PROGRAM AGENDA

Program schedule as of June 26, 2017 - Program and Faculty subject to change

Jeffrey Johnson, MD, AOFAS President
Jeremy McCormick, MD, Program Chair
Sandra Klein, MD, Pre-meeting Course Chair

WEDNESDAY, JULY 12, 2017
Pre-meeting Course
Expect the Unexpected: Treating Foot and Ankle Trauma

6:00 – 6:55 am
Continental Breakfast

6:55 – 7:00 am
Welcome and Announcements
Sandra E. Klein, MD, Pre-meeting Course Chair

7:00 – 8:00 am
The Challenges of Treating Acute Ankle Fractures and Beyond
Moderator: Christopher W. DiGiovanni, MD

7:00 am  More Than a Trimalleolar Ankle Fracture: When the Simple Turns Complicated
James R. Ficke, MD

7:12 am  The Geriatric Ankle Fracture: New School Techniques for Older Ankles
Jason T. Bariteau, MD

7:24 am  The Malunited Ankle: Techniques to Make the Second Time the Charm
Mark J. Berkowitz, MD

7:36 am  Complex Nonunions/Nonunion Science: Is It What You Do or What You Put in It?
Mark A. Glazebrook, MD, MSc, PhD

7:48 am  Discussion

8:00 – 8:50 am
TRAUMA ROUNDS: Interactive Ankle Fracture Cases – Is It Broken or Just Fractured?
Moderators: Andrew J. Goldberg, MD, MBBS, FRCS(Tr&Orth), and Thomas G. Harris, MD

Cases: Nonunited/Infected Pilon, Tibial Articular Impaction, Complicated Trimalleolar Fracture, Malunited Ankle
Beat Hintermann, MD; John S. Early, MD; David B. Thordarson, MD
8:50 – 9:25 am
PAPER SESSION
Moderators: Steven D. Steinlauf, MD, and Rebecca A. Cerrato, MD

8:50 am  Risk Factors of Early Complications, Readmission, and Reoperation After Below Knee Amputation
David J. Ciufo, MD; Russell Marchese, BA; Caroline Thirukumaran, MBBS, PhD, MHA; Irvin Oh, MD

8:55 am  Restoration of Tibiofibular Kinematics with a Tricortical Screw or Suture Button Fixation After Syndesmotic Ankle Injuries
Conor I. Murphy, MD; Thomas Pfeiffer, MD; Jason Zlotnicki, MD; Volker Musahl, MD; Richard Debski, PhD; MaCalus Hogan, MD

9:00 am  External Fixation in the Emergency Department Is Equally Efficacious to Placement in the Operating Room
Kalpit N. Shah, MD; Joseph Johnson, MD; Seth O'Donnell, MD; Joseph Gil, MD; Christopher Born, MD; Roman Hayda, MD

9:05 am  Comparison of Screws to Plate-and-Screw Constructs for Midfoot Arthrodesis
Jamal Ahmad, MD

9:10 am  Discussion

9:25 – 9:40 am
Break

9:40 – 10:15 am
Midfoot Trauma: Small Bones, Big Problems
Moderator: Christopher P. Chiodo, MD

9:40 am  Lisfranc Injuries: The Not So Subtle Lisfranc
Sarah A. Anderson, MD

9:52 am  Post-traumatic Midfoot Deformity: Salvage Techniques for a Difficult Problem
Michael E. Brage, MD

10:04 am  Discussion

10:15 – 11:30 am
The Opioid Epidemic: Defining the Problem and Your Role in the Solution
Moderator: Patrick B. Ebeling, MD

10:15 am  Opioids and Orthopaedics
Haley M. Merrill, MD

10:30 am  Neurobiology of Addiction
David J. Tauben, MD

10:45 am  The Experience of a High-volume Trauma Center
Ivan K. Lesnik, MD
11:00 am  Legislative Direction  
   *Rep. Elizabeth A. Beskin*

11:15 am  Discussion

**11:40 am – 1:10 pm**  
Industry Satellite Symposia

**1:15 – 1:20 pm**  
Announcements

**1:20 – 2:10 pm**  
TRAUMA ROUNDS: To Fix or Not to Fix? An Interactive Session of Controversial Cases  
*Moderators: Anish Kadakia, MD, and A. Holly Johnson, MD*

*Cases:* Unusual Metatarsal Fracture, Great Toe Fractures, Cuboid Fractures, Lateral Process of the Talus  
*Judith F. Baumhauer, MD, MPH, MS; Lew C. Schon, MD; John G. Anderson, MD*

**2:10 – 3:00 pm**  
Hindfoot Fractures: Picking Up the Pieces  
*Moderator: Florian Nickisch, MD*

2:10 pm  Sinus Tarsi and Other Approaches to Calcaneus Fractures: Do I Really Need to Learn These New Approaches?  
*William C. McGarvey, MD*

