いただけるシステムです)

**YDM**

No.1 manufacture of excellent dental instruments like Orthodontic pliers with over 6decades of history.

来年で70周年を迎える日本製歯科器具メーカーです。

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# Rising Star Awards on TADs

## －若手矯正歯科医による TADs アワード－

【July 3 (Mon)】

《Room C》

14 : 00～15 : 00 Session 1

座長 岡下 慎太郎

Chair Shintaro Okashita

岡下矯正歯科

- 1-1 成人開咬患者の頬骨歯槽後部に歯科矯正用アンカースクリューを適応した一例  
A case of an adult with open bite treated with orthodontic anchoring screws to the zygomatic-alveolar crest

山野辺 晋也 Shinya Yamanobe

奥羽大学歯学部成長発育歯学講座 歯科矯正学分野

- 1-2 Prognosis of the primary and secondary insertion of orthodontic miniscrews

上杉 俊輔 Shunsuke Uesugi

東京医科歯科大学大学院医歯学総合研究科 咬合機能矯正学分野

- 1-3 歯科矯正用アンカースクリューを用いた短縮した下顎骨体における埋伏下顎第二大臼歯の整直  
Uprighting of the impacted mandibular second molar using a miniscrew in small mandibular body

大塚 雄一郎 Yuichiro Otsuka

明海大学歯学部形態機能成育学講座 歯科矯正学分野

- 1-4 歯科矯正用アンカースクリューを用いた効率的なスライディングメカニクスの探求

小坂 竜也 Tatsuya Kosaka

小坂矯正歯科

15 : 00～16 : 00 Session 2

座長 加来 真人

Chair Masato Kaku

広島大学大学院 医歯薬保健学研究院 応用生命科学部門 歯科矯正学

- 2-1 ハイドロキシアパタイト/コラーゲンナノ複合体コーティングの新生骨誘導能に関する基礎的研究

上園 将慶 Masayoshi Uezono

東京医科歯科大学大学院医歯学総合研究科 顎顔面矯正学分野

- 2-2 Biomechanical considerations for uprighting impacted mandibular first molar using temporary anchorage devices

Nguyen Anh Tuan

長崎大学医歯薬学総合研究科 医療科学専攻展開医療科学講座 歯科矯正学分野

- 2-3 Biomechanical evaluation in maxillary protraction therapy with orthodontic anchor screw "Three-dimensional finite element analysis"

海老澤 朋宏 Tomohiro Ebisawa

東京歯科大学歯科 矯正学講座

2-4 新規歯科矯正用アンカースクリュー開発に向けたポリ乳酸／モンモリロナイトナノコンポジットの研究

中西 康 Ko Nakanishi

北海道大学大学院歯学研究院 口腔医学部門 口腔機能学分野 歯科矯正学教室

16:00～17:00 Session 3

座長 野寺 義典

Chair Yoshinori Nodera

銀座アベニュー矯正歯科

3-1 The effect of a novel spike-like auxiliary skeletal anchorage device on stability of miniscrew

權 相豪 Sangho Kwon

鹿児島大学大学院歯学総合研究科 健康科学発達成育学講座 歯科矯正学分野

3-2 Ⅲ級不正咬合症例における歯科矯正用アンカースクリュー使用群とⅢ級ゴム使用群の治療効果の比較検討

Comparison of orthodontic treatment outcomes in adults with Class Ⅲ malocclusion between temporary anchorage devices and Class Ⅲ elastics.

中村 政裕 Masahiro Nakamura

岡山大学病院 矯正歯科

3-3 顎変形症患者および口唇口蓋裂患者の外科的矯正治療における歯科矯正用アンカースクリューの有用性

Orthodontic anchorage screws facilitate surgical orthodontic treatment in jaw deformities and cleft lip and palate patients

伊藤 慎将 Shinsuke Itoh

大阪大学大学院歯学研究科 顎顔面口腔矯正学教室

3-4 松本歯科大学矯正歯科における歯科矯正用アンカースクリューの現状

Current situation of orthodontic anchor screw at the Department of Orthodontics, Matsumoto Dental University

唐澤 基央 Motohiro Karasawa

松本歯科大学 歯科矯正学講座

17:00～17:10 特別発言

小川 晴也 Haruya Ogawa

小川矯正歯科

17:10～

Awards Party

## 【July 4 (Tue)】

6 : 30 ~ 7 : 00

WIOA Member Breakfast: Portopia Hotel B1 room name: "Waraku"

7 : 00 ~ 9 : 00

### 10th WIOA Meeting

8 : 45 ~ 15 : 00 受付開始

#### 《Hall A》 ENG / JPN

Chair : Dr. T. Ono

Chair : Dr. Cinar Atagun

9 : 00 ~ 9 : 45 **Cheol Ho Paik**

Molar intrusion using TADs: The key element to correct vertical excess with or without open bite

9 : 45 ~ 10 : 30 **Sarandeep Huja**

Bone adaptation to skeletal anchors- a key element to clinical success

Chair : Dr. K. Sueishi

Chair : Dr. K. W. Chang

10 : 45 ~ 11 : 15 **Chairat Charoemratrote**

Class II treatment with MIA

11 : 15 ~ 12 : 00 **James Cheng-Yi Lin**

Management of complex short face adult cases with esthetic interdisciplinary approach and TADs

Chair : Dr. H. Kamioka

Chair : Dr. J. J-J. Lin

13 : 00 ~ 13 : 45 **Hee Moon Kyung**

What has changed and what needs to be changed using microimplants?

