# Program

**November 10**  
Venue: Main theater (lecture hall 3)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:25 - 8:30</td>
<td><strong>Opening ceremony</strong></td>
</tr>
<tr>
<td>8:25 - 8:30</td>
<td>Opening remarks (Toshiyasu Nakamura)</td>
</tr>
<tr>
<td>8:30 - 10:45</td>
<td><strong>Symposium distal radius</strong></td>
</tr>
<tr>
<td></td>
<td>Moderators: Guillaume Herzberg, Junya Imatani</td>
</tr>
<tr>
<td>8:30 - 8:38</td>
<td>Junya Imatani</td>
</tr>
<tr>
<td></td>
<td>&quot;Anatomy and characteristics of volar distal radius&quot;</td>
</tr>
<tr>
<td>8:40 - 8:48</td>
<td>Greg Bain</td>
</tr>
<tr>
<td></td>
<td>&quot;Anatomy of the distal radius&quot;</td>
</tr>
<tr>
<td>8:50 - 8:58</td>
<td>Guillaume Herzberg</td>
</tr>
<tr>
<td></td>
<td>&quot;Lyon Wrist Score&quot;</td>
</tr>
<tr>
<td>9:00 - 9:08</td>
<td>Yusuke Matsuura</td>
</tr>
<tr>
<td></td>
<td>&quot;FEM evaluation of Smith’s fracture mechanism by falling on the palm of the hand&quot;</td>
</tr>
<tr>
<td>9:10 - 9:13</td>
<td>Jeff Ecker</td>
</tr>
<tr>
<td></td>
<td>&quot;Surgical Technique: Arthroscopic Reduction of the Distal Radius&quot;</td>
</tr>
<tr>
<td>9:20 - 9:28</td>
<td>Joo-Yup Lee</td>
</tr>
<tr>
<td></td>
<td>&quot;Intentional Distraction Volar Plate Fixation for Distal Radius Fractures&quot;</td>
</tr>
<tr>
<td>9:30 - 9:38</td>
<td>Keikichi Kawasaki</td>
</tr>
<tr>
<td></td>
<td>&quot;Polyaxial locking plate fixation for distal radius fracture including marginal fracture&quot;</td>
</tr>
<tr>
<td>9:40 - 9:48</td>
<td>Koji Moriya</td>
</tr>
<tr>
<td></td>
<td>&quot;Therapeutic Strategy of Intra-Articular Comminuted Fractures of Distal Radius with the Volar Lunate Facet Fragment&quot;</td>
</tr>
<tr>
<td>9:50 - 9:58</td>
<td>Denju Osada</td>
</tr>
<tr>
<td></td>
<td>&quot;Treatment of Distal Radius Fractures Using Mono-axial Type Volar Locking Plate System&quot;</td>
</tr>
<tr>
<td>10:00 - 10:08</td>
<td>Jeff Ecker</td>
</tr>
<tr>
<td></td>
<td>&quot;Tendon Rupture After Distal Radius Fracture&quot;</td>
</tr>
<tr>
<td>10:10 - 10:18</td>
<td>Mark Ross</td>
</tr>
<tr>
<td></td>
<td>&quot;The Vascularized Dorsal Periosteal Curtain for corrective osteotomy of the distal radius&quot;</td>
</tr>
<tr>
<td>10:20 - 10:28</td>
<td>Shan-lin Chen</td>
</tr>
<tr>
<td></td>
<td>&quot;Topographic matching of distal radius and proximal fibula articular surface for distal radius osteoarticular reconstruction&quot;</td>
</tr>
<tr>
<td>10:30 - 10:45</td>
<td>Discussion</td>
</tr>
</tbody>
</table>


10:45 - 11:00  **Coffee break**

11:00 - 12:00  **Invited lecture**  
**Moderator:** Toshiyasu Nakamura

11:00 - 11:30  **Guillaume Herzberg**  
"Arthroscopic management for intraarticular distal radius fracture"

11:30 - 12:00  **Yukio Abe**  
"PART method: arthroscopic treatment for intraarticular distal radius fracture"