2:22 pm  Salvage of Calcaneus Fractures: The Short, the Wide, and the Crooked  
*Micheal P. Clare, MD*

2:34 pm  Talar Neck and Body Fractures: Preoperative Planning and Techniques to Improve Outcomes  
*Alexej Barg, MD*

2:46 pm  Discussion

**3:00 – 3:45 pm**  
TRAUMA ROUNDS: Interactive Hindfoot Case Presentations  
*Moderators: Stefan Rammelt, MD, PhD, and Brian M. Weatherford, MD*

*Cases:* Comminuted Calcaneus Fracture, Talar Neck Malunion, Posterior Talar Body Fractures  
*Stephen K. Benirschke, MD; Bruce E. Cohen, MD; Arthur Manoli, MD*

**3:45 pm**  
Adjourn

**5:00 – 7:00 pm**  
Welcome Reception  
Exhibit Hall
THURSDAY, JULY 13, 2017

6:00 – 7:00 am
Continental Breakfast

7:00 – 7:05 am
Introduction
Jeremy J. McCormick, MD, Program Chair

7:05 – 8:00 am
SYMPOSIUM 1: Challenging Ligament Injuries in Sports – When Sprains Don’t Get Better
Moderator: Robert B. Anderson, MD

7:05 am  The Failed Broström: Should I Have Done It Through a Scope? Now What?
Peter G. Mangone, MD

7:13 am  Delayed Presentation Lisfranc Injury: Is It Too Late to Fix, or Must It Be Fused?
David A. Porter, MD, PhD

7:21 am  Deltoid and Spring Ligament Injury: Should I Have Done Something Early?
W. Hodges Davis, MD

7:29 am  Chronic Syndesmosis Injury: Approach to Surgical Treatment
Norman E. Waldrop III, MD

7:37 am  Discussion

8:00 – 8:45 am
PAPER SESSION 1: What’s New in South America?
Moderators: Caio A. Nery, MD, and Daniel K. Moon, MD

8:00 am  Peroneal Tendon Tears: 50% Rule, a Myth? Biomechanical Cadaveric Evaluation
Emilio Wagner, MD; Pablo Wagner, MD; Diego Zanollì de Solminihac, MD; Cristian Ortiz, MD; Andres Keller Díaz, MD; Ruben Radkiewich, MD; Felipe Palma, PT; Rodrigo Guzman-Venegas, MSc

8:05 am  Does Foot Position and Local of Measurement Influence on Ankle Medial Clear Space?
Tiago Soares Baumfeld, MD; Daniel Baumfeld, MD; João Cangussú, MD; Benjamim Macedo, MD; Thiago Silva; Fernando Raduan, MD; Caio Nery, MD

8:10 am  Early Weight Bearing on Weber C Fractures with Retained Syndesmotic Screws
Cristian A. Ortiz, MD; Andres Keller Díaz, MD; Pablo Mococain, MD; Pablo Wagner, MD; Ruben Radkiewich, MD; Emilio Wagner, MD

8:15 am  Chronic Deltoid Ligament Insufficiency Repair with InternalBrace™ Augmentation
Manuel J. Pellegrini, MD; Giovanni Carcuro, MD; Natalio Cuchacovic, MD; Marcelo Somarriva, MD; Mario Escudero Heldt, MD; Nicolas Torres, MD; Eddie Birman, MD; Gerardo Muñoz, MD
8:20 am  Proximal Rotational Metatarsal Osteotomy for Hallux Valgus: Technique Description and Prospective Case Series
  *Pablo Wagner, MD; Emilio Wagner, MD; Diego Zanolli de Solminihac, MD; Cristian Ortiz, MD; Andres Keller Díaz, MD; Ruben Radkievich, MD*

8:25 am  Polymorphisms of Alpha and Beta Estrogen Receptors in Post-menopausal Women with Posterior Tibial Tendon Dysfunction
  *Pedro Augusto Pontin, MD; Cesar de Cesar Netto, MD, PhD; Alexandre Godoy Dos Santos, MD; Katia Carvalho, PhD; Tulio Diniz Fernandes, PhD; Fabio Fonseca, MD; Edmund Chada Baracat, PhD*

8:30 am  Discussion

8:45 – 9:45 am
**SYMPOSIUM 2: Forefoot Frustration – Don’t Pull Your Hair Out, It’s Hard for Everyone…**
*Moderator: Mark E. Easley, MD*

8:45 am  Recurrent Hallux Valgus: What Went Wrong and How Do I Fix It?
  *Rebecca A. Cerrato, MD*

8:53 am  Hallux Varus: Alternatives to Fusion of the MTP Joint
  *James J. Sferra, MD*

9:01 am  Metatarsus Adductus: When You Really Hope Wide Shoes Will Do the Trick
  *James R. Holmes, MD*

9:09 am  The Crossover 2nd Toe: Algorithm for Success – Implants? Plantar Plate Repair?
  *Emilio Wagner, MD*

