



## บันทึกข้อความ

ส่วนงาน ภาควิชาออร์โธปิดิกส์ คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย โทร. 4230, 4510  
ที่ อธ. 109/58 วันที่ 10 มีนาคม 2558  
เรื่อง ขออนุมัติไปบรรยายวิชาการ ณ ต่างประเทศ

เรียน คณบดี คณะแพทยศาสตร์  
สิ่งที่ส่งมาด้วย ตารางการประชุม 1 ฉบับ

ด้วยกระผม นายแพทย์อริ ดนาวลี พนักงานมหาวิทยาลัย (หมวดเงินอุดหนุน) ตำแหน่ง  
ศาสตราจารย์ A-2 ภาควิชาออร์โธปิดิกส์ คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย ได้รับเชิญจาก  
International Congress for Joint Reconstruction ให้ไปบรรยายวิชาการในงานประชุม "World  
Arthroplasty Congress" วันที่ 16-18 เมษายน 2558 ณ เมือง ปารีส ประเทศฝรั่งเศส ในหัวข้อ

18 เมษายน 2558

10.55 - 11.03 Immediate Quadriceps Peak Strength Related to Change of Anterior  
Femoral Offset in TKA

กระผมจึงเรียนมาเพื่อขออนุมัติไปบรรยายในงานประชุมดังกล่าวโดยไม่ถือเป็นวันลา โดย  
กำหนดออกเดินทางในวันที่ 15 เมษายน 2558 และเดินทางกลับในวันที่ 21 เมษายน 2558 สำหรับ  
ค่าใช้จ่ายต่างๆ จะเป็นผู้รับผิดชอบเอง

จึงเรียนมาเพื่อโปรดพิจารณาอนุมัติและดำเนินการต่อไปด้วย จักเป็นพระคุณยิ่ง

(ศาสตราจารย์นายแพทย์อริ ดนาวลี)

หัวหน้าภาควิชาออร์โธปิดิกส์

10 มีนาคม 2558



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## International Congress for Joint Reconstruction

27 November, 2013

Dear Dr. Tanavalee,

On behalf of ICJR, we are honored to formally invite you to participate as faculty in the first-ever **World Arthroplasty Congress**, taking place 16 – 18 April, 2015, in Paris, France.

The World Arthroplasty Congress is truly a global endeavor, in combination with the 3<sup>rd</sup> Best Current Practice in Europe and partnering the European Knee Associates with ICJR's global affiliates in the Middle East, China, Japan, India, Southeast Asia, Australia, and Latin America. This groundbreaking congress will offer orthopaedic surgeons from around the world a venue to learn about the advances and challenges in knee and hip arthroplasty from a global perspective.

The dynamic three-day agenda, featuring worldwide experts in joint reconstruction, will expand our global understanding of key issues in orthopaedics, explore areas of customized instrumentation, surgical navigation, imaging, clinical evaluations and outcomes, and scientific poster presentations, in addition to standard didactic presentations and panel discussions. We are expecting upwards of 2,000 orthopedic healthcare professionals in attendance.

For scheduling purposes, we would ask that you plan to arrive late afternoon/early evening on Wednesday, 15 April, 2015, with a scheduled flight departure no earlier than early evening Sunday, 19 April, 2015.


Please complete and return the attached **Faculty Confirmation & Information Form**, confirming your participation as a faculty member of the 2015 World Arthroplasty Congress, and noting accurate contact information that will be listed on our website and in meeting materials. Once we receive your commitment to participate, we will follow up with more comprehensive details regarding the travel and accommodations arrangements, and a preliminary agenda.


We sincerely hope you will join us for this exciting congress and look forward to receiving your response by **Wednesday, 18 December**. In the meantime, please feel free to contact Michelle Johnson, ICJR Program Manager at +1 209 612 9255 or by email at [mjohnson@icjr.net](mailto:mjohnson@icjr.net) if you have any questions.

Kindest regards,

  
Jean-Noël Argenson, MD, PhD

  
W. Norman Scott, MD, FACS

  
Arlen D. Hanssen, MD

  
Jan Victor, MD, PhD



# WORLD ARTHROPLASTY CONGRESS

PARIS, FRANCE APRIL 16-18, 2015

[www.icjr.net/2015paris](http://www.icjr.net/2015paris)



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| Dr. W. Norman Scott    | New York, NY, United States  |
| Dr. Jan Victor         | Ghent, Belgium               |

## INVITED FACULTY

|                              |                                 |                                |                                   |
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Europe/Global

CREATING A GLOBAL  
ORTHOPAEDIC COMMUNITY



# WORLD ARTHROPLASTY CONGRESS

16-18 APRIL 2015 | PARIS, FRANCE

## PRELIMINARY PROGRAMME

(SUBJECT TO CHANGE)





THURSDAY, 16 APRIL 2015

100 Registration Opens

| GRAND AMPHITHEATER  |   |   | HAYANE AMPHITHEATER   |  |   |
|---|---|---|---|--|---|
| KNEE SESSION 1<br>Pearls in Primary Total Knee Arthroplasty (TKA) |   | Moderators<br>Jean-Noël Argenson<br>W. Norman Scott | HIP SESSION 1<br>Bearing Surfaces & Corrosion: Panel Discussion |  | Moderator<br>Daniel J. Berry  |
| 8:00  | Fine-Tuning Measured Resection  | Andrea Baldini                                      | 8:00  |  | John J. Callaghan<br>Eduardo Garcia-Cimbrelo<br>Ove Furnes<br>Philippe Hernigou<br>William J. Maloney III<br>Philippe Massin<br>Henri Migaud<br>Luigi Zagra |
| 8:08  | Fine-Tuning Gap Balancing   | Douglas A. Dennis                                   |   |  |   |
| 8:16  | Get Your Alignment Right  | Johan Bellemans                                     |   |  |   |
| 8:24  | Preserving the Posterior Cruciate Ligament (PCL): Do It the Right Way | Ate Wymenga   |   |  |   |
| 8:32  | Addressing Fixed Flexion Contracture                                  | Steven J. MacDonald                                 |   |  |   |
| 8:40  | Patellar Resurfacing  | Nicolaas C. Budhiparama                             |   |  |   |
| 8:48  | How to Avoid Mid-Flexion Instability                                  | Jan M. K. Victor                                    |   |  |   |
| 8:56  | Millimeters and Degrees Do Matter                                     | Patrick A. Meere                                    |   |  |   |
| 9:04  | Discussion  |   |   |  |   |
| 9:30  | Debate:<br>Surgical Navigation: Been There, Done It?                  | Moderator<br>Gijs Van Hellemond                     |   |  |   |
|   |   | Bernhard Christen<br>Johan Bellemans                |   |  |   |
| 9:45  | COFFEE  |   |   |  |   |

