THURSDAY JULY 14, 2011

6:15 – 6:55 am  Continental Breakfast in Exhibit Hall

6:55 am  Welcome and Announcements
        Thomas H. Lee, MD, Program Chair
        Westerville, Ohio

7:00 – 7:50 am  PART 1, SYMPOSIUM ON PERI-TALAR INSTABILITY
        What if my fracture treatment leads to an unbalanced hindfoot?
        Moderator:  Timothy R. Daniels, MD
        Toronto, Ontario, Canada

7:00 am  Deltoid Ligament Injuries in Ankle Fractures: Leave it or fix it?
        Eric M. Bluman, MD, PhD
        Boston, Massachusetts

7:10 am  Patients with a Crooked Radiograph after Ankle Fracture: What to do?
        David B. Thordarson, MD
        Los Angeles, California

7:20 am  Secondary Correction of Talar Fractures: Asking for trouble?
        Stefan Rammelt, MD, PhD
        Dresden, Germany

7:30 am  Development of Post-traumatic Osteoarthritis of the Ankle Joint: Role of the fibula
        Sjoerd A. S. Stufkens, MD
        Liestal, Switzerland

7:40 am  Discussion

7:50 – 8:15 am  GUEST RESEARCH LECTURER
        Introduction by Timothy R. Daniels, MD, Chair, Research Committee:
        DESIGNING FUNDABLE TRIALS IN FOOT AND ANKLE SURGERY – CAN THEY BE DONE?
        Mohit Bhandari, MD, PhD, FRCSC
        Chair, Division of Orthopaedic Surgery
        Canada Research Chair in Outcomes Research
        Director, Musculoskeletal Trials Unit
        McMaster University
        Hamilton, Ontario, Canada
8:15-8:45 am  

**Speed Paper Session 1:** OCD  
**Moderator:** Craig S. Radnay, MD  
*New York, New York*

8:15 am  
The Effects of Osteochondral Autologous Transplant System (OATS) on Ankle Joint Contact Mechanics  
**Presenting Author:** Ashraf Fansa, MD  
*New York, New York*  
**Additional Authors:** Christopher D. Murawski, MD; Carl W. Imhauser, PhD; John Nguyen, MPH; John G. Kennedy, MD

8:17 am  
Distal Tibia Plafondplasty for Talar Dome Osteochondral Lesion Exposure  
**Presenting Author:** Paul Peters, MS, MD  
*Baltimore, Maryland*  
**Additional Authors:** Brent G. Parks, MSc; Lew C. Schon, MD

8:19 am  
A New Technique: Arthroscopic Filling of Talar Osteochondral Defects with Stem Cell-Rich Collagen Paste  
**Presenting Author:** Stuart D. Miller, MD  
*Baltimore, Maryland*  
**Additional Author:** Lew C. Schon, MD

8:21 am  
Autologous Matrix-induced Chondrogenesis (AMIC) Aided Reconstruction of Osteochondral Lesions of the Talus  
**Presenting Author:** Martin Wiewiorski, MD  
*Basel, Switzerland*  
**Additional Authors:** Matthias Miska, MD; Andre Leumann, MD; Victor Valderrabano, MD, PhD

8:23 am  
Retrospective Review of the Treatment of Talar Chondral Lesions with Particulated Juvenile Cartilage Allograft  
**Presenting Author:** David Oji, MD  
*Baltimore, Maryland*  
**Additional Authors:** John Carrino, MD; Stuart D. Miller, MD; Gregory P. Guyton, MD; Gary Aghazarian, BS; Lew C. Schon, MD

8:25 am  
Surgical Guide to Fixing OCD lesions: A Cadaveric Study  
**Presenting Author:** Justin M. Weatherall, MD  
*New York, New York*  
**Additional Author:** Steven C. Sheskier, MD

8:27 am  
Deltoid Release and Talar Dome Exposure  
**Presenting Author:** Federico Usuelli, MD  
*Milan, Italy*  
**Additional Authors:** Harvey Montijo, MD; Umberto Montrasio Alfieri; Matthew J. DeOrio, MD; James K. DeOrio, MD
8:29 am  Osteochondral Lesion of the Talus: Osteochondral versus Chondral Type  
Presenting Author:  
Hyunkook Youn, MD  
Seoul, South Korea  
Additional Authors:  
Jongseok Lee, MD; Woo Jin Choi, MD; Bom Soo Kim, MD; Gi Won Choi, MD; Ji Youn Kim, MD; Jin Woo Lee, MD