9:17 am  Discussion/Case Presentations

9:45 – 10:30 am
**PRESIDENTIAL GUEST SPEAKER: JIM WHITTAKER**
*A Life on the Edge*

10:30 – 11:15 am
Break

11:15 am – noon
**CONCURRENT PAPER SESSIONS**

**PAPER SESSION 2: Total Ankle Replacement**
*Moderators: Richard M. Marks, MD, and Kathryn L. Williams, MD*
*Ballroom 6A*

11:15 am  The Value of Motion: Patient Reported Outcome Measures Are Correlated with Range of Motion in Total Ankle Replacement
  *Kamran Hamid, MD, MPH; Travis Dekker, MD; Mark Easley, MD; James Nunley, MD; Samuel Adams, MD*
11:20 am **2017 IFFAS AWARD FOR EXCELLENCE FINALIST**
Two-year PROMs in Total Ankle Replacement for Osteoarthritis Following Pilon Fracture: Are They Comparable to Those for Other Indications for Total Ankle Replacement?

*Adam Bennett, BSc (Hons), MBBS, MRCS; Malik Siddique, DO; Jayasree Ramas Ramaskandhan, MD*

11:25 am The Fate of Bone Graft for Periprosthetic Osteolysis in Total Ankle Arthroplasty

*Yoo Jung Park, MD; Dong-woo Shim, MD; Yeokgu Hwang, MD; Jin Woo Lee, MD, PhD*

11:30 am Supramalleolar Osteotomy for Tibial Component Malposition in Total Ankle Replacement

*Manja Deforth, MSC; Nicola Krähenbühl, MD; Lukas Zwicky; Markus Knupp, MD; Beat Hintermann, MD*

11:35 am Outpatient Total Ankle Arthroplasty Is a Safe Alternative to Traditional Inpatient Admission or Overnight Observation

*Ryan P. Mulligan, MD; Selene Parekh, MD, MBA*

11:40 am **2017 IFFAS AWARD FOR EXCELLENCE FINALIST**
Mid- to Long-term Results of Total Ankle Replacement in Patients with Hemophilic Arthropathy: A 10-year Follow-up

*Franziska Eckers, MD; Stephan Wirth, MD; Reto Sutter, MD; Andreas Hingsammer, MMed(Orth); Brigitte Brand-Staufer, MD*

11:45 am Discussion

**PAPER SESSION 3: Sports**

*Moderators: G. Andrew Murphy, MD, and J. Benjamin Jackson, MD*

*Ballroom 6B*

11:15 am Comparison of Contact and Damage to Anatomic Structures in the Fixation of Zone II Fifth Metatarsal Fractures with an Intramedullary Screw or an Intramedullary Nail

*David N. Garras, MD; Samuel B. Adams Jr., MD; Brian Burgess, DPM*

11:20 am Effects of Micronized Cartilage Matrix on Cartilage Repair in Osteochondral Lesions of the Talus

*Christopher D. Kreulen, MD; Eric Giza, MD; Alvin Shieh, MD; Sohni Singh, BS; Connor Nathe, BS; Evan Lian, BA; Dominik Haudenschild, PhD*

11:25 am Subchondral Bone Degradation Following Bone Marrow Stimulation: An MRI Analysis

*Yoshiharu Shimozono, MD; Youichi Yasui, MD; Robin Megill, MPH; John Kennedy, MD, FRCS(Orth)*

11:30 am Outcomes of Lisfranc Injuries in an Active Duty Military Population

*Michael Hawkinson, MD; Patrick Osborn, MD*

11:35 am Outcomes of Flexor Digitorum Longus (FDL) Tendon Transfer for the Treatment of Chronic Achilles Tendinopathy

*Cesar de Cesar Netto, MD, PhD; Apisan Chinanuvathana, MD; Lucas Furtado Da Fonseca, MD; Andres O’Dalay Baquero, MD; Eric Tan, MD; Lara Atwater, MD; Lew Schon, MD*

11:40 am Primary Versus Secondary Osteochondral Autograft Transplantation in Patients with Large Sized OLT

*Yeokgu Hwang, MD; Kwang Hwan Park; Yoo Jung Park, MD; Dong-woo Shim, MD; Jin Woo Lee, MD, PhD*
11:45 am  Discussion

PAPER SESSION 4: Pes Planovalgus
Moderators: Clifford L. Jeng, MD, and Pamela C. Luk, MD
Ballroom 6C

11:15 am  Modified Evans Osteotomy: A Cadaveric Study of Structures at Risk
Mohamed Mokhtar Abd-Ella, MD

11:20 am  Clinical Utilization of Patient Reported Outcome (PROMIS) Scores for Surgical Reconstruction of Posterior Tibialis Tendon Dysfunction
Michael R. Anderson, DO; Jeff Houck, PT, PhD; Adolph Flemister, MD; Judith Baumhauer, MD, MPH, MS; John Ketz, MD; Benedict DiGiovanni, MD; David Ciufo, MD; Irvin Oh, MD