12:00 - 13:00  **Lunch**  
Go to Exhibitors’ Booths

12:00 - 13:00  **APWA executive board meeting**

13:00 - 14:35  **Symposium Kienbock**  
**Moderators:** Greg Bain, Masahiro Tatebe

13:00 - 13:08  **Greg Bain**  
"Etiology of Kienbock disease"

13:10 - 13:18  **Greg Bain**  
"A treatment algorithm for Kienbock disease"

13:20 - 13:28  **Guillaume Herzberg**  
"Kienböck"

13:30 - 13:38  **Sayuri Arimitsu**  
"Partial capitate shortening for Kienböck disease"

13:40 - 13:48  **Shohei Omokawa**  
"Arthroscopic Treatment for Kienböck’s Disease"

13:50 - 13:58  **Masahiro Tatebe**  
"Radial shortening and radial closing wedge osteotomy for Kienböck disease"

14:00 - 14:08  **Joo-Yup Lee**  
"Vascularized Pisiform Transfer for Advanced Kienbock’s Disease"

14:10 - 14:18  **Keiichi Murata**  
"Treatment of Kienböck’s disease using a vascularized pedicle bone graft"

14:20 - 14:35  **Discussion**
15:00 - 15:45     Perilunate injury

Moderator: Shanlin Chen

15:00 - 15:10    Guillaume Herzberg
                 "PLIND"
15:12 - 15:22    Bo Liu
                 "Arthroscopic treatment for lunate and perilunate dislocations"
15:24 - 15:30    Eiko Yamabe
                 "Closed reduction and percutaneous pinning for perilunate fracture dislocations"
15:30 - 15:45    Discussion

15:45 - 16:00    Coffee break

16:00 - 17:45    Symposium TFCC/DRUJ diagnostic
                 Moderators: PC Ho, Toshiyasu Nakamura

16:00 - 16:08    Makoto Tamai
                 "Revised Ligamentous Anatomy of the Wrist Joint Capsule"
16:10 - 16:18    Toshiyasu Nakamura
                 "Surgical Anatomy of the TFCC"
16:20 - 16:28    Toshikazu Tanaka
                 "High resolution MRI for diagnosis of TFCC injuries"
16:30 - 16:38    Hisao Moritomo
                 "Computed Tomography Arthrography for TFCC diagnosis"
16:40 - 16:48    Toshiyasu Nakamura
                 "New Arthroscopic Classification of TFCC injuries"
16:50 - 16:58    Joo-Yup Lee
                 "Interpretation of Ulnocarpal Stress Test in Different Forearm Rotation"
17:00 - 17:08    Michiro Yamamoto
                 "DRUJ arthroscopy"
17:10 - 17:18    PC Ho
                 "Clinical examination of the DRUJ: 5 level approach"
17:20 - 17:28    Jeff Ecker
                 "Dry Arthroscopic Repair of the Triangular Fibrocartilage"
17:28 - 17:45    Discussion