8:31 am  Histologic Analysis of Failed Osteochondral Allografts of the Talus  
Presenting Author:  
Paul T. Fortin, MD  
Royal Oak, Michigan  
Additional Authors:  
Zachary C. Leonard, MD; Kevin C. Baker, MS; Erin Baker; Carly Gratopp, BS

8:33 am  Functional and T2-Mapping MRI Results of Autologous Osteochondral Transplantation of the Talus in 72 Patients  
Presenting Author:  
Christopher D. Murawski, MD  
New York, New York  
Additional Author:  
John G. Kennedy, MD

8:35 – 8:45 am  Discussion

8:45 – 9:15 am  Speed Paper Session 2  
Achilles  
Moderator:  
Christopher A. Ritter, MD  
Buffalo, New York

8:45 am  Non-Operative Management of Retrocalcaneal Pain with AFO and Stretching Regimen  
Presenting Author:  
Michael D. Johnson, MD  
Chattanooga, Tennessee  
Additional Author:  
Richard G. Alvarez, MD

8:47 am  Biomechanical Comparison of 4 Achilles Tendon Repairs: In vitro Study in Bovine Achilles Tendons  
Presenting Author:  
Cristian Ortiz, MD  
Santiago, Chile  
Additional Authors:  
Pablo Mocoain, MD; Felipe Reinares; Gonzalo Labarca; Julian Alonso; Sergio Arellano; Emilio Wagner, MD; Andres Keller, MD

8:49 am  Separation of Bovine Achilles Tendon Ends Repaired With Krackow and Modified Mason-Allen Technique Under Cyclic Loading: A Biomechanical Study  
Presenting Author:  
Jong Taek Kim, MD  
Charleston, South Carolina  
Additional Authors:  
Monica Zilkoski, MD; Roy Rusly, BS; Kara Fruscello, BS; Thierry Bacro, PhD, PT; John DesJardins, PhD; William Barfield, PhD; William McKibbin, MD
8:51 am
Platelet-Rich Plasma Injection for the Treatment of Chronic Insertional Achilles Tendinopathy
Presenting Author:
Christopher D. Murawski, MD
New York, New York
Additional Author:
Hunter Newman; John G. Kennedy, MD

8:53 am
Platelet-Rich Plasma Injection for the Treatment of Chronic Mid-Substance Achilles Tendinopathy
Presenting Author:
Christopher D. Murawski, MD
New York, New York
Additional Authors:
Hunter Newman; John G. Kennedy, MD

8:55 am
Insertional Achilles Tendinitis and Haglund’s Deformity
Presenting Author:
David B. Thordarson, MD
Los Angeles, California
Additional Author:
Steve Kang, MD

8:57 am
Comparison of MRI and Physical Exam Accuracy in Diagnosing Acute Achilles Tendon Ruptures
Presenting:
David N. Garras, MD
Philadelphia, Pennsylvania
Additional Authors:
Suneel Bhat, MPhil; Patricia Hansen, MS; Steven M. Raikin, MD

8:59 am
Results of the Mini-open Achilles Tendon Repair Technique with Early Functional Rehabilitation
Presenting Author:
Wenjay Sung, DPM
Des Plaines, Illinois
Additional Authors:
Lowell Weil, Jr., DPM, MBA; Lowell S. Weil, Sr., DPM

9:01 am
Potential Cost Savings to Medicare Through the Use of Musculoskeletal Ultrasound for Lower Extremity Injuries
Presenting Author:
Mary Ann Badon, MD, MBA
New Haven, Connecticut
Additional Author:
John S. Reach, Jr., MD, MSc

9:03 am
Achilles Tendon Rupture in Women
Presenting Author:
James Turner Vosseller, MD
New York, New York
Additional Authors:
Scott J. Ellis, MD; Andrew J. Elliott, MD; Jonathan T. Deland, MD; David S. Levine, MD; Matthew M. Roberts, MD; John G. Kennedy, MD; Martin J. O’Malley, MD

9:05 – 9:15 am Discussion
9:15 – 10:00 am

PART 2, SYMPOSIUM ON PERI-TALAR INSTABILITY
Why do feet end up in a valgus mal-alignment?
Moderator: Charles L. Saltzman, MD
Salt Lake City, Utah