|                                    |   |  |  |   |  |
|------------------------------------|---|--|--|---|--|
| KNEE SESSION 2<br>The Alternatives |   | Moderators<br>Andrea Baldini<br>Ashok Rajgopal | HIP SESSION 2<br>Cases and Video Presentations of Primary Hip Surgery /<br>Developmental Dysplasia |   | Moderators<br>Douglas A. Dennis<br>George Macheras |
| 10:15                              | Unicompartmental With Anterior Cruciate Ligament (ACL) Reconstruction                               | Paolo Adravanli                                | 10:15  | IHA After Pelvic Osteotomy  | Robert T. Trousdale                                |
| 10:23                              | Bicondylar Unicompartmental Replacement   | Francesco Benazzo                              | 10:30  | Initial Uncemented Acetabular Fixation                                    | William A. Jiranek                                 |
| 10:31                              | High Tibial Osteotomy (HTO) Is Not Vestigial  | Philippe Neyret                                | 10:45  | Modern Cementing Technique  | Thorsten Gehrke                                    |
| 10:39                              | Opening Wedge HTO   | Dae Kyung Bae                                  | 11:00  | Can Radiographs Predict the Need for Modular Stems in the Dysplastic Hip? | Christopher L. Peters                              |
| 10:47                              | Activity Levels After Unicompartmental Knee Arthroplasty (UKA)                                      | Christopher Dodd                               | 11:15  | Femoral Component Selection   | H. Del Schutte                                     |
| 10:55                              | Biarthroplasty Retaining TKA  | Adolph V. Lombardi Jr.                         | 11:30  | Complexities in Complex Primary THR                                       | S. K. S. Marya                                     |
| 11:03                              | Long-Term Outcome of TKA After Failed HTO   | Philippe Hernigou                              | 11:45  | Discussion  |  |
| 11:11                              | Long-Term Outcome of UKA  | Jean-Noël Argenson                             |  |   |  |
| 11:19                              | Short- and Medium-Term Outcome of Polyurethane and Polycarbonate-Urethane Knee Meniscal Replacement | Catherine Van Der Straeten                     |  |   |  |
| 11:26                              | There Is No Good Alternative: Stick to TKA  | Steven J. MacDonald                            |  |   |  |
| 11:34                              | Discussion  |  |  |   |  |
| 12:00                              | BREAKOUT SESSIONS - LUNCH   |  |  |   |  |



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# WORLD ARTHROPLASTY CONGRESS

PARIS, FRANCE 16-18 APRIL 2015



| KNEE SESSION 3<br>Technical Challenges                      |  |   | Moderators<br>Jan M. K. Victor<br>Kelly G. Vince |  | HIP SESSION 3<br>Open Hip Paper Session  |  | Moderators<br>Bryan D. Springer<br>R. Michael Meneghini<br>Walter B. Beaver Jr. |  |  |
|---|--|---|--|--|--|--|---|--|--|
| 13:30   | Oversizing and Soft-Tissue Impingement   |   | Michel Bonnin                                    |  | 13:30  | Allogeneic Cell Therapy for Gluteal Muscle Trauma Improves Functional Regeneration After THA             |   | Tobias Winkler                                   |  |
| 13:38   | Intraoperative Management of Unexpected Medial Collateral Ligament (MCL) Insufficiency |   | Carsten Perka                                    |  | 13:35  | Does Coxa Plana Affect Surgical Difficulties in a THA?   |   | Yoko Mura  |  |
| 13:46   | Hyperextension   |   | Siegfried Hofmann                                |  | 13:40  | Fit and Fill Design Doesn't Fill the Need in Hip Replacement   |   | Bilal Gutterer                                   |  |
| 13:54   | Patella Baja   |   | Gabriel Baron                                    |  | 13:45  | The Effect of Liposomal Bupivacaine Injection During THA   |   | Benjamin Domb                                    |  |
| 14:02   | Severe Varus and Valgus Deformities  |   | Ashok Rajgopal                                   |  | 13:50  | Comparison of Patient-Reported Outcomes From Minihip Arthroplasty and Hip Resurfacing in Younger Adults  |   | Stefan Kreuzer                                   |  |
| 14:10   | Correlation of Knee and Hindfoot Deformities   |   | John J. Callaghan                                |  | 13:55  | Abductor Biomechanics Clinically Impact the THA Dislocation Rate   |   | Eduardo Garcia-Rey                               |  |
| 14:18   | Preoperative Stiffness   |   | Roland Becker                                    |  | 14:00  | A Comparison of Synovial Fluid, Urine, and Serum Ion Levels in Metal-on-Metal THA at 18 Years            |   | Richard Lass                                     |  |
| 14:26   | TKA in the Morbidly Obese  |   | Warwick Bruce                                    |  | 14:05  | Cup Placement Using a Haptically Guided Robotic Technology in THA  |   | Douglas A. Padgett                               |  |
| 14:34   | Periprosthetic Fractures   |   | George J. Haidukewych                            |  | 14:10  | Does Robotic-Assisted Computer Navigation Affect Acetabular Cup Positioning in THA in the Obese Patient? |   | Benjamin Domb                                    |  |
| 14:42   | Discussion   |   |  |  | 14:15  | THA After Acetabular Fracture  |   | Andrea Pantalone                                 |  |
| 15:06   | Debate:<br>Cementless Fixation: Pandora's Box?   | Moderator<br>David Murray               |  | 14:20  | Clinical Outcome and Survival of THA After Acetabular Fracture: A Case-Control Study |  | James Waddell   |  |  |
|   |  | Samih Tarabichi vs.<br>David S. Barrett |  | 14:25  | Proposal of Megaimplants in the Treatment of Osteomyelitis                           |  | Giorgio Maria Calori  |  |  |
|   |  |   |  | 14:30  | Discussion   |  |   |  |  |
| 15:20   | COFFEE   |   |  |  |  |  |   |  |  |
| KNEE SESSION 4<br>Stability in Total Knee Replacement (TKR) |  |   |  | HIP SESSION 4<br>Cases and Video Presentations of Revision Hip Surgery |  |  |   | Moderators<br>David G. Lewallen<br>Carsten Perka |  |
| 15:45   | Debate:<br>Bicruciate Substituting Versus Bicruciate Retaining                         | Moderator<br>Emmanuel Thienpont         |  | 15:45  | Tapered Stems for Severe Femoral Bone Loss   |  | Wayne G. Paprosky   |  |  |
|   |  | Fabio Catani vs.<br>Christopher Dodd    |  | 15:53  | Molded Articulating Cement Spacers   |  | Adolph V. Lombardi Jr.  |  |  |
| 16:01   | Debate:<br>Medial Pivot Versus Posterior Stabilized                                    | Moderator<br>Christopher Dodd           |  | 16:01  | Periprosthetic Fractures   |  | William L. Griffin  |  |  |
|   |  | George Macheras vs.<br>Giles R. Scuderi |  | 16:09  | Plating Complex Acetabular Revisions   |  | Michel Bonnin   |  |  |
|   |  |   |  | 16:17  | Cementless Acetabular Removal  |  | Douglas A. Padgett  |  |  |
|   |  |   |  | 16:25  | Femoral Impaction Grafting   |  | Eduardo Garcia-Cimbrelo   |  |  |
|   |  |   |  | 16:33  | Massive Acetabular Defects   |  | Thorsten Gehrke   |  |  |
| 16:17   | Tuberosity Osteotomy   | Henry D. Clarke                         |  | 16:41  | Treating Pelvic Discontinuity  |  | George J. Haidukewych   |  |  |
| 16:25   | How to Revise the Patella  | Ching-Chuan Jiang                       |  | 16:49  | Acetabular Impaction Grafting  |  | Thorsten Gehrke   |  |  |
| 16:33   | How to Remove the Femoral Component  | David S. Barrett                        |  | 16:57  | Hip Augments   |  | David G. Lewallen   |  |  |
| 16:41   | Finding the Joint Line Level   | Fabio Catani                            |  | 17:05  | Discussion   |  |   |  |  |
| 16:49   | Managing the Gaps  | Arlen D. Hanssen                        |  |  |  |  |   |  |  |
| 16:57   | How to Use Stems   | Walter B. Beaver Jr.                    |  |  |  |  |   |  |  |
| 17:05   | Dealing With Bone Defects  | Richard Iorio                           |  |  |  |  |   |  |  |
| 17:13   | Discussion   |   |  |  |  |  |   |  |  |
| 17:30   | WELCOME RECEPTION, POSTER/E-POSTER PRESENTATIONS                                       |   |  |  |  |  |   |  |  |