13 : 45 ~ 14 : 30 **Moschos(Mike)**

Innovative treatment of Class II malocclusions with amda©:

**Papadopoulos**

Efficient use of biomechanics and miniscrew implants

14 : 30 ~ 15 : 00 **Om Kharbanda**

Biological phenomenon of MSI-BONE and gingival interface for the stability and clinical success

Chair : Dr. N. Matsumoto

Chair : Dr. Krishnaswamy

15 : 30 ~ 16 : 00 **Mithran Goonewardene**

Facilitating success of temporary anchors in surgical orthodontics

16 : 00 ~ 16 : 30 **Jung Yui Cha**

How to optimize treatment outcomes using CAD/CAM based orthodontic system?

16 : 30 ~ 17 : 00 **Nikhilesh R Vaid**

Lets crunch some numbers

17 : 00 ~ 17 : 15 WIOC closing ceremony

#### 《Hall B》

9 : 00 ~ 12 : 00 ENG

Chair : Dr. H. Kurosaka

Chair : Dr. H. Ogawa

9 : 00 ~ 9 : 30 **Chooryung Judi Chung**

Facial esthetics in the transverse plane; soft tissue consideration and management

9 : 30 ~ 10 : 00 **Krisnawati Erry Tarman**

Direct - indirect molar distalization using mini screw implant (Jessica Santoso\* , Retno Widayati \*\*, Krisnawati Erry\*\*)

|                 |                          |                                                                                                                                                                                        |
|-----------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10 : 00～10 : 30 | <b>Hiroshi Kurosaka</b>  | Strategic advantage of using temporary anchorage device in patients with jaw deformities<br>Chair : Dr. N. Yoshida<br>Chair : Dr. K. Ishii                                             |
| 10 : 45～11 : 15 | <b>George Anka</b>       | All about camouflage treatment                                                                                                                                                         |
| 11 : 15～12 : 00 | <b>Junji Sugawara</b>    | Think the indications for orthodontic miniplates over again                                                                                                                            |
| 13 : 00～17 : 00 | <b>JPN</b>               | Chair : Dr. I. Mizoguchi<br>Chair : Dr. Y. Itsuki                                                                                                                                      |
| 13 : 00～13 : 30 | <b>Yasushi Nishii</b>    | 歯科矯正用アンカースクリューのⅠ期治療への応用<br>Application of anchor screw for phase I treatment                                                                                                           |
| 13 : 30～14 : 00 | <b>Masahiko Yokozeki</b> | 歯科矯正用アンカースクリューを用いた大臼歯圧下による下顎のオートローテーションを応用した矯正治療<br>Orthodontic cases treated with molar intrusion by orthodontic anchor screw for mandibular autorotation                             |
| 14 : 00～14 : 30 | <b>Masanori Yasui</b>    | 口蓋部組織外プレートを使用した臼歯部遠心移動<br>Molar distalization utilizing a palatal external plate                                                                                                       |
| 14 : 30～15 : 00 | <b>Yasoo Watanabe</b>    | 口蓋正中および下顎外斜線部に植立したアンカースクリューを用いたバーティカルコントロール<br>Vertical control using anchor screws placed at mid-palate and external oblique ridge area<br>Chair : Dr. Y. Sato<br>Chair : Dr.M. Yasui |
| 15 : 00～15 : 30 | <b>Satoshi Kozato</b>    | 細胞・組織の代謝活性により、TAD 脱落は防止できるか<br>A trial to prevent TAD falling by the increase in activity of cell and tissue metabolism                                                                |
| 15 : 30～16 : 00 | <b>Haruya Ogawa</b>      | 口蓋側壁に植立したアンカースクリューを固定源とした矯正臨床について<br>The orthodontic treatment using the anchor screws placed on the maxillary palatal wall                                                            |
| 16 : 00～16 : 30 | <b>Hiroshi Mimura</b>    | MARPE (miniscrew-assisted rapid palatal expansion) を用いた矯正歯科治療 (CARPE との比較評価)<br>MARPE vs CARPE: treatment and comparative evaluation                                                   |
| 16 : 30～17 : 00 | <b>Shintaro Okashita</b> | 歯科矯正用アンカースクリューの残存率に関与する因子について<br>Factors related to survival rate of orthodontic anchor screw                                                                                          |