11:25 am  Mid-term Outcomes and Complications Following the Use of an Arthroereisis Implant to Aid in Stage II Flatfoot Correction in Adults: A Case-control Study
Michael C. Aynardi, MD; Kempland Walley, BSc; Jesse Hallam, PA; Gearin Green, MD; Paul Juliano, MD

11:30 am  Posterior Tibial Tendon Dysfunction: Confirmation When No MRI-detectable Intra-substance Tendon Pathology Is Present
Jason T. Bariteau, MD; Douglas Robertson, MD, PhD; William Carpenter, MD

11:35 am  Reliability of Hindfoot Alignment Using Weightbearing CT Semi Automatic Software: An Analysis of 135 Feet
Francois Lintz, MD; Matthew Welck, MD, FRCS(Orth); Alessio Bernasconi, MD; James Thornton, BSc; Nicholas Cullen, FRCS(Orth); Dishan Singh, MBChB, FRCS(Orth); Andrew Goldberg, MD, MBBS, FRCS(Tr&Orth)

11:40 am  Medial Displacement Osteotomy Performed Concurrently with Triple Arthrodesis Improves Pain and Mobility in Patients with Rigid Flatfoot Deformity and Hindfoot Valgus
Mitchell Fourman, MD, MPhil; Patrick Ward, MD; Dane Wukich, MD

11:45 am  Discussion

Noon – 12:45 pm
CONCURRENT PAPER SESSIONS

PAPER SESSION 5: Diabetes
Moderators: Daniel C. Farber, MD, and Kevin D. Martin, DO
Ballroom 6A

Noon  Application of Amniotic Membrane Improves Repair in a Diabetic Animal Model for Delayed Tendon Healing
Norman E. Waldrop III, MD; Bonnie Mowry, PhD; Mitchell Sanders, PhD; John McQuilling, PhD

12:05 pm  Clinical Application of Immunoassay for Identification of Staphylococcus aureus and Monitoring Treatment Response in Diabetic Foot Infection
Irvin Oh, MD; Benjamin Smith, BS; Alex Grier, MSc; Steven Gill, PhD; John Daiss, PhD
12:10 pm **2017 J. LEONARD GOLDNER AWARD FINALIST**
Effect of Topical Opioid Antagonist on Diabetic Wound Healing in Rat Model
*Jarrett D. Cain, MSc, DPM; Michelle Titunick, BA*

12:15 pm Primary Results of Bone Biopsies in Outpatients with Neuropathic Ulcers: Comparison with Wound Swabs and Superficial Tissue Samples
*Alexandros Vris, MD; Edward Massa, MD; Raju Ahluwalia, MBBS, BSc, FRCS(Tr&Orth); Venu Kavarthapu, FRCS(Tr&Orth)*

12:20 pm Deformity and Clinical Outcomes Following Surgical Correction of Charcot Foot
*Michael S. Pinzur, MD; Adam Schiff, MD*

12:25 pm Microbiome Analysis for Assessments of Treatment Response and Salvage Prognosis in Infected Diabetic Foot Ulcers
*Ashlee MacDonald, MD; Irvin Oh, MD; Alex Grier, MSc; Benjamin Smith, BS; John Daiss, PhD; Steven Gill, PhD*

12:30 pm Discussion

PAPER SESSION 6: Basic Science
*Moderators: Steven B. Weinfeld, MD, and Amiethab A. Aiyer, MD*
*Ballroom 6B*

Noon **2017 J. LEONARD GOLDNER AWARD FINALIST**
Histological Analysis of Early Osteolysis in Total Ankle Arthroplasty
*Oliver N. Schipper, MD; Steven Haddad, MD*

12:05 pm Effects of Cryopreserved Amniotic Membrane Allograft on Total Ankle Arthroplasty Wound Healing
*Thomas Bemenderfer, MD, MBA; Robert Anderson, MD; Susan Odum, PhD; W. Hodges Davis, MD*

12:10 pm **2017 J. LEONARD GOLDNER AWARD FINALIST**
Synovial Fluid Composition of Inflammatory Cytokines, Matrix Metalloproteinases, and Cartilage Breakdown Products Are Dependent on Time After Intra-articular Ankle Fracture
*Samuel B. Adams Jr., MD; Rachel Reilly, MD; Janet Huebner, MSc; Virginia Kraus, MD, PhD; Dana Nettles, PhD*

12:15 pm Proximity of the Lateral Calcaneal Artery With a Modified Extensile Lateral Approach Compared to Standard Extensile Approach
*John Y. Kwon, MD; Mohammad Ghorbanhoseini, MD; Tyler Gonzalez, MD, MBA; Matthew Riedel, MD; Ara Nazarian, PhD*

12:20 pm Effect of Hypoalbuminemia on Perioperative Complications and Hospital Outcomes in Ankle Fracture Fixation
*Collin C. Barber, MD; Andrew Chung, DO; Clifford Jones, MD; George Russell, MD; Sean Karr, MD*