## POSTER SESSION - BORDEAUX HALL

| Station 1 |     |   | Moderator<br>S. K. S. Marya  | Station 2 |     |   | Moderator<br>Paola Adravanti    |
|-----------|-----|---|------------------------------|-----------|-----|---|---------------------------------|
| 7:30      | 150 | Cemented Versus Uncemented Fixation in Total Hip Replacement (THR): A Systematic Review & Meta-Analysis   | Ali Abdulkarim               | 17:30     | 266 | Varus-Valgus Constrained Knee Implants: Survivorship and Outcomes   | Alison Klika                    |
| 7:37      | 153 | Treatment Trends of Femoral Neck Fractures in New York State: Is the Rate of Total Hip Arthroplasty (THA) Increasing?   | Jason Hochfelder             | 17:37     | 267 | Irrigation and Debridement Prior to a Two-Stage Revision TKA Does Not Increase Risk of Failure                      | Alison Klika                    |
| 7:42      | 155 | Preassembled Della Ceramic Liner With Large Ceramic Head Early Results in 32 Hips   | Chandeep Singh               | 17:42     | 270 | Combined Effect of Female Gender, Obesity, and Depression on Functional and General Health Outcomes Following TKA   | Carlos Higuera                  |
| 17:49     | 159 | Treatment Decisions for Hip Osteoarthritis in Patients 50 Years and Younger: Medical Management or Surgery?   | Christine Stake              | 17:49     | 337 | Effect of Distal Femoral Joint Line on Ligament Tensions in Flexion With Cruciate Retaining Total Knee              | Ran Schwartzkopf                |
| 17:56     | 160 | Which Prosthetic System Restores Hip Biomechanics More Effectively? Comparison Among Three Different Systems  | Martin Buttaro               | 17:56     | 522 | The Outcomes of Modern High-Flexion Fixed-Bearing UKA at a Minimum of 5 Years                                       | Sebastian Paratte               |
| 18:03     | 169 | Perioperative Complications in Patients With Hepatitis C Without Cirrhosis Undergoing Primary Total Hip and Knee Arthroplasty   | Leonard T. Butler            | 18:03     | 531 | Risk Factors for Infection in Lower Limb Arthroplasty   | Joni Clarke                     |
| 18:10     | 178 | What Safe Zone? The Majority of 224 Dislocated THA Were Within the Lewinnek Zone  | Matthew P. Abdel             | 18:10     | 556 | UKA Patients Return to Function Earlier Than TKA Patients   | Michael Conditt                 |
| 18:17     | 179 | 225 Primary THAs Revised for Instability: Cups Were Very Often Inside Lewinnek Zone, Not Outside  | Matthew P. Abdel             | 18:17     | 569 | Short- to Mid-Term Survivorship of Robotically Guided UKA   | Sharon Branch                   |
| 18:24     | 182 | Survivorship of Cemented Bipolar Hemiarthroplasty After Fracture of the Femoral Neck: A Final Follow-Up   | Philipp von Roth             | 18:24     | 222 | The Relationship Between Constitutional Alignment and Varus Osteoarthritis of the Knee in Males and Females         | Pieter-Jan Vandekerckhove       |
| Station 3 |     |   | Moderator<br>C. Lowry Barnes | Station 4 |     |   | Moderator<br>Sebastian Paratte  |
| 17:30     | 183 | Transplantation of Hypoxia Preconditioned Bone Marrow Mesenchymal Stem Cells (BMMSCs) Enhances Angiogenesis and Osteogenesis in Experimental Femoral Head Osteonecrosis | Lihong Fan                   | 17:30     | 254 | The Effect of Pen-Apatite on Micromotion After TKA - A Prospective Randomised RSA Study                             | Sören Toksvig-Larsen            |
| 17:37     | 199 | Medium-Term Patient Reported Outcomes After THR for Displaced Hip Fractures   | Scott Middleton              | 17:37     | 143 | Which Patients Do Best Following TKA in an Asian Population?  | Hamid Rahmatullah Bin Abd Razak |
| 17:42     | 203 | Lateral trochanteric Pain Following THA: Radiographic Assessment of Altered Biomechanics as a Potential Aetiology   | Ali Abdulkarim               | 17:42     | 163 | Change of Gait in Patients With Lateral Osteoarthritis of the Knee After Mobile-Bearing UKA                         | Joern Seeger                    |
| 17:49     | 210 | Do Dual-Mobility Cups Reduce the Risk of Dislocation in THA for Displaced Femoral Neck Fractures?   | Christophe Nish              | 17:49     | 190 | Several Preoperative Factors Predict Hospital Length of Stay and Institutional Discharge Following Primary TKA      | Matthew Prohaska                |
| 17:56     | 216 | How Accurate Can a Custom-Made Implant Be Positioned in Large Acetabular Defects?   | Marieke Baauw                | 17:56     | 236 | End-Stage Osteoarthritis Does Not Change the Joint Line Orientation of the Knee                                     | Thomas Luyckx                   |
| 18:03     | 258 | THA in Sickle Cell Disease: A Long-term Follow-up   | Imran Ilyas                  | 18:03     | 284 | Patella Baja  | Robert E. Booth Jr.             |
| 18:10     | 281 | Effect of Acetabular Reaming Technique on Displacement of the Center of Rotation  | Geert Meermans               | 18:10     | 293 | Is Roll-Back Indispensable to High Functional Performance After TKA?  | Michel Bercovy                  |
| 18:17     | 300 | Damage to Tendon Attachments During Femoral Procedure in THA: Evaluation Using 3-D Template   | Tatsuya Tamaki               | 18:17     | 296 | Uncemented Mobile-Bearing TKA: A Mid-term Follow-Up Study   | Fabio Confedduco                |
| 18:24     | 305 | Roughened Surface Improves Fixation in Uncemented Alumina-On-Alumina THA  | Eduardo Garcia-Cimbrelo      | 18:24     | 301 | Expectations Fulfilment in Patients Undergoing TKA: A Prospective and Randomized Clinical Trial                     | Juan Leal-Blanco                |
| Station 5 |     |   | Moderator<br>H. Del Schutte  | Station 6 |     |   | Moderator<br>Douglas A. Padgett |
| 17:30     | 309 | Wear Measurement of Long-Term Dual Mobility THA Retrievals  | Bertrand Boyer               | 17:30     | 306 | Single-Radius Cruciate-Retaining (CR) TKA Versus Multi-Radius CR TKA Kinematics During Deep Knee Bend               | Trevor Orisco                   |
| 17:37     | 347 | The Combined Safe Zone in THA: The Current Concept for Optimal Cup and Stem Placement   | Karl-Heinz Widmer            | 17:37     | 335 | PSI in Fixed-Bearing UKA: Early Clinical Results  | Jeffrey DeCaire                 |
| 17:42     | 349 | New Instruments for Optimal Component Placement in Hip Arthroplasty With Impaction-Controlled Stem-First Technique Within the Safe Zone                                 | Karl-Heinz Widmer            | 17:42     | 336 | TKA in the Morbidly Obese Patient: Early Clinical Outcomes Using a Rapid Recovery Program                           | Jeffrey DeCaire                 |
| 17:49     | 360 | Randomized Controlled Trial Comparing Metal Ions in Nine Different Hip Resurfacing Designs  | Catherine Van Der Straeten   | 17:49     | 338 | Effect of Varying PCL Recessions on Kinematics and Ligament Strains With CR Total Knee Prostheses                   | Ran Schwartzkopf                |
| 17:56     | 378 | THA After Failure of Dynamic Hip Screw Fixation in Intertrancher Fractures  | Dariusz Savadkouhi           | 17:56     | 342 | PSI Improves Alignment of Components in TKA for Patients With Severe Femoral Lateral Bowing                         | Jianbing Ma                     |
| 18:03     | 446 | A Simple Checklist Reduces Postoperative Leg-Length Discrepancy Following THAs Performed By Orthopaedic Trainees  | Mohsin Khan                  | 18:03     | 345 | Simultaneous Management of Severe Gonarthrosis and Tibia Stress Fracture by TKA: A New Classification and Follow-Up | Jianbing Ma                     |
| 18:10     | 479 | Idiopathic Femoral Head Osteonecrosis May Be Secondary to Femoral and Acetabular Bony Abnormalities   | Mathieu Olivier              | 18:10     | 350 | No Differences in Functional Results and Quality of Life After Single-Radius or Multi-Radius                        | Pedro Hinarejos                 |
| 18:17     | 508 | Measurement Accuracy of THA Implants by EOS Imaging System Is Equal to Computed Tomography Scan   | Kunihiko Iakunaga            | 18:17     | 351 | Good Survivorship of All-Polyethylene Tibial Component UKA at Long-Term Follow-Up                                   | Danilo Bruni                    |
| 18:24     | 511 | Current Status of Revision THA in Northeastern China  | Bajian Liang                 | 18:24     | 373 | Combination Is More Effective Than Topical Application of Tranexamic Acid to Reduce TKA Perioperative Blood Loss    | Jianbing Ma                     |