## 《Room C》 JPN

9 : 00~12 : 00 **Shoji Sugiyama &  
Keizo Hirose**

Introduction of full individual lingual appliance system  
フルインディビデュアルリンガルアプライアンスシステム  
の紹介

Diagnosis and treatment procedure by using latest digital  
technology

最新のデジタルテクノロジーを用いた診断と治療手順

12 : 15~12 : 45 **Luncheon**

New technology supporting full individual lingual appliance  
system

フルインディビデュアルリンガルアプライアンスシステ  
ムをサポートする新しいテクノロジーのご紹介

13 : 00~17 : 00 **Shoji Sugiyama &  
Keizo Hirose**

Mechanics for various case type with TADs

様々なタイプの症例に用いる TAD を応用したメカニクス

Protocol for Japanese extraction cases with Ribbon VH  
System

リボン VH システムによる日本人の抜歯症例の治療プロ  
トコール

## 《Room D》 JPN

9 : 00~13 : 00

**ASO**

9 : 00~10 : 00 **Tomoaki Suganuma**

The orthodontic treatment of open bite with screw type  
TAD'S

歯科矯正用アンカースクリューを利用した開咬の治療

10 : 00~11 : 00 **Ryuzo Fukawa**

リンガルブラケット矯正法における、Maxillary Skeletal  
Expanderを使用した歯列弓の3次元的控制による  
顔貌の変化、口腔咽頭機能の改善、咬合の改善

11 : 00~12 : 00 **Chiori Hashiba**

Digital orthodontics utilizing miniscrew anchorage

12 : 15~13 : 00 **Isao Matsuno**

The application of miniscrews in digital lingual CAD/CAM  
system " Harmony "

デジタルリンガル CAD/CAM システムへの miniscrew  
の応用

13 : 45~16 : 45 **Benedict Wilmes  
Shuji Yamaguchi**

**阪大矯正同友会**

次世代型矯正アンカースクリュー・システムである  
BENEFit-SYSTEM<sup>®</sup>の開発者であるドイツのデュッセル  
ドルフ大学矯正歯科の Benedict Wilmes 教授をお迎えし  
て、ご講演いただきます。

sponsored by Yasunaga Computer Systems

《Room E》 ENG Japanese Academy of Non-Extraction Orthodontics One Day Symposium

|                 |                          |                                                                                                                      |                          |
|-----------------|--------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------|
| 9 : 00～ 9 : 15  | <b>Masahiro Yamamoto</b> | Opening                                                                                                              | Chair : Dr. N. Shinohara |
| 9 : 15～10 : 45  | <b>Nazan Kucukkeles</b>  | Rapid maxillary protraction: Short and long term results of new treatment modalities for the correction of Class III |                          |
| 10 : 45～11 : 00 | <b>John K. Kaku</b>      | Class III open bite cases with MARPE                                                                                 | Chair : Dr. H. Arimoto   |
| 12 : 00～13 : 30 | <b>Hugo De Clerck</b>    | Bone anchored midface protraction : horizontal and vertical changes                                                  |                          |
| 13 : 30～13 : 45 | <b>Masahiro Yamamoto</b> | Class III correction                                                                                                 | Chair : Dr. H. Nakanishi |
| 14 : 45～15 : 45 | <b>Won Moon</b>          | Orthopedic correction of class III patients                                                                          |                          |
| 15 : 45～16 : 00 | <b>Hirohide Arimoto</b>  | Class III orthopedic correction with TAD                                                                             |                          |
| 16 : 00～17 : 00 | <b>John K. Kaku</b>      | Closing                                                                                                              |                          |

《306》 JPN

|                |                   |             |
|----------------|-------------------|-------------|
| 9 : 00～15 : 00 | Case Presentation | (近畿矯正歯科研究会) |
|----------------|-------------------|-------------|

《307》 JPN

|                |                   |                                                |
|----------------|-------------------|------------------------------------------------|
| 9 : 00～15 : 00 | Case Presentation | アレキサンダー研究会会員および D-PAS 開発者<br>(アンカースクリュー使用症例展示) |
|----------------|-------------------|------------------------------------------------|

《405》 JPN

|                 |          |
|-----------------|----------|
| 9 : 30～10 : 30  | Hands-on |
| 11 : 00～12 : 00 | Hands-on |
| 13 : 15～14 : 15 | Hands-on |

GC

《406》 JPN

|                |                |                                                                 |
|----------------|----------------|-----------------------------------------------------------------|
| 9 : 30～15 : 45 | e-Presentation | Ormco<br>e-プレゼンテーション (iPad Pro 12.9インチに症例を収録、ご自由にご覧いただけるシステムです) |
|----------------|----------------|-----------------------------------------------------------------|

《407》 JPN

|                 |          |                                                                                                                |
|-----------------|----------|----------------------------------------------------------------------------------------------------------------|
| 9 : 30～10 : 30  | Hands-on | YDM<br>No.1 manufacture of excellent dental instruments like Orthodontic pliers with over 6decades of history. |
| 11 : 00～12 : 00 | Hands-on |                                                                                                                |
| 13 : 15～14 : 15 | Hands-on | 来年で70周年を迎える日本製歯科器具メーカーです。<br>皆様に長く使用していただける製品作りをいつも目指しています。                                                    |

# Program of Poster Presentation

Poster Presentation is held during whole conference period (2-4 July 2017) at the Reception hall on the 3<sup>rd</sup> floor.