12:25 pm Generalizability and Validation of PROMIS Scores to Predict Surgical Success in Foot and Ankle Patients: A Tale of Two Academic Centers
*Judith F. Baumhauer, MD, MPH, MS; Michael Anderson, DO; Charles Saltzman, MD; Man Hung, PhD; Florian Nickisch, MD; Alexej Barg, MD; Timothy Beals, MD; Jeff Houck, PT, PhD*

12:30 pm Discussion
**PAPER SESSION 7: Imaging**  
*Moderators: Stephen J. Finney, MD, and M. Truitt Cooper, MD*  
*Ballroom 6C*

**Noon**  
**HV Patients Show Greater Pronation of the First Metatarsal Than Normals**  
*Bradley C. Campbell, MS; Stephen Conti, MD*

**12:05 pm**  
**Natural Progression of Radiographic Indices in Juvenile Hallux Valgus Deformity**  
*Sangho Chun, MD; Soon-Sun Kwon, PhD; Kyoung-min Lee, MD, PhD; Moon Seok Park, MD; Ki Hyuk Sung, MD; Seungbum Koo, PhD; Sung Jin Kim, MD; Shin Sangyeop, MD; Hyun Choi, MD; Seung Yeol Lee, MD*

**12:10 pm**  
**The Radiologic Change of Distal Tibiofibular Joint Following the Removal of the Transfixing Screw After Syndesmotic Injury**  
*Bí O Jeong, MD, PhD; Jong Hun Baek, MD; Wookjae Song, MD*

**12:15 pm**  
**3D CT Analysis of Distal Tibiofibular Syndesmosis Symmetry**  
*Daniel M. Hoopes, MD, MS; Bruce Sangeorzan, MD; William Ledoux, PhD; Connor Pihl, BS; Kylie Edinger, BSc(Med); Matthew Kindig, MSc*

**12:20 pm**  
**Is Magnetic Resonance Imaging (MRI) Reliable in the Diagnosis of Osteochondral Lesions (OCLs)?**  
*Triin Nurm, MD; Paulo Torres, FRCS(Ed); Jayasree Ramas Ramaskandhan, MD*

**12:25 pm**  
**MR Imaging of Ankle Arthroplasty Implants: Findings of Normal and Symptomatic Patients**  
*Cesar de Cesar Netto, MD, PhD; Lew Schon, MD; Lucas Furtado Da Fonseca, MD; Camilla Maccario, MD; Apisan Chinanuvathana, MD; Jan Fritz, MD*

**12:30 pm**  
**Discussion**

**12:45 – 2:15 pm**  
**Industry Satellite Symposia**

**2:15 – 3:00 pm**  
**SYMPOSIUM 3: Pediatric Problems in Adults – What Do We Do Now?**  
*Moderator: James W. Brodsky, MD*

**2:15 pm**  
**Tarsal Coalition: Can I Just Resect It? What About Deformity?**  
*John T. Campbell, MD*

**2:23 pm**  
**The Overcorrected Clubfoot in the Adult: Not Your Average Flatfoot**  
*Beat Hintermann, MD*

**2:31 pm**  
**Approach to Treating Mueller-Weiss Syndrome: Kohler’s Gone Bad**  
*Bruce J. Sangeorzan, MD*

**2:39 pm**  
**Discussion/Case Presentations**

**3:00 – 3:20 pm**  
**PED TALK 1: Flatfoot Deformity**  
*Timothy R. Daniels, MD, FRCSC*
3:30 – 4:45 pm
Posters with the Presidents
Exhibit Hall

4:45 – 5:45 pm
Humanitarian Services Symposium
Ballroom 6C

5:30 – 8:00 pm
Young Orthopaedic Surgeons Forum and Reception
Ballrooms 6A, 6B, 6C
FRIDAY, JULY 14, 2017

6:30 – 8:00 am
Industry Satellite Symposia

7:00 – 8:00 am
Light Continental Breakfast

8:00 – 8:45 am
SYMPOSIUM 4: Advanced Arthroscopy – Where There Is Scope, There Is Hope!
Moderator: Alastair S.E. Younger, MBChB, ChM, FRCSC

8:00 am Arthroscopy of the Big Toe: Are You Serious!?!
Kenneth J. Hunt, MD

8:08 am Posterior Ankle and Subtalar Arthroscopy: Indications for a Cool Operation
Masato Takao, MD

8:16 am Ankle Arthroscopy for Osteochondral Lesions of the Talus: When It’s More Than Just Microfracture
Eric Giza, MD

8:24 am Discussion/Case Presentations

8:45 – 9:15 am
RESEARCH GUEST SPEAKER: Irene Davis, PhD, PT, FAPTA, FACSM, FASB
From Orthotics to Minimal Footwear: An Evolution of Thought