18:00    Departure for Congress dinner
# Free paper TFCC

**Moderators:** Wendong Xu, Michiro Yamamoto

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 9:06</td>
<td>Yong-Cheol Park</td>
<td>&quot;Arthroscopic Probing of Distal Radioulnar Joint: Assessment of the Quality of Repair for Triangular Fibrocartilage Complex Fovea Tear&quot;</td>
</tr>
<tr>
<td>9:08 - 9:14</td>
<td>Michael Boland</td>
<td>&quot;Arthroscopic Assessment of Distal Radioulnar Joint Laxity - The Push and Probe Manoeuvre&quot;</td>
</tr>
<tr>
<td>9:16 - 9:22</td>
<td>Michael Boland</td>
<td>&quot;Instability of the Distal Radioulnar Joint&quot;</td>
</tr>
<tr>
<td>9:24 - 9:30</td>
<td>Michael Boland</td>
<td>&quot;Proximal partial thickness tears of the ulnocarpal articular disc&quot;</td>
</tr>
<tr>
<td>9:32 - 9:38</td>
<td>Sayuri Arimitsu</td>
<td>&quot;Tenodesis of the ulno-triquetrum ligament for the foveal tear of triangular fibrocartilage complex&quot;</td>
</tr>
<tr>
<td>9:40 - 9:46</td>
<td>Atsuo Shigi</td>
<td>&quot;Tenodesis of the Ulnotriquetral Ligament for the Triangular Fibrocartilage Complex Foveal Tear: A Biomechanical Study&quot;</td>
</tr>
<tr>
<td>9:48 - 9:54</td>
<td>JuiTien Shih</td>
<td>&quot;Arthroscopic fovea repair with suture anchor for young adult triangular fibrocartilage complex tear&quot;</td>
</tr>
<tr>
<td>9:56 - 10:02</td>
<td>Takamasa Shimizu</td>
<td>&quot;Identification of Prognostic Factor in the Treatment of Open Repair for Triangular Fibrocartilage Complex Foveal avulsion&quot;</td>
</tr>
<tr>
<td>10:04 - 10:06</td>
<td>Huawei Yin</td>
<td>&quot;Comparison between 3.0T MRI and arthroscopy in the classification diagnosis of triangular fibrocartilage complex injuries&quot;</td>
</tr>
</tbody>
</table>

### Discussion

10:45 - 11:00

Coffee break

12:00 - 13:00  **Lunch**  Go to Exhibitors’ Booths
**13:00 - 14:00  Workshop (Arthrex)**

**Moderators:** Toshiyasu Nakamura, Keiji Fujio

Toshiyasu Nakamura, Keiji Fujio  
"Wrist arthroscopy and open surgery"

**14:15 - 15:05  Hand therapy lecture**

**Moderator:** Mineo Oyama

Terufumi Iitsuka  
"Hand therapy for distal radius fractures: Current trends and future prospects in Japan"

**15:05 - 16:00  Hand therapy session**

**Moderators:** Seiji Nishimura, Mikayo Ohmori

Kazuma Miwa  
"A case of total wrist arthroplasty in patient with Rheumatoid Arthritis"

Daichi Narita  
"The therapy using Muenster type Splint for patients with injuries of Triangular Fibrocartilage Complex"

Tomomi Yamada  
"The Cause of a Loss of Range of Motion at Wrist and Thumb after Radius and Ulna Fractures: a case study"

Makoto Sudo  
"Utilization of a neuroscience-based strategy for acceleration of hand use in a patient with distal radius fracture"

Josephine Wong Man-wah  
"Case Sharing in Therapist Session"

**16:30 - 17:00  Free paper scaphoid**

**Moderators:** Bo Liu, Keiichi Murata

Jong Woong Park  
"Treatment of Unstable Scaphoid Nonunion using a wedge bone graft and Volar Locking Plate"

Jae Kwang Kim  
"Corticocancellous bone graft vs cancellous bone graft for the management of unstable scaphoid nonunion"
16:46 - 16:52 Yang Guo
"Robot-Assisted of Volar Percutaneous Scaphoid Screw Placement: initial clinical experience"

16:54 - 17:00 Huawei Yin
"3-Dimensional Printing Assisted Percutaneous Fixation for Scaphoid Fracture and Scaphoid nonunion"

17:10 - 17:32 Free paper Kienbock

Moderators: MinJong Park, Keiichi Murata

17:10 - 17:16 Jae Kwang Kim
"Comparison of Long-Term Outcomes of Radial Osteotomy and Nonoperative Treatment for Kienbock Disease"

17:18 - 17:24 Wei Tee Sia
"Preliminary result of Kienbock disease treated with radial shortening osteotomy near the metaphysis, and vascularized bone graft from the volar distal radius"