Question and Answers time is scheduled on 12:00-12:30, 3 July 2017. Presenters should explain and discuss the presentation to viewers during this time.

In addition, 8 final candidates of the YCP Award will give their oral presentations in YCP Award session on 9:00-12:00, 3 July 2017 at Room E. The YCP Award will be presented to the most meritorious original research on the temporary anchorage device for the orthodontic treatment. The awarding ceremony for the winner will be held in the Conference Closing ceremony on 17:00, 4 July 2017 at Room A.

## Time schedule

|             |                   |                                                                                       |
|-------------|-------------------|---------------------------------------------------------------------------------------|
| 2 July 2017 | 8 : 30 – 9 : 30   | Poster set-up time                                                                    |
| 3 July 2017 | 9 : 00 – 12 : 00  | YCP Award session (Oral presentation session for selected final 8 candidates, Room E) |
| 3 July 2017 | 12 : 00 – 12 : 30 | Questions and Answers time (Free discussion, Reception hall)                          |
| 4 July 2017 | 15 : 30 – 17 : 00 | Poster take-down time                                                                 |
| 4 July 2017 | 17 : 00           | YCP Award awarding ceremony (in the Conference Closing ceremony, Room A)              |

## Academic research

- |      |                                                                                                      |                                 |
|------|------------------------------------------------------------------------------------------------------|---------------------------------|
| A 1  | In Vivo Histomorphometric and Mechanical Evaluation of Thread Design in Orthodontic Miniscrews       | Aguinaldo S Garcez (Brazil)     |
| A 2  | A Novel Spike-like Auxiliary Skeletal Anchorage Device Enhances the Stability of Miniscrew           | Sangho Kwon (Japan)             |
| A 3  | One Idea on Screw Shape                                                                              | Rumiko Takamiya (Japan)         |
| A 4  | Investigation of a Bioabsorbable Orthodontic Anchor Screw                                            | Momoko Hikida (Japan)           |
| A 5  | Anchorage Loss Assessment of Indirect Anchor Tooth during Adjunctive Orthodontic Treatment           | Woowon Jang (Republic of Korea) |
| A 6  | Three-dimensional Evaluation of Location of the Mandibular Canal Using Cone-beam Computed Tomography | Yasuki Uchida (Japan)           |
| A 7  | Cephalometric Changes of Maxillary Molar Distalization Using a Non-compliance Appliance              | Shuji Yamaguchi (Japan)         |
| A 8  | Three-Dimensional Assessment of Upper Molar Distalization with a Palatal External Plate              | Shunichi Hagiwara (Japan)       |
| A 9  | Biomechanical Consideration of Maxillary Molar Distalization with TADs                               | Yuichiro Otsuka (Japan)         |
| A 10 | Exploring the Rule of Dropout after Implantation in the Median Palate                                | Hajime Shudou (Japan)           |
| A 11 | Evaluation of Maxillary Protractive Appliance in Combination with Miniscrew                          | Masahiro Seiryu (Japan)         |
| A 12 | Treatment Effectiveness Between Temporary Anchorage Devices and Transpalatal Arch : A Meta-analysis  | Hsin-Chung Cheng (Taiwan)       |

- A13 Finite Element Simulation on Intrusion of Maxillary Dentition with TADs  
Jun Kawamura (Japan)
- A14 Optimal Degree of Posterior Torque During Intrusion Using Miniscrews on Palatal Side  
Ryo Hamanaka (Japan)
- A15 Orthodontic Treatment with TADs, its Stability and Indications. - Review of the Literature -  
Kenji Sueishi (Japan)
- A16 Lip Incompetence and Facial Morphology: Etiology and Treatment  
Joo-Hee Chun (Republic of Korea)
- A17 Inflammatory Effects in Nasal Mucosa after Mini-Implant Insertion for Maxillary Expansion  
Selly S Suzuki (Brazil)
- A18 Pharyngeal Airway Changes After Lower Teeth Distal Movement Using the Implant Anchorage  
Ippei Watari (Japan)
- A19 Effect of Loaded Orthodontic Anchorage Screw on Adjacent Periodontal Ligament  
Mhd Hassan Albogha (Japan)
- A20 Effects of Mechanical Vibration on Miniscrew Implants and Bone; Fem Analysis  
Aylin Pasaoglu Bozkurt (Turkey)
- A21 Effects of Sustained Release of RANKL on Osteoclast Activity  
Joy Chang (USA)
- A22 Miniscrew-assisted Micro-osteoperforations Increase the Rate of Tooth Movement  
Nikhil Sharma (India)
- A23 A Trend Analysis of Historical Controls' Utilization in Orthodontic Literature  
Thikriat Al-Jewair (USA)
- A24 Shear Bond Strength for Different CAD/CAM Orthodontic Brackets  
Ha-Na Sha (Republic of Korea)
- A25 The Effect of Anchor Volume on the Mechanical Strengths of Orthodontic Micro-Implants  
Chun Ming Chen (Taiwan)