ICJR

Europe's Global

# WORLD ARTHROPLASTY CONGRESS

PARIS, FRANCE 16-18 APRIL 2015



FRIDAY, 17 APRIL 2015

## GRAND AMPHITHEATER

KNEE/HIP SESSION 1  
Controversies
**Moderators**  
David S. Banell  
Douglas A. Padgett

|      |   |                          |
|------|---|--------------------------|
| 8:00 | Registries Report True Performance of a Procedure | Per Kjaersgaard-Andersen |
| 8:08 | Registries Are Severely Biased and Overrated      | David Murray             |
| 8:16 | One-Stage Revision of the Infected Arthroplasty   | Thorsten Gehrke          |
| 8:24 | Sports Participation After THA/TKA                | Henry D. Clarke          |
| 8:32 | Role of Arthroscopy: Highway to TKA/THA?          | Gabriel Baron            |
| 8:40 | Arthroplasty in the Young Baby-Boomer             | Bernhard Christen        |
| 8:48 | Fast-Track Surgery: Get You Out ASAP?             | Emmanuel Thienpont       |
| 8:56 | Local Injections for Pain Control                 | C. Lowry Barnes          |
| 9:04 | Gap Balancing Versus Measured Resection           | W. Norman Scott          |
| 9:11 | Discussion  |                          |

## HAVANE AMPHITHEATER

## AWARD SESSION - FREE PAPERS

**Moderator**  
Ale Wymenga

|       |   |                   |
|-------|---|-------------------|
| 9:30  | Raising the Joint Line in TKA Causes Significant Mid-Flexion Instability  | Thomas Luyckx     |
| 9:38  | A New Histopathology Grading System for the Characterization of Human Knee Osteoarthritis: A Biomechanical Validation | Wenzel Waldstein  |
| 9:46  | Characterization of Femoral Head Taper Corrosion Features Using an 18-Year Retrieval Database                         | Patrick Aldinger  |
| 9:54  | National Trends in THA Outcomes in Patients With Coagulation Disorders: A Nationwide Database Study                   | Bhveen H. Kapadia |
| 10:02 | COFFEE  |                   |

## KNEE/HIP SESSION 2

## Thromboprophylaxis / Blood &amp; Pain Management

**Moderators**  
Siegfried Hofmann  
William A. Jiranek

|       |  |                          |
|-------|--|--------------------------|
| 10:30 | Deep Vein Thrombosis (DVT) Prophylaxis - What Treatment Is Needed for Our 2015?                        | Per Kjaersgaard-Andersen |
| 10:38 | Thromboembolic Risk With Tranexamic Acid for Primary THA and TKA                                       | Rafael Sierra            |
| 10:46 | Blood Loss: Comparative Results With Three Different Preservation Strategies                           | T.K. Kim                 |
| 10:54 | Efficacy and Cost Analysis of Reinfusion Drains Versus Tranexamic Acid: A Prospective Randomized Trial | Bryan D. Springer        |
| 11:02 | Multimodal Perioperative Pain Control  | Mark W. Pagnano          |
| 11:10 | Use of Peri-Articular Injections for Perioperative Pain Control  | R. Michael Meneghini     |
| 11:18 | Discussion   |                          |
| 12:00 | BREAKOUT SESSIONS - LUNCH  |                          |