9:15 am

The Talar Orientation in Planovalgus Feet
Scott J. Ellis, MD
New York, New York

9:25 am

Role of the Deltoid Ligament in Valgus Mal-alignment
Steven L. Haddad, MD
Glenview, Illinois

9:35 am

Spring Ligament Complex in Flatfoot Deformity:
Curse or blessing?
Jonathan T. Deland, MD
New York, New York

9:45 am

Valgus Mal-alignment: What joints to address
Anish R. Kadakia, MD
Ann Arbor, Michigan

9:55 am

Discussion

10:00 – 10:25 am

KENNETH A. JOHNSON, MD MEMORIAL LECTURE
Introduction by Todd A. Kile, MD
ADVANCES IN FOOT AND ANKLE IMAGING / IMAGING GUIDED INTERVENTIONS
Mr. James Linklater, MB, BS (Hons) B Med Sci, FRANZCR
Radiology Consultant – Imaging Specialist
Sydney, Australia

10:25 – 10:50 am

Announcements / Break / Visit Exhibit Hall

10:50 – 11:30 am

Paper Session 3: Outcomes
Moderator: Thomas O. Clanton, MD
Vail, Colorado

10:50 am

Prospective Comparison of Functional Outcome after Ankle Arthrodesis and Ankle Arthroplasty
Presenting Author: Bruce J. Sangeorzan, MD
Seattle, Washington
Additional Authors: Marisa R. Benich, BS; Sigvard T. Hansen, MD;
Jane B. Shofer, BS; Ava D. Segal, MD; Eric Whittaker, MS;
William R. Ledoux, PhD

10:56 am

Reliability and Validity of Five Lower Extremity Outcome Measures for Ankle Arthroplasty and Arthrodesis
Presenting Author: Ellie Pinsker, BS&SC, PhD Candidate
Toronto, Ontario, Canada
Additional Authors: Timothy R. Daniels, MD; Taucha Inrig, BScN, RN, MDiv;
Kelly Warmington, BSc, BEd, OCT; Dorcas Beaton, BScOT, MSc, PhD
11:02 am Validation of the Foot and Ankle Outcome Score for Hallux Valgus
Presenting Author:
Scott J. Ellis, MD
New York, New York
Additional Authors:
Lan Chen, MD; Stephen Lyman, PhD; Huong Do, MS; Stephanie Adam, DO;
Elizabeth Young, BS; Jonathan T. Deland, MD

11:08 am Quality of Research and Level of Evidence in Foot and Ankle Publications
Presenting Author:
Heather Barske, MD
Rochester, New York
Additional Author:
Judith F. Baumhauer, MD, MS, MPH

11:14 am Functional Outcomes Following Total Ankle Arthroplasty: Evaluation of the EverestTM Foot and Ankle Registry
Presenting Author:
Safet O. Hatic, Il, DO
Westerville, Ohio
Additional Authors:
Thomas H. Lee, MD; Christopher F. Hyer, DPM; Gregory C. Berlet, MD

11:20 – 11:30 am Discussion

11:30 am – 1:30 pm Industry Satellite Symposia (non-CME)

1:30- 2:00 pm Speed Paper Session 4: Deformity
Moderator: John P. Ketz, MD
Rochester, New York

1:30 pm Comparison of Clinical Outcome between Excision and Osteosynthesis in Accessory Navicular
Presenting Author:
Gi Won Choi, MD
Seoul, Korea
Additional Authors:
Jongseok Lee, MD; Hyunkook Youn, MD; Woo Jin Choi, MD; Ji Youn Kim, MD;
Jin Woo Lee, MD

1:32 pm Subtalar and Naviculocuneiform Fusion for Extended Breakdown of the Medial Arch
Presenting Author:
Beat Hintermann, MD
Liestal, Switzerland
Additional Authors:
Samuel Brunner, MD; Alexej Barg, MD; Lukas Zwicky, MSc; Markus Knupp, MD

1:34 pm Cavovarus Foot Realignment to Treat Anteromedial Ankle Arthrosis
Presenting Author:
Fabian Krause, MD
Berne, Switzerland
Additional Authors:
Gilles Pfander, MD; Julia Henning; Martin Weber, MD
1:36 pm  Varus External Rotation Stress Test for Detection of Deep Deltoid Ligament Disruption Using Radiographs
Presenting Author:
John E. Femino, MD
Iowa City, Iowa
Additional Authors:
Tanawat Vaseenon, MD; Phinit Phisitkul, MD; Yuki Tochigi, MD, PhD;
Donald D. Anderson PhD; Ned Amendola, MD