## Case report

- C 1 Improvement of Facial Esthetics on Class III by Mandible Backward Rotation Technique  
Heng-Ming Chang (Taiwan)
- C 2 Miniscrew Supported Intrusion Mechanics Used for Open Bite Closure and Facial Improvement  
Byung-Jae Song (Republic of Korea)
- C 3 Angle Class III Malocclusion Corrected by Lower Dentition Distalization Using Orthodontic Mini-Screws  
Kai-Jing Yeh (Taiwan)
- C 4 A Case of Severe Mesially Inclined Molars Treated with Orthodontic Anchor Screw  
Chie Tachiki (Japan)
- C 5 Lower Molar Uprighting in a Bimaxillary Class I Patient: Case Report  
Jonas Rodrigues Silva (Brazil)
- C 6 An Orthodontic Treatment of a Severe Open Bite Case Using TADs  
Naoya Hasegawa (Japan)
- C 7 Skeletal Class II Open-bite with Facial Change Treated Using Orthodontic Anchor Screws  
Tatsuo Ryu (Japan)
- C 8 En-masse Retraction of the Maxillary Anterior Teeth and First Premolars using TADs  
Mai Fujimoto (Japan)
- C 9 A Case of Maxillary Protrusion Treated Successfully by Implantation of Temporary Anchorage Devices  
Hitoshi Kawanabe (Japan)