9:15 – 10:00 am
Break in Exhibit Hall

10:00 – 10:45 am
PAPER SESSION 8: What’s New in North America?
Moderators: Andrea N. Veljkovic, MD, FRCS(C), and J. Kent Ellington, MD, MS

10:00 am 2017 ROGER A. MANN AWARD FINALIST
Rates of Acute and Delayed Achilles Repair: Changes in Practice Secondary to an RCT Study
Alastair S.E. Younger, MBChB, ChM, FRCSC; Sam Si-Hyeong Park, MD; Andrea Veljkovic, MD, FRCS(C); Murray Penner, MD, FRCS(C); Kevin Wing, MD, FRCS(C)

10:05 am Cavovarus Reconstruction Using a Lateralizing Calcaneal Osteotomy Via Medial Approach
David E. Jaffe, MD; Justin Kane, MD; Christian Royer, MD; David Vier, MD

10:10 am 2017 ROGER A. MANN AWARD FINALIST
Do Patient Risk Factors Impact 90-day Readmission After Total Ankle Arthroplasty?
Samuel B. Adams Jr., MD; Daniel Cunningham, BS; Vasili Karas, MD; Mark Easley, MD; James DeOrio, MD; James Nunley, MD;
10:15 am  Revision of Implant to Great Toe Fusion: Did We “Burn a Bridge” with a Synthetic Implant Hemiarthroplasty?
*Mark A. Glazebrook, MD, MSc, PhD; Judith Baumhauer, MD, MPH, MS; Mark Bowen Davies, MD, FRACS(Orth)*

10:20 am  Immediate Unrestricted Weight Bearing with Simple Stirrup Brace Following Single Anchor Lateral Ankle Ligament Stabilization
*Christopher M. Diefenbach, MD; Linda Dunaway, MSN, NP; Larissa White, MPH; Gregory Lundeen, MD, MPH*

10:25 am  Comparative Outcomes for Treatment of Articular Cartilage Lesions in the Ankle with Particulated Juvenile Cartilage Allograft: Open Versus Arthroscopic Treatment
*James B. Deal Jr., MD; Robert Turner, MD; Paul Ryan, MD; Claude Anderson, MD; Adam Groth, MD*

10:30 am  Discussion

10:45 – 11:45 am
SYMPOSIUM 5: “Speaking from Experience” — Case Conference with Sigvard Hansen and Donald Baxter, Two Pioneers of Modern Foot and Ankle Surgery
*Moderator: Charles L. Saltzman, MD*

10:45 am  Introduction of Dr. Hansen
*Bruce J. Sangeorzan, MD*

10:45 am  Introduction of Dr. Baxter
*Lew C. Schon, MD*

10:55 am  Case Discussion
*Sigvard T. Hansen Jr., MD; Donald E. Baxter, MD*

11:30 am  Q&A Session

11:45 am – 12:40 pm
Presidential Remarks and Presentation of Awards

11:45 am  Outgoing Presidential Remarks
*Jeffrey E. Johnson, MD, AOFAS President*

Noon  Introduction of Incoming President
*J. Chris Coetzee, MD, AOFAS Vice President*

12:05 pm  Incoming Presidential Remarks
*Thomas H. Lee, MD, AOFAS President-Elect*

12:20 pm  Presentation of 2017 Roger A. Mann Award, 2017 J. Leonard Goldner Award, and 2017 IFFAS Award for Excellence

12:25 pm  Foundation Update
*Bryan D. Den Hartog, MD, Foundation President
Pierce E. Scranton Jr., MD*
12:35 pm  Recognition of 2017 Traveling Fellows and Resident Scholars

12:40 – 12:55 pm  
AOFAS Business Meeting
(Voting limited to AOFAS Active Members)

12:40 – 1:30 pm  
Lunch in the Exhibit Hall

1:30 – 2:15 pm  
SYMPOSIUM 6: Minimally Invasive Surgery – Is It Better or Just a Neat Trick?
Kenneth A. Johnson Symposium on Controversies in Foot and Ankle Surgery
Moderators: Gregory P. Guyton, MD, and Scott J. Ellis, MD

1:30 pm  Evolution of Endoscopic Achilles Tendon Surgery
_Hajo Thermann, MD, PhD_
Kenneth A. Johnson International Speaker

1:38 pm  Percutaneous Bunion Correction
_Anthony M. Perera, MBChB, FRCS(Orth)_

1:46 pm  Percutaneous Calcaneal Osteotomy
_David J. Redfern, MBBS, FRCS(Tr&Orth)_

1:54 pm  Discussion/Case Presentations

2:15 – 2:55 pm  
PAPER SESSION 9: What’s New in Asia?
Moderators: Jin Woo Lee, MD, PhD, and William M. Granberry, MD

2:15 pm  CT Arthrography Visualizes Joint Regeneration After Microfracture of OLT
_Dong-Oh Lee, MD; Hong-Geun Jung, MD, PhD; Mao Yuan Sun, MMed(Orth); Hwa Jun Kang, MD_