17:26 - 17:32 Takeshi Ogawa
"An outcome of our combination therapy for Kienböck Disease: Bone Marrow Transfusion Using Non-Concentrated Bone Marrow, Low-Intensity Pulsed Ultrasound, and External Fixation"
## November 11  
**Venue:** Main theater (lecture hall 3)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 - 10:00</td>
<td><strong>ICL: radial side wrist pain</strong></td>
<td>Moderators: Jeff Ecker/Clara Wong/Mark Ross</td>
<td></td>
</tr>
<tr>
<td>8:00 - 8:07</td>
<td>Joo-Yup Lee</td>
<td>&quot;De Quervains, FCR, &amp; proximal distal intersection syndrome&quot;</td>
<td></td>
</tr>
<tr>
<td>8:10 - 8:17</td>
<td>Paolo Borelli</td>
<td>&quot;The Avascular Proximal Pole Nonunion: is there a role for core decompression and biophysical treatment in bone union?&quot;</td>
<td></td>
</tr>
<tr>
<td>8:20 - 8:27</td>
<td>Jeffrey Koo</td>
<td>&quot;Arthroscopic diagnosis of radial wrist pain&quot;</td>
<td></td>
</tr>
<tr>
<td>8:30 - 8:37</td>
<td>Greg Bain</td>
<td>&quot;Scaphoid fracture acute&quot;</td>
<td></td>
</tr>
<tr>
<td>8:40 - 8:47</td>
<td>PC Ho</td>
<td>&quot;Salvage of Failed Arthroscopic Bone Grafting for Recalcitrant Scaphoid Nonunion&quot;</td>
<td></td>
</tr>
<tr>
<td>8:50 - 8:57</td>
<td>Keiichi Murata</td>
<td>&quot;Treatment of Scaphoid Nonunion with Vascularized Bone Graft – Its Indication and Donor Site Selection&quot;</td>
<td></td>
</tr>
<tr>
<td>9:00 - 9:07</td>
<td>Bo Liu</td>
<td>&quot;Scapholunate instability&quot;</td>
<td></td>
</tr>
<tr>
<td>9:10 - 9:17</td>
<td>Toshiyasu Nakamura</td>
<td>&quot;Preiser disease&quot;</td>
<td></td>
</tr>
<tr>
<td>9:20 - 9:27</td>
<td>Clara Wong</td>
<td>&quot;STT and CMC OA&quot;</td>
<td></td>
</tr>
<tr>
<td>9:30 - 9:37</td>
<td>Eva Maria Baur</td>
<td>&quot;ICL: radial side wrist pain, Arthroscopic assisted 4 corner fusion&quot;</td>
<td></td>
</tr>
<tr>
<td>9:40 - 9:47</td>
<td>WeiJen Chen</td>
<td>&quot;Endoscopic excision of dorsal wrist ganglion: From arthroscopic to endoscopic&quot;</td>
<td></td>
</tr>
<tr>
<td>9:47 - 10:00</td>
<td>Discussion</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 10:00 - 10:30  
**Interactive Case Discussions**

### 10:45 - 11:00  
**Coffee break**
11:00 - 12:00 **Invited lecture**

**Moderator:** Shohei Omokawa

11:00 - 11:30 **Hisao Moritomo**
“Biomechanics of scaphoid fracture non-union”

11:30 - 12:00 **Masao Nishiwaki**
“Biomechanics of distal radius malunion”

12:00 - 13:00 **Lunch**  Go to Exhibitors’ Booths

12:00 - 13:00 **APWA AGM**

13:00 - 14:00 **APWA sessions**

**Moderators:** Greg Bain, PC Ho

13:00 - 13:15 **APWA travelling fellows**
“APWA Travelling fellow presentations (5 min each)”

13:00 - 13:05 **Zhixin Wang**
“The Value of MRI in the detection of TFCC injuries”

13:05 - 13:10 **Ziyang Zhang**
“Possible treatment of wrist pain with traditional Chinese Medicine”

13:10 - 13:15 **Lei Zhu**
“The giant cell reparative granuloma of the lunate”

13:15 - 13:30 **Greg Bain**
“Presidential lecture”

13:30 - 14:00 **Toshiyasu Nakamura**
“Journal of Wrist Surgery”

14:00 - 16:45 **Symposium TFCC treatments**

**Moderators:** Yukio Abe, Ping-tak Chan

14:00 - 14:08 **Takeshi Egi**
“Simultaneous arthroscopic repair of deep and superficial portions for Atzei class 2 TFCC tear: Prospective one-year follow-up study”

14:10 - 14:18 **Jeffrey Koo**
“Capsular repair for peripheral TFCC injuries”
14:20 - 14:28  Keiji Fujio  
"Arthroscopic inside-out fovea repair"