## KNEE/HIP SESSION 3

## Registry Outcome Reporting

**Moderators**  
Kelly G. Vince  
Henrik Malchau

|       |   |                          |
|-------|---|--------------------------|
| 13:15 | Highlights of the Australian Registry Knees   | Warwick Bruce            |
| 13:30 | Highlights of the Scandinavian Registry Knees | Ove Furnes               |
| 13:45 | Highlights of the Scandinavian Registry Hips  | Per Kjaersgaard-Andersen |
| 14:00 | Highlights of North American Registry Hips    | David G. Lewallen        |



| KNEE/HIP SESSION 4<br>Comorbidities / Infection Prevention & Diagnosis |   | Moderators<br>Arlen D. Hansen<br>Thorsten Gehrke |
|--|---|--|
| 14:15  | Complication Reporting for THA/TKR Standardized Complication                        | William L. Healy                                 |
| 14:22  | Modifiable Versus Nonmodifiable Risk Factors for Infection After Hip Arthroplasty   | Richard Iorio                                    |
| 14:29  | Avoiding Surgical Site Infection  | Giles R. Scuderi                                 |
| 14:36  | Enhanced Detection of Staphylococcus Aureus Colonization in Patients Undergoing THA | Kevin L. Garvin                                  |
| 14:43  | A New National Surgical Site Infection Surveillance Program for New Zealand         | Kelly G. Vince                                   |
| 14:50  | Biomarkers for Prosthetic Infection: The Role of Toll-Like Receptor (TLR)           | William A. Jiranek                               |
| 14:57  | Alpha-Defensin: Is This the Best Biomarker to Detect Periprosthetic Infection?      | Robert E. Booth Jr.                              |
| 15:04  | Discussion  |  |
| 15:15  | COFFEE  |  |

| HIP SESSION 5<br>Primary Hip Arthroplasty Topics |  | Moderators<br>William L. Griffin<br>Yan Wang | KNEE SESSION 5<br>Research in Europe | Moderators<br>Philippe Neyret<br>Douglas Padgett                       |                 |
|--|--|--|--------------------------------------|--|-----------------|
| 15:45  | In Vivo Kinematics and Sound for THA Implanted Using Three Different Surgical Techniques                                   | Richard D. Komistek                          | 15:45                                | Joint Line Obliquity and Postoperative Gait                            | Justin Cobb     |
| 15:52  | Preservation of Acetabular Bone Stock in THA Using Conventional Versus Robotic Techniques: A Matched-Pair Controlled Study | Michael Conditt                              | 15:53                                | Dynamic RSA  | Mauro Marcacci  |
| 15:59  | The Anterior Approach for Primary Challenging and Revision THA   | Frederic Lauze                               | 16:01                                | Kinematics in Medial Unicompartmentals                                 | Susanne Fuchs   |
| 16:05  | Direct Anterior Approach (DAA) THA: Fad or Here to Stay?   | Raymond H. Kim                               | 16:09                                | TKA in Young Patients  | Patrick Sussman |
| 16:12  | Early Results of Direct Anterior Versus Posterior THA  | Robert T. Trousdale                          | 16:17                                | Unloading the Medial Compartment                                       | Nick London     |
| 16:19  | Complication of THR Using Minimally Invasive Surgery (MIS) DAA   | George Macheras                              | 16:25                                | Automatic Characterization of Knee Ligaments Using Statistical Atlases | Mohamed Mafouz  |
| 16:26  | Intraoperative Fracture in THA   | Stephane Boisdard                            | 16:33                                | Quality of Implants and Patient Safety                                 | Robert Nelissen |
| 16:33  | Risk of Periprosthetic Fractures With Direct Anterior Primary THA  | Adolph V. Lombardi Jr.                       | 16:41                                | Performance of Implants and Procedures in the Orthopaedic Community    | Timothy Wilton  |
| 16:40  | The Learning Curve: 160 DAA Cases  | William Walter                               | 16:48                                | Discussion   |                 |
| 16:47  | Femoral Reconstruction With Short Conical Wagner Type Stems in Developmental Dysplasia of the Hip                          | Konstantinos Bargiotas                       |                                      |  |                 |
| 16:54  | Discussion   |  |                                      |  |                 |