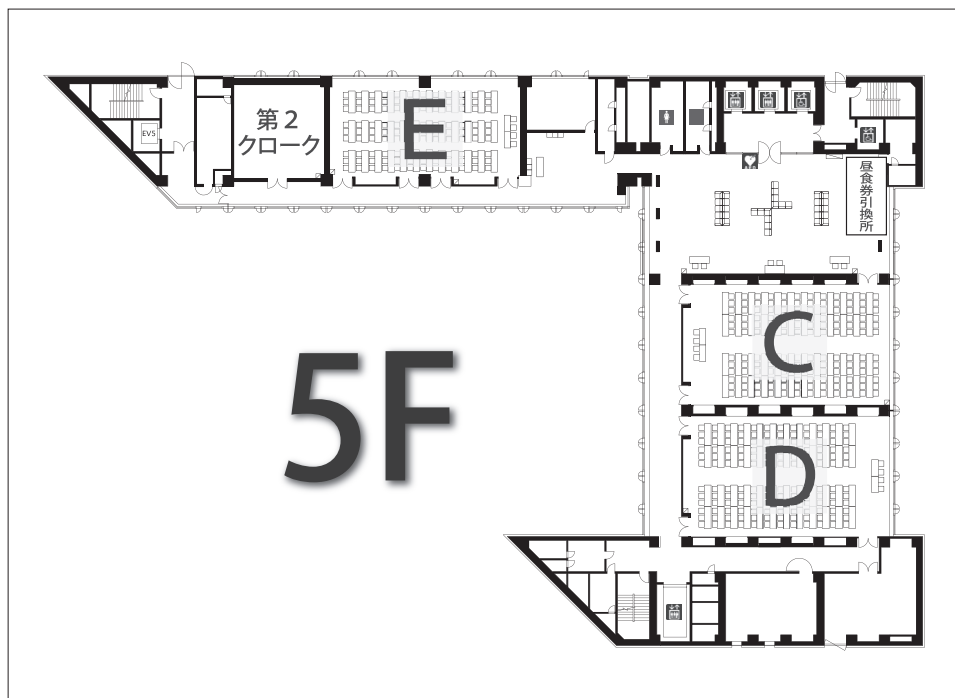
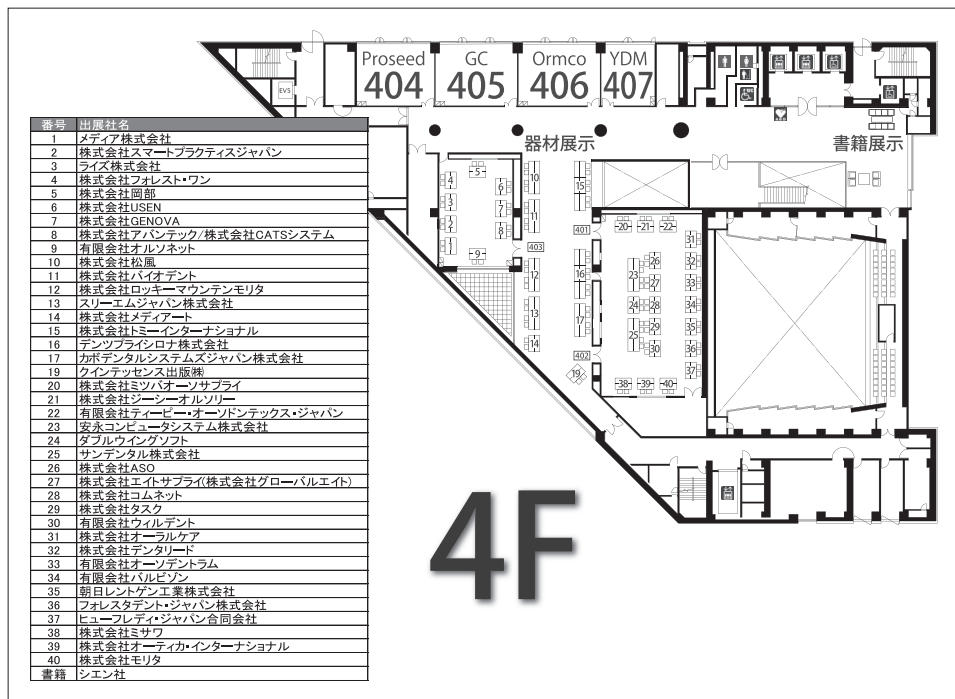
- C10 Skeleto-Dental and Soft Tissue Changes after Treatment with TADs Amit Nagar (India)
- C11 Total Intrusion and Distalization of the Maxillary Arch to Improve Smile Esthetics  
JoonGoo Lee (Republic of Korea)
- C12 A Case Treated with Distal Movement of Mandibular Molars Using TADs  
Toru Kageyama (Japan)
- C13 Three-Dimensional Assessment of Tooth Movements in a Bimaxillary Case Treated with a Palatal External Plate Anchorage Yumi Ozeki (Japan)
- C14 New Approach to Correct Class II Malocclusion Using Bone Anchored Distalizing Device  
Selly Sayuri Suzuki (Brazil)
- C15 An Adult Case whose Maxillary Molars Were Moved Mesially by TAD Au Sasaki (Japan)
- C16 Using Trans-Cutaneous Rigid External Distraction to Treat Severe Maxillary Hypoplasia Adult Patient  
YuJen Chang (Taiwan)
- C17 A Case of Micrognathia Using Skeletal Anchorage after Mandibular Distraction Osteogenesis Yasuhiko Oga (Japan)
- C18 TAD Supported Provisional Crown: Alternative for Tooth Loss in a Growing Patient  
Carlos Alberto Becerra (Chile)
- C19 Hopeless Class 2 Case - Without Surgery is Possible  
Maria Concepcion Escano Parrenas (Philippines)
- C20 Extrusion of Mandibular Second Premolars Using Buccal Shelf Miniscrews: Case Report  
Jonas Rodrigues Silva (Brazil)
- C21 Interdisciplinary Management of an Adult with Gummy Smile Requiring Full Mouth Rehabilitation Tzu-Ling Chuang (Taiwan)
- C22 Effect of Cortipunctures on Miniscrew Assisted Rapid Palatal Expansion in Adult Patient  
Selly Sayuri Suzuki (Brazil)

### YCP Award session, Room E, 9:00-12:00, July 3.

- 8 : 30 All candidates should meet up for the slides preview.
- 9 : 00 – 9 : 10 [opening]  
Chairperson: Dr. Yasoo Watanabe & Dr. Keisuke Miyamoto (the Scientific Committee of 9th WIOC)
- 9 : 10 – 9 : 25 **A2: A Novel Spike-like Auxiliary Skeletal Anchorage Device Enhances the Stability of Miniscrew**  
Sangho Kwon (Department of Orthodontics, Kagoshima University Graduate School of Medical and Dental Sciences, Japan)
- 9 : 25 – 9 : 40 **A5: Anchorage Loss Assessment of Indirect Anchor Tooth during Adjunctive Orthodontic Treatment**  
Woowon Jang (Gangnam Severance Dental Hospital, Yonsei University, Korea)
- 9 : 40 – 9 : 55 **A13: Finite Element Simulation on Intrusion of Maxillary Dentition with TADs**  
Jun Kawamura (Aichi Gakuin University, Japan)
- 9 : 55 – 10 : 10 **A17: Inflammatory Effects in Nasal Mucosa After Mini-Implant Insertion for Maxillary Expansion**  
Selly S Suzuki (São Leopoldo Mandic Dental Research Center, Brazil)