2:20 pm  Changes in the Ankle Joint and Hindfoot Alignment Following Varus Deformity Correction of the Knee with Total Knee Arthroplasty
_Bi O Jeong, MD, PhD; Jong Hun Baek, MD; Wookjae Song, MD_

2:25 pm  Abnormal Gutter Geometry as a Risk Factor of Chronic Ankle Instability
_Yuki Tochigi, MD, PhD; Masato Ogawa, MD; Masataka Kakihana, MD; Satoru Ozeki, MD, PhD_

2:30 pm  Is Revision Anatomic Ankle Ligament Repair Augmented with Suture-Tape a Valuable Alternative for Patients with Failed Broström Procedure?
_Seung-Myung Choi, MD_

2:35 pm  Second-look Arthroscopic Evaluation and Clinical Outcome After the Supramalleolar Osteotomy for the Medial Compartment Ankle Osteoarthritis
_Hong-Geun Jung, MD, PhD; Joon-Sang Eom, MD; Dong-Oh Lee, MD; Mao Yuan Sun, MMed(Orth); Hwa Jun Kang, MD_

2:40 pm  Peri-talar Osteotomy as Part of Treatment of Talar Osteochondral Defect of Varus Ankle
_Bibo Wang, MD, PhD_
2:45 pm  Discussion

3:00 – 5:00 pm
CONCURRENT SESSIONS

Ask an Expert
Ballroom 6A
- 3:00 pm: Christopher W. DiGiovanni, MD; Mark A. Glazebrook, MD, MSc, PhD; Brian C. Toolan, MD
- 4:00 pm: Donald R. Bohay, MD, FACS; J. Chris Coetzee, MD; A. Holly Johnson, MD

CPT Coding Session
Ballroom 6C
Peter G. Mangone, MD; David I. Pedowitz, MD

Orthopaedic Resident Session
Ballroom 6B

Research Forum
Biomechanics Research: Improving Foot Care Through Understanding
Hall 4C

3:00 pm  Welcome and Overview
L. Daniel Latt, MD, PhD, AOFAS Research Committee Chair

3:05 pm  Foot Biomechanics: Complex, Beautiful, and Mysterious
Irene Davis, PhD, PT, FAPTA, FACSM, FASB

3:45 pm  Cadaver Biomechanics Research Including Cadaveric Gait Simulation
Bruce J. Sangeorzan, MD

4:00 pm  Human Movement Biomechanics as a Functional Outcome Measure for Foot and Ankle Surgery
James W. Brodsky, MD

4:15 pm  Joint Kinematics Using 3D CT
Lew C. Schon, MD

4:30 pm  Discussion

6:00 – 11:00 pm
Bay Cruise and Island Dinner Excursion
SATURDAY, JULY 15, 2017

6:00 – 7:00 am
Continental Breakfast

7:00 – 8:00 am
SYMPOSIUM 7: Total Ankle Replacement – I Think We Agree It’s Here to Stay...
Moderator: Gregory C. Berlet, MD

7:00 am Perioperative Risk Factors: Is There Anyone Who Shouldn’t Get a Total Ankle?
Samuel B. Adams Jr., MD

7:08 am Intraoperative Decision Making: Balancing Ligament Stability and Range of Motion
Jeffrey A. Mann, MD

7:16 am Deformity Correction: Go Big or Go Home (Even If It Takes 2 Stages)
Steven L. Haddad, MD

7:24 am Revision Ankle Replacement Surgery: You Mean I Don’t Have to Convert It to Fusion?
Murray J. Penner, MD, FRCS(C)

7:32 am Discussion/Case Presentations

8:00 – 8:20 am
PED TALK 2: How Not to Flunk Retirement
Pierce E. Scranton Jr., MD

8:20 – 9:05 am
PAPER SESSION 10: What’s New in the United States?
Moderators: Harold B. Kitaoka, MD, and Eric W. Tan, MD

8:20 am 2017 ROGER A. MANN AWARD FINALIST
Correlation of Hallux Rigidus Coughlin Grade with First MTP Motion, Intraoperative Cartilage Loss and Treatment Success for 1st MTP Arthrodesis and Hemiarthroplasty
Judith F. Baumhauer, MD, MPH, MS; Chris Blundell, MD, FRCS; Andrew Goldberg, MD, MBBS, FRCS(Tr&Orth); Mark Glazebrook, MD, MSc, PhD; Gwyneth de Vries, MD, FRCS; M. Elizabeth Pedersen, MD, FRCS(C); Alastair Younger, MBChB, ChM, FRCSC; Dishan Singh, MBChB, FRCS(Orth); Mark Bowen Davies, MD, FRACS(Orth); Timothy Daniels, MD, FRCS

8:25 am Optimal Time to Return to Play and Performance After Jones Fracture Surgery in the National Football League
Selene G. Parekh, MD, MBA; Jay Shah, MBA