14:30 - 14:38  Eva Maria Baur  
"TFCC Repair: Long-term follow-up after arthroscopic transosseous refixation"

14:40 - 14:48  Masahiro Tatebe  
"Ulnar shortening osteotomy for TFCC disorders"

14:50 - 14:58  Keiichi Murata  
"Arthroscopically Assisted Specified Limbs Repair (AASLR) for TFCC Foveal Tear with DRUJ Instability: Indication for chronic cases"

15:00 - 15:08  Winglim Tse  
"Arthroscopic tendon reconstruction (for chronic DRUJ instability)"

15:10 - 15:18  Greg Bain  
"Reconstruction of the TFCC using PL tendon graft"

15:20 - 15:28  Toshiyasu Nakamura  
"Repair/Reconstruction of the TFCC"

15:30 - 15:38  Bo Liu  
"Ligament specific TFCC fovea repair"

15:40 - 15:48  Wendong Xu  
"Arthroscopic assisted treatment of distal radius fractures combined with TFCC injuries"

15:50 - 15:58  Margaret Woon Man FOK  
"Management of TFCC tears after distal radius fracture"

16:00 - 16:08  Andrew Chin  
"Degenerative arthritis of the Distal Radio-Ulnar Joint: Total Joint Replacement"

16:10 - 16:18  Ping-tak Chan  
"Prosthetic Replacement of Distal Ulna"

16:20 - 16:28  Jeff Ecker  
"Routine use of a ceramic titanium distal ulnar implant to stabilise the Sauve-Kapandji procedure"

16:30 - 16:45  Discussion

**16:45-17:00  Closing ceremony**

16:45 - 16:47  Closing remarks (Toshiyasu Nakamura)

16:47 - 16:50  Announcing Best abstract award sponsored by Journal of Wrist Surgery

16:50 - 16:55  Introducing 5th APWA (Joo-Yup Lee) Next meeting

16:55 - 17:00  Introducing 12th JWSW (Keiichi Murata)

Meeting adjourn
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 - 8:06</td>
<td>HsinChuan Chen</td>
<td>“Volar Carpal Subluxation After Treatment of Distal Radius Fracture, Cases Report and Literature Review”</td>
</tr>
<tr>
<td>8:08 - 8:14</td>
<td>HsinChuan Chen</td>
<td>“Arthroscopic Assisted Reduction and Internal Fixation in Die-punch Distal Radius fracture”</td>
</tr>
<tr>
<td>8:24 - 8:30</td>
<td>Yuichi Yoshii</td>
<td>“A Comparison of Radiographic Outcomes between 3D Preoperative Planning and Conventional Planning in the Osteosynthesis of Distal Radius Fractures”</td>
</tr>
<tr>
<td>8:32 - 8:38</td>
<td>Michael Boland</td>
<td>“Right-to-left shape differences in the radius”</td>
</tr>
<tr>
<td>8:40 - 8:46</td>
<td>Souichi Ohta</td>
<td>“Measurement of the distance between a line extending along the volar aspect of the radial diaphysis and the lunate rotation center on lateral view X-ray of the wrist”</td>
</tr>
<tr>
<td>8:48 - 8:54</td>
<td>Masato Shigi</td>
<td>“Risk Factor for Postoperative Correction Loss in Patients with Distal Radius Fracture over 50 Years of Age: In Association with Osteoporosis”</td>
</tr>
<tr>
<td>8:56 - 9:02</td>
<td>Kentaro Nakayama</td>
<td>“Surgical strategies for distal radius fractures with dorsal roof fragments”</td>
</tr>
<tr>
<td>9:08 - 9:14</td>
<td>Nobuaki Suzuki</td>
<td>“Opening Wedge Osteotomy to Acute Volar Barton Fracture with the Volar Lunate Facet Fragment”</td>
</tr>
<tr>
<td>9:16 - 9:22</td>
<td>Seungho Hyun</td>
<td>“Postoperative displacement in patients with AO type-C3 intra-articular distal radius fractures with die-punch fragments”</td>
</tr>
<tr>
<td>9:24 - 9:30</td>
<td>Margaret Woon Man FOK</td>
<td>“Carpal Instability Non-Dissociative Following Acute Wrist Fractures”</td>
</tr>
<tr>
<td>9:32 - 9:38</td>
<td>Youngran Jung</td>
<td>“Arthroscopic Resection of a Tenosynovial Giant cell tumor in the Wrist - Two Case Report-”</td>
</tr>
<tr>
<td>9:40 - 10:00</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>
### Workshop (Smith & Nephew)