- 10 : 10 – 10 : 25    **A19: Effect of Loaded Orthodontic Anchorage Screw on Adjacent Periodontal Ligament**  
Mhd Hassan Albogha (Department of Orthodontics and Dentofacial Orthopedics,  
Faculty of Dental Science, Kyushu University, Japan)
- 10 : 25 – 10 : 40    **A20: Effects of Mechanical Vibration on Miniscrew Implants and Bone; Fem Analysis**  
Aylin Pasaoglu Bozkurt (Private Practice, Turkey)
- 10 : 40 – 10 : 55    **A21: Effects of Sustained Release of RANKL on Osteoclast Activity**  
Joy Chang (University of Connecticut Health Center, USA)
- 10 : 55 – 11 : 10    **A22: Miniscrew-assisted Micro-Osteoperforations Increase the Rate of Tooth Movement**  
Nikhil Sharma (KLE Society's Institute of Dental Sciences, India)
- 11 : 10 – 11 : 20    [closing]



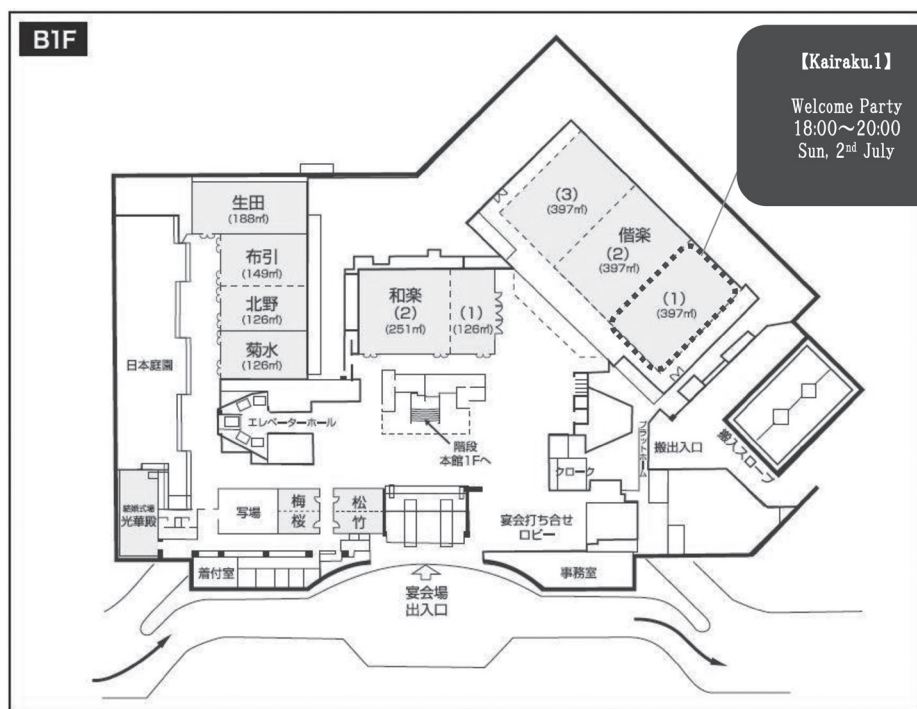


# Welcome Party

2 July, 2017

18:00-20:00 Kobe Portopia Hotel Main Building B1F "Kairaku. 1"

## Kobe Portopia Hotel Main Building B1F



## Gala Dinner -Luminous Kobe 2-

3 July, 2017

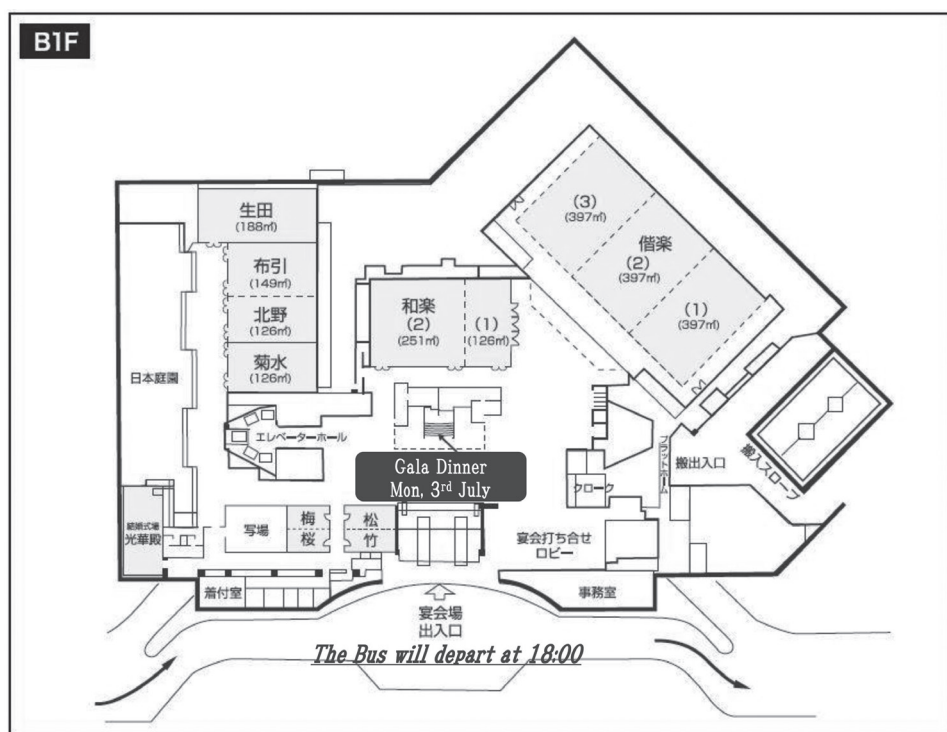
Meeting Time & Place 17:50 Kobe Portopia Hotel Main Building B1F