## E-POSTER SESSION - BORDEAUX HALL

| Station 1 |     |   | Moderator<br>Raymond H. Kim  | Station 2 |     |   | Moderator<br>Tilman Pflitzner |
|-----------|-----|---|------------------------------|-----------|-----|---|-------------------------------|
| 17:00     | 520 | Clinical Accuracy of a Novel Patient-Specific Instrumentation (PSI) System (Trinity Ops) for Acetabular Cup Orientation       | Ed Marel                     | 17:00     | 391 | Use of Tibial Augments Provides Improved Functional Outcomes in a Revision Single-Radius Knee Design                    | Danielle Campbell             |
| 17:07     | 530 | Using Mathematical Modeling to Determine In Vivo Joint for Cauda Equina Syndrome (CES) and Motions                            | Michael LaCour               | 17:07     | 393 | Early Results in the Use of a New Kinematic Knee System   | Thomas Paszicsnyek            |
| 17:14     | 532 | Outcomes of THA After Hip Arthroscopy Are Inferior  | Jonathan Vigdorchik          | 17:14     | 403 | Prospective Effect on 3D Kinematics of Two Implant Designs: Bicruciate-Retaining and Posterior Stabilizing              | Gabriel Larose                |
| 17:21     | 574 | Surgical Site Infection Following Hip Fracture Surgery: Single Centre 5-Year Review   | Mohamed Fagir                | 17:21     | 426 | Measurement of the Knee Flexion Angle With Smartphone Applications Is Precise and Accurate                              | Jean-Yves Jenny               |
| 17:28     | 290 | Update on Diagnosis   | Rubert E. Booth Jr.          | 17:28     | 428 | Patient-Specific Templates for TKR: Analysis of the Learning Curve in an Academic Department                            | Jean-Yves Jenny               |
| 17:35     | 265 | Alpha-Defensin Accuracy to Diagnose Periprosthetic Joint Infection – Best Available Test?                                     | Carlos Higuera               | 17:35     | 429 | Intraoperative Analysis of the Kinematic Behavior of a TKR by a Navigation System                                       | Jean-Yves Jenny               |
| 17:42     | 168 | The Influence of Alcohol Misuse on Outcomes Following Primary THA and TKA   | Leonard T. Butler            | 17:42     | 450 | Can Valgus Stress Radiographs Assess the Integrity of Lateral Compartment Cartilage in Knees With Varus Osteoarthritis? | Wenzel Waldstein              |
| 17:49     | 173 | Procedural Factors to Enhance Patient Satisfaction Following Lower-Limb Arthroplasty  | David Hamilton               | 17:49     | 473 | PSI in TKA: Radiological Accuracy and 2-Year Clinical Outcome   | Leo Pauzenberger              |
| 17:56     | 312 | Outcome of Total Joint Replacement Surgeries in Patients With Inherited Bleeding Disorders – One Center's Experience          | Jerzy Miroslaw Jaworski      | 17:56     | 315 | Results of Treatment of Patients With Inherited Bleeding Disorders Who Underwent TKR Surgeries                          | Jakub Szmyd                   |
| 18:03     | 475 | Ceramic THA in Very Young Patients  | Didier Hannouche             | 18:03     | 415 | Outcomes and Long-Term Survivorship Following TKA   | Michael Mont                  |
| 18:10     | 389 | Simultaneous Hip Taper Junction Measurements of Electrochemistry and Micromotion: A Comparison of Taper Geometry and Material | Jim Nevelos                  |           |     |   |                               |
| Station 3 |     |   | Moderator<br>Samih Tarabichi | Station 4 |     |   | Moderator<br>Mohamed Mahfouz  |
| 17:00     | 421 | Prophylactic Antibiotic Treatment Does Not Negatively Impact Intraoperative Samples During Revision for Infected TKA          | Jean-Yves Jenny              | 17:00     | 512 | Trabecular Metal Maniblock Tibial Component in Primary TKA: A 10-Year Follow-Up   | Ivan De Martino               |
| 17:07     | 217 | Implant Sonication as a Diagnostic Tool for Infection in Revision Surgery   | Floor van Diek               | 17:07     | 535 | Patient-Specific Versus Two Traditional TKA During Deep Knee Bend and Chair Rise  | Bradley Meccia                |
| 17:14     | 327 | Deposition of Zirconia-Toughened-Alumina Coatings by Means of Pulsed Plasma Deposition Technique: Preliminary Results         | Alessandro Russo             | 17:14     | 536 | Does Robotic-Assisted UKA Improves Joint Line Reconstruction?   | Sebastien Lustig              |
| 17:21     | 365 | White Band as an Indicator for Polyethylene Oxidation – Fact or Artifact  | Jacob Blitz                  | 17:21     | 551 | Bony Cuts or Soft-Tissue Release? Using Intraoperative Sensors to Refine Balancing Techniques in TKA                    | Martin Roche                  |
| 17:28     | 209 | Propionibacterium Periprosthetic Joint Infections With or Without Rifampicin Treatment: 1- and 2-Year Results                 | Anouk Jacobs                 | 17:28     | 559 | Ultrasound Examination of Patellar Tendon Donor-Site Healing After Harvest for ACL Reconstruction                       | Hamed YazdaniShenas           |
| 17:35     | 230 | Beyond Compliance With the Regulatory Bodies: More Ethical and Responsible Methods of Introducing Implants to Market          | Timothy Willon               | 17:35     | 578 | Medial Compartment Congruence and Joint Space Width Alterations Following Lateral UKA                                   | Hendrik A. Zuiderbaan         |
| 17:42     | 148 | The Effect of Orthopaedic Surgery on the Intrinsic Properties of Surgical Gloves  | Ali Abdulkarim               | 17:42     | 579 | Predictors of Outcome Following Robot-Assisted UKA  | Hendrik A. Zuiderbaan         |
| 17:49     | 506 | Clinical Outcomes of 1 Stage Reimplantation for Acute Prosthetic Joint Infection After Bipolar Hemiarthroplasty               | Jai Hyung Park               | 17:49     | 576 | Unicondylar Knee Arthroplasty Versus TKA: Which Type of Artificial Joint Do Patients Forget?                            | Aernout Zuiderbaan            |
| 17:56     | 126 | Treatment of Periprosthetic Tibial Plateau Fractures in UKA: Plates Versus Cannulated Screws                                  | Joern Seeger                 | 17:56     | 580 | Isolated or Combined Patellofemoral Arthroplasty With a Third-Generation Implant: 111 Consecutive Cases                 | Matteo Marullo                |
| 18:03     | 185 | Intraoperative Navigation of PSI Does Not Predict Final Implant Position  | Tilman Pflitzner             | 18:03     | 437 | A Matched-Paired Study Between Bicompartmental (patellofemoral arthroplasty [PFA] + UKA) and TKA                        | Norberto Confalonieri         |

## E-POSTER SESSION - BORDEAUX HALL

| Station 5 |     |  | Moderator<br>Jasmeel Singh Soren | Station 6 |     |  | Moderator<br>Michel Bonnin |
|-----------|-----|--|----------------------------------|-----------|-----|--|----------------------------|
| 17:00     | 259 | Nano Silver Versus Silver Sulfate Polymethylmethacrylate (PMMA) Against Candida Albicans - an In Vitro Study | Renate Krasnig                   | 17:00     | 424 | Patient Specific "À La Carte" Knee Reconstruction With Unicompartmental Knee Replacement: A Feasibility Study          | Jean-Yves Jenny            |
| 17:07     | 571 | Elution of Gentamicin From PMMA Bone Cement Spacers In Vivo  | Giovanni Balato                  | 17:07     | 425 | Same Success Rate for Routine One-Stage Versus Selected One-Stage Exchange for Infected TKR: Matched-Paired Comparison | Jean-Yves Jenny            |
| 17:14     | 353 | Does TKA Modify Flexion Axis of the Knee?  | Danilo Bruni                     | 17:14     | 180 | Characterization of Periprosthetic Femur Fractures in 32,754 Primary TKAs: A 40-Year Experience                        | Matthew P. Abdel           |
| 17:21     | 234 | Biomarkers of Failed TKA   | William Mihalko                  | 17:21     | 274 | How Accurate Can We Measure the Alignment Before and After TKA: A 3D Versus 2D Analysis                                | Stefaan Van Onsem          |
| 17:28     | 263 | Improvement of Bone Resection Angle Outliers With Intraoperative X-Rays in Conventional TKA                  | Ryutaku Kaneiyama                | 17:28     | 422 | Simulation of Balancing a TKA With a Navigation System: Towards an "À La Carte" Balancing?                             | Jean-Yves Jenny            |
| 17:35     | 269 | Malposition and Malrotation in TKA: Which Patients Have a Better Outcome After Revision?                     | Kasper Bernardt                  | 17:35     | 582 | Primary Repair of Iatrogenic Medial Collateral Ligament Injury During TKA, a Modified Technique                        | Usama H. Saleh             |
| 17:42     | 297 | Single-Stage TKA and Osteotomy as Treatment of Osteoarthritis With Severe Extra-Articular Deformity          | Remco van Wensen                 | 17:42     | 488 | Automatic Characterization of Knee Ligaments Using Statistical Atlases   | Mohamed Mahfouz            |
| 17:49     | 561 | The Potential Role of the Collateral Ligaments Strain Ratio as a Predictor of Knee Arthroplasty Outcome      | Patrick A. Mesere                | 17:49     | 489 | Is the Rotation of Tibial Reference Lines the Same in the Normal and Osteoarthritic Knee?                              | Mohamed Mahfouz            |
| 17:56     | 539 | Bicompartmental Arthroplasty With a One-Piece Customized Device: Early Experience and Patient Outcomes       | Tom Minas                        | 17:56     | 356 | Reported Allergies Are Related With Poor Outcomes After TKA  | Pedro Hinarejas            |
| 18:03     | 557 | Design and Evaluation of a Device to Measure Varus-Valgus Knee Stability in a Clinical Setting               | Peter Walker                     |           |     |  |                            |
| 19:00     |     | ICJR GLOBAL "A TASTE OF FRANCE" GALA   |                                  |           |     |  |                            |