8:30 am Lower Complication Rate Following Ankle Fracture Fixation by Orthopaedic Surgeons Versus Podiatrists
Jeremy Y. Chan, MD; Jeremy Truntzer, MD; Michael Gardner, MD; Julius Bishop, MD

8:35 am The Use of Patient-specific 3D Printed Titanium Implants for Complex Foot and Ankle Limb Salvage, Deformity Correction, and Arthrodesis Procedures
Samuel B. Adams Jr., MD; Travis Dekker, MD; John Steele, MD; Kamran Hamid, MD, MPH
8:40 am  Patient-reported Outcomes Demonstrate the Value of Non-operative and Operative Orthopedic Treatments and Predict the Odds of Improvement with Surgery
Andrew Haskell, MD; Todd S. Kim, MD

8:45 am  Early Versus Delayed Weightbearing After Microfracture for Osteochondral Lesions of the Talus: A Prospective Randomized Trial
James B. Deal Jr., MD; Adam Groth, MD; Paul Ryan, MD

8:50 am  Discussion

9:05 – 9:50 am  PAPER SESSION 11: What's New in Europe?
Moderators: Hajo Thermann, MD, PhD, and William S. Crawford, MD

9:05 am  Matrix-associated Stem Cell Transplantation (MAST) in Chondral Defects of the Ankle Is Safe and Effective: 5-year Follow-up
Martinus Richter, MD, PhD; Stefan Meissner; Stefan Zech, MD

9:10 am  The Influence of Patient Factors on the Outcome of Synthetic Cartilage Implant Hemiarthroplasty Versus First Metatarsophalangeal Joint Arthrodesis
Andrew J. Goldberg, MD, MBBS, FRCS(Tr&Orth); Mark Glazebrook, MD, MSc, PhD; Timothy Daniels, MD, FRCS; Gwyneth de Vries, MD, FRCS; M. Elizabeth Pedersen, MD, FRCS(C); Alastair Younger, MBChB, ChM, FRCS; Dishan Singh, MBChB, FRCS(Orth); Chris Blundell, MD, FRCS; Anthony Sakellariou, BSc, MBBS, FRCS(Orth); Judith Baumhauer, MD, MPH, MS

9:15 am  Weightbearing CT Analysis of Hindfoot Alignment in Chronic Lateral Ankle Instability: A Multivariate Analysis of 124 Feet
Francois Lintz, MD; Alessio Bernasconi, MD; Nazim Mehdi, MD; Cesar de Cesar Netto, MD, PhD; Louise Baschet, MSc; Martinus Richter, MD, PhD

9:20 am  The Deltoid Ligament: The Gatekeeper to Midfoot Collapse in Adult Acquired Flatfoot Disorder
Neal Ormsby, MBChB (Hons), MRCS; Simon Platt, MBChB, FRCS; Gillian Jackson, MBChB; Paul Evans, MBChB, FRCR

9:25 am  Ligament Balancing During TAR in Varus Deformity by Open Wedge Osteotomy of the Medial Malleolus: Results in 50 Ankles
Joe Wagener, MD; Christine Schweizer, MSc; Lukas Zwicky; Beat Hintermann, MD

9:30 am  Investigating How the Degree of Radiological Correction Corresponds to Patient-reported Outcomes in Scarf Osteotomy
Karam Ahmad, MBChB (UK); Anand Pillai, MS(Orth), MBBS, FRCS(Tr&Orth)

9:35 am  Discussion

9:50 – 10:20 am  Break

10:20 – 11:20 am  SYMPOSIUM 8: Charcot Reconstruction – Tough Patients, Tough Cases
Moderator: Lew C. Schon, MD
10:20 am  Perioperative Risk Assessment in Diabetic Patients: What’s the Latest?
Andrew E. Dodd, MD, FRCSC

Dane K. Wukich, MD

10:36 am  The Charcot Midfoot: Do I Have to Operate? If So, How?
V. James Sammarco, MD

10:44 am  The Charcot Ankle: Salvage Options to Avoid a BKA
Jesse F. Doty, MD

10:52 am  Discussion/Case Presentations

11:20 am – 12:20 pm
SYMPOSIUM 9: The Cavus Foot – Big Arch, Big Problem!
Moderator: Donald R. Bohay, MD, FACS

11:20 am  Calcaneal Osteotomy: So Many Options, Which Do I Choose?
Glenn B. Pfeffer, MD

11:28 am  No Strings Attached: Tendon Transfers in the Cavus Foot
Cristian A. Ortiz, MD

11:36 am  When Osteotomies Aren’t Enough: Fusion Strategies for the Cavus Foot
Timothy C. Beals, MD

11:44 am  When to Go Higher: Assessment and Treatment with Supramalleolar Osteotomies in Varus Hindfoot Deformity
Todd A. Irwin, MD

11:52 am  Discussion/Case Presentations

12:20 pm  Adjourn