1:38 pm  The Intraosseous and Extraosseous Arterial Anatomy of the Adult Navicular
Presenting Author:
Kathleen E. McKeon, MD
St. Louis, Missouri
Additional Authors:
Jeremy J. McCormick, MD; Jeffrey E. Johnson, MD; Sandra E. Klein, MD

1:40 pm  Geometrical Analysis of First Metatarsal Dorsiflexion Osteotomy for Cavo Varus Feet
Presenting Author:
Emilio Wagner, MD
Santiago, Chile
Additional Authors:
Cristian Ortiz, MD; Andres Keller, MD

1:42 pm  Surgical Management and Treatment Algorithm for the Subtle Cavovarus Foot
Presenting Author:
John D. Maskill, MD
Grand Rapids, Michigan
Additional Authors:
Michael P. Maskill, DPM; Gregory C. Pomeroy, MD

1:44 pm  Surgical Stabilization of Calcaneal Fat Pad for Treatment of Instability
Presenting Author:
Marcelo Pires Prado, MD
Sao Paulo, Brazil
Additional Authors:
Alberto A. M. Mendes, MD; Daniel T. Amodio, MD; Tulio D. Fernandes, PhD

1:46 pm  Supramalleolar Osteotomies for the Treatment of Overcorrected Clubfoot Deformity
Presenting Author:
Markus Knupp, MD
Liestal, Switzerland
Additional Authors:
Lillianna Bolliger, MSc; Samuel Brunner, MD; Alexej Barg, MD; Beat Hintermann, MD

1:48 pm  Outcomes of Combined Modified Kidner Procedure with Subtalar Arthroereisis for the Correction of Painful Accessory Navicular Associated with Planovalgus Deformity
Presenting Author:
David N. Garras, MD
Philadelphia, Pennsylvania
Additional Authors:
Patricia Hansen, MS; Steven M. Raikin, MD

1:50 – 2:00 pm  Discussion
2:00 – 2:35 pm  
**Paper Session 5:**  
**X-ray**  
**Moderator:**  
Hong-Geun Jung, MD  
*Seoul, South Korea*

2:00 pm  
**Radiologic Change of Ankle Joint after Total Knee Arthroplasty**  
**Presenting Author:**  
Bi O Jeong, MD, PhD  
*Seoul, Korea*

2:06 pm  
**Classification of Asymmetric Osteoarthritis and Risk Factors for Treatment Failure after Supramalleolar Osteotomies**  
**Presenting Author:**  
Markus Knupp, MD  
*Liestal, Switzerland**  
**Additional Authors:**  
Liliana Bolliger, MSc; Sjoerd A. Stufkens, MD; Alexej Barg, MD; Beat Hintermann, MD

2:12 pm  
**Are Plain Film Radiographs Measuring Ankle Instability Accurately?**  
**Presenting Author:**  
Mark C. Drakos, MD  
*Providence, Rhode Island*  
**Additional Authors:**  
Eve Hoffman; David Paller, MS; Sarath Korupolu, MS; Steve Brian Behrens, MD; Joseph J. Crisco, PhD; Christopher W. DiGiovanni, MD

2:18 pm  
**Radiographic Measurement of Medial Distal Tibial Angle, Part I: Comparison between Weight-bearing Anteroposterior and Special Hindfoot Alignment View Radiographs**  
**Presenting Author:**  
Alexej Barg, MD  
*Liestal, Switzerland**  
**Additional Authors:**  
Andrew E. Anderson, PhD; Michael D. Harris, BS; Heath B. Henninger, PhD; Florian Nickisch, MD; Beat Hintermann, MD; Charles L. Saltzman, MD

2:24–2:35 pm  
**Discussion**

2:35 – 3:10 pm  
**Paper Session 6:**  
**1st MTP**  
**Moderator:**  
Ari J. Kaz, MD  
*Chicago, Illinois*

2:35 pm  
**Locked Versus Nonlocked Plate Fixation for First MTP Arthrodesis: A Biomechanical Investigation**  
**Presenting Author:**  
Cameron Barr, MD  
*Redwood City, California*  
**Additional Authors:**  
Kenneth J. Hunt, MD; Derek Lindsey, MS; Carroll P. Jones, III, MD; Ann Huang; Loretta B. Chou, MD