## SATURDAY, 18 APRIL 2015

### GRAND AMPHITHEATER

| HIP SESSION 6<br>THR Long-Term Results |   | HAVANE AMPHITHEATER |  |
|--|---|---------------------|--|
|  | Moderators<br>Steven J. MacDonald<br>Ove Furnes   |                     | Moderators<br>Gjts Van Heermondt<br>Daniel J. Berry  |
| 8:00                                   | Charnley Jumbo in 2000 Primary Charnley THAs  | 8:00                | TKA After Patellectomy   |
| 8:15                                   | Long-Term Results of Axiom Sized Cemented THR   | 8:07                | RSA: An Effective Tool to Predict Implant Survival After an All-Poly UKA—A 10-Year Follow-Up Study                                 |
| 8:30                                   | Highly Crosslinked Polyethylene in Patients 50 Years and Younger  | 8:14                | Lower Limb Joint Replacement in Patients With a History of Venous Thromboembolism  |
| 8:45                                   | A Decade of Experience With Highly Crosslinked Polyethylene: 1484 Cases   | 8:21                | 15-Year Results of TKAs After a Tibial Plateau Fracture  |
| 9:00                                   | Randomized Study on Highly Crosslinked Poly- and Oxinium Versus Cobalt-Chrom Using Radiostereometric Analysis (RSA) | 8:28                | Determining Health-Related Quality-of-Life Outcomes Using the SF-6D Preference-Based Measure in Patients Following TKA             |
| 9:15                                   | 20-Year Survey of THA Using 28-mm Metasul Articulation in Active Patients Younger Than 50 Years                     | 8:35                | Early Results of a Highly Porous Titanium Cementless Tibial Baseplate in TKA   |
| 9:30                                   | Delta Ceramic-on-Ceramic THA – Midterm Investigational Device Exemption (IDE) Study Results                         | 8:42                | Does Varus Alignment Adversely Affect 6-Year Implant Survival and Function After Kinetically Aligned TKA?                          |
| 9:45                                   | Alumina-on-Alumina THA, Clinical Experience After 15 Years  | 8:49                | Effects on the Survival of the Oxford Unicompartmental Knee Prosthesis After Implementation of the Oxford Guidelines               |
| 10:00                                  | 25 Years of Ceramic THAs Experience: Why Ceramic Is Here to Stay!   | 8:56                | Does Stemmed Tibial Component in TKA Improve Outcomes in Patients With a Body Mass Index (BMI) Greater Than 30 Kg/M <sup>2</sup> ? |
| 10:15                                  | Is the Use of Ceramic-on-Ceramic Bearings a Reasonable Alternative to Metal-on-Polyethylene in Revision THR?        | 9:03                | Early Experience With Bicruciate-Retaining TKA   |
| 10:30                                  | Fracture Mechanics and Risk Factors of Ceramic Breakage   | 9:10                | Modern Implants Facilitate Enhanced Patient Outcomes: Results of a Prospective Double-Blind Randomised Controlled Trial            |
| 10:45                                  | Are Ceramic Heads Worth the Price? A Cost-Effectiveness Analysis  | 9:17                | Circumferential Electrocautery of the Patellar in the Primary TKR: A Meta-Analysis   |
| 11:00                                  | Discussion  | 9:24                | Discussion   |
| 11:15                                  | COFFEE  |                     |  |

| HIP SESSION 7<br>Hip Instability |  | KNEE SESSION 8<br>Technology and Kinematics |  |
|----------------------------------|--|---|--|
|                                  | Moderators<br>William J. Maloney III<br>Yixin Zhou                                     |   | Moderators<br>John J. Callaghan<br>Sebastian Paratte   |
| 11:15                            | New Patients' Related Risk Factors for Dislocation After THA                           | 10:15                                       | Forward Solution Mathematical Modeling to Evaluate Future TKA Designs                                      |
| 11:30                            | Lumbar Spine Fusion Limits Pelvic Mobility in THR Patients                             | 10:23                                       | Use of Stems in Revision Surgery, Comprehensive Algorithm  |
| 11:45                            | Refining the Acetabular Component Safe Zone for Posterior Approach THA                 | 10:31                                       | Hard Ceramic Thin Films on UHMWPE Inserts Realized by Means of Pulsed Plasma Deposition Technique          |
| 12:00                            | What Safe Zone? Most Dislocated Total Hips Were Within the Lewinnek Zone               | 10:39                                       | In Vitro Evaluation of Knee Kinematics: Is Squatting the Only Option?                                      |
| 12:15                            | Factors Associated With Dislocation After THA Performed With Large Diameter Heads      | 10:47                                       | Simulation of Balancing a TKA With a Navigation System: Towards an "A La Carte" Balancing?                 |
| 12:30                            | Trade-Offs Between Stability and Wear in THR: A Mechanical Model                       | 10:55                                       | Immediate Quadriceps Peak Strength Related to Change of Anterior Femoral Offset in TKA                     |
| 12:45                            | Interest of Dual-Mobility in Revision Hip Arthroplasty: Multicentric Prospective Study | 11:03                                       | Changes of Anterior Distal Femoral Offset Affected the Peak Quadriceps Strength in TKA                     |
| 13:00                            | Cumulative Risk of Reoperation and Revision After Revision THA for Instability         | 11:11                                       | Walking Down Ramps: Single Radius CR TKA Versus Multi-Radius CR TKA Kinematics                             |
| 13:15                            | High Failure Rate After Constrained Liner for THA                                      | 11:19                                       | Patients With Reduced Flexion After PCL-Retaining TKR Have a More Posterior Femoral Tibial Contact Point   |
| 13:30                            | Dual-Mobility Articulation Outperforms Constrained Liners in Patients at High Risk     | 11:27                                       | In Vivo Kinematics for Subjects Implanted With Either a Traditional or a Customized, Individually Made TKA |
| 13:45                            | Discussion   | 11:35                                       | No UH-Off Motion Occurs With Proper Coronal Alignment Regardless of Lateral Laxity in TKA                  |
| 14:00                            |  | 11:42                                       | Discussion   |
| 14:15                            | BREAKOUT SESSIONS - LUNCH  |   |  |