Depart Kobe Portopia Hotel by bus at 18:00 (about 20-minute ride)

19:00-21:20 Akashi Strait Cruise

Return to the Hotel at around 22:00

### Kobe Portopia Hotel Main Building B1F



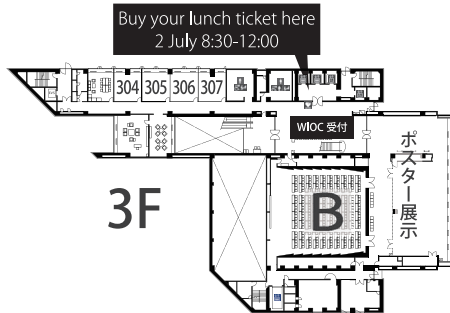
# 昼食について

## Lunch

- ・お食事は、国際会議場 1 階レストラン、近隣のホテル等をご利用下さい。
  - ・3 F 受付に会場周辺の飲食施設地図を設置しております。
  - ・近隣には、コンビニエンスストアもございます。
  - ・お弁当ご希望の方は、3 F 受付にて昼食券（1 枚1,000円税込）を 3 日分販売いたします。  
7 月 2 日 8：30～12：00 先着300名限りです。
  - ・お弁当の引換は、毎日11：00～13：00に5階ロビーにて行います。
  - ・昼食券ご購入後の払い戻しは致しませんので、ご了承下さい。
- 
- ・ There are several restaurants in nearby hotels. Also there is a KCC restaurant on the 1st floor.
  - ・ A restaurant map is available at the information booth on the 3rd floor.
  - ・ In front of the KCC, there is a convenience store with a choice of simple takeout items.
  - ・ If you want to get lunch boxes, you have to purchase lunch tickets in advance at the lunch ticket booth on the 3<sup>rd</sup> floor.
  - ・ Lunch tickets are sold for 1,000yen including tax from 8:30 to 12:00 on July 2 only. 300 lunch boxes are available per day. You can get lunch boxes on the 5th floor from 11:00 to 13:00 from July 2 to 4. Lunch tickets are not refundable.

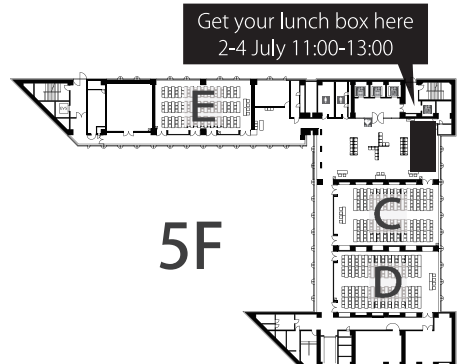
### <昼食券購入場所>

購入場所：3 F WIOC 受付  
購入日時：7 月 2 日 8：30～12：00



### <お弁当引き換え場所>

引換場所：5 F エレベーターホール前  
引換日時：7 月 2、3、4 日 11：00～13：00



A会場を除く国際会議場内の全てのエリアにて、飲食可能ですが、ゴミは備え付けのごみ入れに分別して廃棄して下さい。

You are not allowed to eat or drink in Hall A. Everywhere else is OK.  
Please put your trash in the available garbage bins. Thank you.

## クロークについて

- ・クロークのご利用は7月2日、3日の8:30から17:30までです。
- ・7月4日は17:00までです。
- ・申込用紙に連絡先（携帯電話等すぐに連絡できるもの）を記入し、クローク係にお渡しください。
- ・必ず時間内に荷物のお引き取りをお願いいたします。
- ・時間内に引き取りに来られない場合は、対応できかねます。

## Cloak

- ・ The open hours of cloak is from 8:30 to 17:30 on 2 July.
- ・ July 4th is until 17:00.
- ・ Please fill in the contact information (Mobile phone number is suitable) to the application form and hand it to the clerk.
- ・ Please be sure to pick up your luggage within the time.