**Moderators:** PC Ho, Toshiyasu Nakamura

10:30 - 11:30  
**PC Ho, Toshiyasu Nakamura**  
“Wrist Arthroscopy”

### Lunch

12:00 - 13:00  
Go to Exhibitors’ Booths

### Symposium SL ligament

**Moderators:** Mark Ross, Hiroshi Ono

14:00 - 15:15

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00 - 14:08</td>
<td>Jeff Ecker</td>
<td>“Scapholunate Laxity and Instability”</td>
</tr>
<tr>
<td>14:10 - 14:18</td>
<td>Mark Ross</td>
<td>“The Validity of PRWHE and QuickDASH as Outcome Measures Following Surgery to Treat Scapholunate Ligament Dissociation”</td>
</tr>
<tr>
<td>14:20 - 14:28</td>
<td>PC Ho</td>
<td>“Arthroscopic Assisted Combined Dorsal and Volar Scapholunate Ligament Reconstruction with Tendon Graft for Chronic SL Instability”</td>
</tr>
<tr>
<td>14:30 - 14:38</td>
<td>Toshiyasu Nakamura</td>
<td>“Reconstruction of the scapholunate interosseous ligament using bone-capitohamate ligament-bone”</td>
</tr>
<tr>
<td>14:40 - 14:48</td>
<td>Hiroshi Ono</td>
<td>“Reconstruction of scapholunate interosseous ligament (SLIL) using dorsal intercarpal ligament (DICL) of the wrist”</td>
</tr>
<tr>
<td>14:50 - 14:58</td>
<td>Daisuke Suzuki</td>
<td>“Radiovolar approach of midcarpal arthroscopy for assessment of dorsal scapholunate interosseous ligament in distal radius fracture”</td>
</tr>
<tr>
<td>15:00 - 15:08</td>
<td>Keiji Fujio</td>
<td>“Reconstruction for Chronic Scapholunate Dissociation with DIC stabilized by RASL vs SwiveLock as internal splint”</td>
</tr>
<tr>
<td>15:08 - 15:15</td>
<td><strong>Discussion</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Coffee break

15:15 - 15:30
15:46 - 15:52 Jeff Ecker
“Wrist Pump”

15:54 - 16:00 Yao-Chang Lo
“Darrach procedure in treating rheumatoid wrist with DRIJ instability and radiocarpal arthritis”

16:02 - 16:08 Mark Ross
“Resting forearm position and its relevance to the dart thrower’s motion”

16:10 - 16:16 Eva Maria Baur
“Arthroscopic interposition surgery for 1st CMC with autologeous fat graft”

16:18 - 16:24 Sanshiro Kawahara

16:26 - 16:32 JuiTien Shih
“Arthroscopic resectional arthroplasty and soft tissue interposition with internal splint with all-suture anchor for Thumb Carpometacarpal Joint Disease”

16:32 - 16:45 Discussion

Poster

#1 Sreedharan Sechachalam
“Translunate perilunate injury - a case report”

#2 Young Hak Roh
“Prognostic Factors of Arthroscopic Debridement for Central Triangular Fibrocartilage Complex Tears in Adults Younger than 45 Years: A Retrospective Case Series Analysis”

#3 Akira Kawabata
“Assessment of articular displacement of distal radius fractures treated arthroscopically”

#4 Yao Qun
“Wrist arthroscopy combined with ulnar shortening osteotomy in treatment of ulnar impingement syndrome”

#5 Yun-Liang Chang
“Pin-Plate Construct Fixation For Distal Radius Volar Rim Fracture”