| HIP SESSION 8<br>Revision Hip Arthroplasty      |   | Moderators<br>Arlen D. Hansen<br>Michel Bonnin       | KNEE SESSION 9<br>Outcomes                        |   | Moderators<br>Roland Becker<br>Bernhard Christen |
|---|---|--|---|---|--|
| 13:30   | Why Revision THA Fails  | Bryan D. Springer                                    | 13:30   | Can TKA Aiming for Mechanical Axis Alignment Restore Neutral Frontal Plane Kinematics During Gait?                                    | Gabriel Larose                                   |
| 13:37   | Comparison of Patient-Relevant Outcomes After Hip Revision Surgery and Primary THR                                    | Klaus-Peter Günther                                  | 13:37   | Measurement of the Posterior Femoral Offset: Navigation is More Precise Than Standard X-Rays  | Jean-Yves Jenny                                  |
| 13:44   | Long-Term Results of Liner Polyethylene Cementation Technique in Revision for Peri-Acetabular Osteolysis              | Bilal Qutleimah                                      | 13:44   | Quantifying the Kinetic Variability Inherent in Cementing Technique During TKA  | Martin Roche                                     |
| 13:51   | PSI in Large Acetabular Defects in Revision THA: Accuracy and Early Results   | Gijs Van Hellemond                                   | 13:51   | Intraoperative Assessment of the Soft-Tissue Envelope is Integral to the Planning of UKA Components                                   | Michael Condit                                   |
| 13:58   | Use of Porous Tantalum Augments in Complex Revision THA: 5- to 12-Year Results  | David G. Lewallen                                    | 13:58   | Can Patient Shoe Size Be Used to Predict Components Size in TKA?  | Ali Abdulkarim                                   |
| 14:05   | Pelvic Discontinuity: Outcome of Current Treatment Methods  | Daniel J. Berry                                      | 14:05   | Rotational Positioning Technique in TKA When Using Anatomic or Symmetric Tibial Baseplate Designs                                     | Pier Francesco Indelli                           |
| 14:12   | Technique Evolution of Impaction Bone Grafting in Femoral Revision Surgery Has Improved Clinical Outcome              | Eduardo Garcia-Cimbrelo                              | 14:12   | Physiologic Knee Joint Orientation in Medial Osteoarthritic Patients: A Comparison Between Neutral Alignment and Constitutional Varus | Pieter-Jan Vandekerckhove                        |
| 14:19   | Fatigue Fracture of the U-Stem Cemented Femoral Component in Revision Surgery Using Bone Impaction Grafting Technique | Martin Buttaro                                       | 14:19   | The Intraoperative Varus and Valgus Following TKA: A Systematic Review  | Leigh White                                      |
| 14:26   | Tapered Fluted Modular Titanium Stems: Their Role in Revision   | George J. Halachewski                                | 14:26   | Knee Alignment and Inadequate Matching Procedures Provides Better Joint Function Than Conventional Mechanical Alignment               | Claudio Belvedere                                |
| 14:33   | Survivorship and Complications of Revision THA With a Mid-Modular Femoral Stem  | Jason Hochstetler                                    | 14:33   | Stiffness of the Soft-Tissue Complex During Intraoperative Gap Balancing in TKA   | Petra Heesterbeek                                |
| 14:40   | Double Conical Stem: New Solution for Revision Hip Surgery  | Francesco Benazzo                                    | 14:40   | Can Robotic Surgery Improve Accuracy and Outcome in Unicompartimental Knee Replacement Surgery?                                       | Mark Blyth                                       |
| 14:47   | Which is the Best Option of Bearing Surface After Ceramic Fracture?   | Luigi Zagro  | 14:47   | How Accurately Can Total Knees Be Balanced at Surgery?  | Patrick A. Meere                                 |
| 14:54   | Discussion  |  | 14:54   | Discussion  |  |
| 15:15   | COFFEE  |  |   |   |  |
| HIP SESSION 9<br>Altered Local Tissue Reactions |   | Moderators<br>Robert T. Trousdale<br>C. Lowry Barnes | KNEE SESSION 10<br>Failure Mechanisms - Alignment |   | Moderators<br>Rafael Sierra<br>Christopher Dodd  |
| 15:45   | Should We Abandon Metal-on-Metal Bearing?   | Henri Migaud   | 15:45   | Assessing and Quantifying Instability in Revision TKA   | David Hamilton                                   |
| 15:52   | Complications Associated With Large-Diameter Metal-on-Metal THA   | William L. Griffin                                   | 15:52   | Increased Non-Stemmed Tibial Failures in Patients With a BMI $\geq 35$ Undergoing TKA   | Matthew P. Abdel                                 |
| 15:59   | Patients Related Feature Enhancing the Risk of Cobaltism Following Metal-on-Metal THAs                                | Aldo Toni  | 15:59   | Reduced Stem Length Does Not Adversely Affect Tibial Stability - A Prospective Randomised RSA Study                                   | Sören Taksvig-Larsen                             |
| 16:05   | Adverse Local Tissue Reactions in Asymptomatic Modular Metal-on-Metal Total Hips Decrease Over Time                   | Walter B. Beaver Jr.                                 | 16:05   | Meta-Analysis Comparing All-Polyethylene to Metal-Backed Tibial Component in TKA: Assessing Survivorship and Functional Outcomes      | Khaled Saleh                                     |
| 16:12   | 5-Year, Prospective Study of Metal Ion Release Following Metal-on-Metal THA Before and After Revision                 | Scott Slagis   | 16:12   | Varus Knee Total Replacement Surgery (Tibial Component Placement) According to the Rotational Alignment of the Limb                   | Martin Ferenec                                   |
| 16:19   | Trunion Issues at the Head-Neck Taper: Why Are They Occurring?  | John J. Callaghan                                    | 16:19   | Bone Remodelling Around Short Metaphyseal Implant in THA: A DEXA Study With 3-Year Follow-up  | Raffaella Alonzo                                 |
| 16:26   | Adverse Local Tissue Reaction Secondary to Corrosion at the Head-Neck Junction  | Wayne G. Paprosky                                    | 16:26   | Are Complication Rates in Knee Replacement Surgery Equal Among All Age Groups?  | Mark Blyth                                       |
| 16:33   | Effect of Frictional Torque and Bending Moment on the Fretting Corrosion Behaviour of the Femoral Head                | Khabab Osman   | 16:33   | Sports After TKA: Is It Possible Without Influencing TKA Survivorship?  | Michel Bercovy                                   |
| 16:40   | Correlation of Corrosion and Biomechanics of a Single Modular Neck Hip Arthroplasty Design Retrieval                  | Steven J. MacDonald                                  | 16:40   | Selective Use of PSI  | Jasmeet Singh Saren                              |
| 16:47   | Taper Fretting and Corrosion in Hip Arthroplasty: How Ceramics Address This Clinical Issue                            | Philippe Hernigou                                    | 16:47   | Short-Term Survivorship and Outcomes of Robotically Assisted Bicompartmental Arthroplasty   | Sharon Branch                                    |
| 16:54   | Discussion  |  | 16:54   | Predicting the In Vivo for CES of the Knee for Various Activities: Modeling Versus Telemetry  | Adrija Sharma                                    |
|   |   |  | 17:00   | Discussion  |  |
| 17:20   | Closing Remarks   |  |   |   |  |