2:41 pm  
**Functional Outcomes after First Metatarsophalangeal Joint Arthrodesis**  
**Presenting Author:**  
Alejandro Ernesto Pino, MD  
*New York, New York*  
**Additional Authors:**  
Lucas J. Bader, MD; Elizabeth Young, BS; Chloe Cheng; Andrew J. Elliott, MD; Matthew M. Roberts, MD; David S. Levine, MD; Jonathan T. Deland, MD; Martin J. O'Malley, MD
2:47 pm The Effect of Various Hallux Valgus Reconstruction on Sesamoid Positioning: A Radiographic Study
Presenting Author:
David B. Thordarson, MD
Los Angeles, California
Additional Authors:
Eddie H. Huang, MD; Timothy P. Charlton, MD

2:53 pm Evaluation of Sesamoid Complex for Severe Hallux Valgus Assessed by Computed Tomography
Presenting Author:
Norihiro Samoto, MD, PhD
Nara, Japan
Additional Authors:
Kazuya Sugimoto, MD, PhD; Shinji Isomoto, MD, PhD; Ryuhei Katsui, MD; Yasuhiro Tanaka, MD, PhD

3:00 – 3:10 pm Discussion

3:10 – 3:30 pm Speed Paper Session 7: Instability
Moderator: Kenneth J. Hunt, MD
Redwood City, California

3:10 pm Anatomic Safe Zone for Placement of Suture Anchors in Arthroscopic Repairs for Chronic Ankle Instability
Presenting Author:
Mark C. Drakos, MD
Providence, Rhode Island
Additional Authors:
Steve B. Behrens, MD; Mary K. Mulcahey, MD; David Paller, MS; Christopher W. DiGiovanni, MD

3:12 pm A Biomechanical Analysis of Brostrom versus Brostrom-Gould Lateral Ankle Instability Repairs
Presenting Author:
Mark C. Drakos, MD
Providence, Rhode Island
Additional Authors:
Byung J. Lee, MD; David Paller MS; Steve B. Behrens, MD; Eve Hoffman, MD; Sarath Koruprolu, MS; Christopher W. DiGiovanni, MD

3:14 pm Associations between MR Findings and Symptoms in Patients with Chronic Ankle Sprain
Presenting Author:
Dae gyu Kwon, MD
Sungnam, Kyungki, South Korea
Additional Authors:
Chin Youb Chung, MD; Moon Seok Park, MD; Sang Hyeong Lee, MD; Ki Hyuk Seong; Tae Won Kim; Kyoung Min Lee

3:16 pm Hindfoot Joint Pressure in Acute and Recurrent Sprains
Presenting Author:
Fabian Krause, MD
Berne, Switzerland
Additional Authors:
Stefanie Blatter; Dirk Waehnert, MD; Markus Windolf, MSc, Engineer; Martin Weber, MD

3:18 pm Foot Injuries in the National Basketball Association
Presenting Author:
Jeffrey R. Jockel, MD
Boston, Massachusetts
Additional Authors:
Jeremie M. Axe, MD; Chad Starkey, PhD, AT; Mark Slovenkai, MD; Brian McKeon, MD
3:20 pm  Early Weight Bearing and Accelerated Rehabilitation Program after Standard or Minimally Invasive Achilles Tendon Repair  
**Presenting Author:**  
Justin Weatherall, MD  
*New York, New York*  
**Additional Authors:**  
Nirmal Tejwani, MD; Jordana Florman  

3:22 pm  Anteromedial Impingement in the Ankle Joint Outcomes Following Arthroscopy in the First One Hundred Cases  
**Presenting Author:**  
Christopher D. Murawski, MD  
*New York, New York*  
**Additional Author:**  
John G. Kennedy, MD  

3:24 – 3:30 pm  Discussion

**FRIDAY, July 15, 2011**

6:15 – 6:55 am  Continental Breakfast in Exhibit Hall

6:55 am  Announcements  
**Thomas H. Lee, MD, Program Chair**  
*Westerville, Ohio*

7:00 – 7:20 am  Speed Paper Session 8:  
**1st MTP**  
**Moderator:**  
Jeremy J. McCormick, MD  
*St. Louis, Missouri*

7:00 am  Surgical Treatment of Advanced Hallux Rigidus by Interpositional Arthroplasty  
**Presenting Author:**  
Jose Viega Sanhudo, MD  
*Porto Alegre, Brazil*  
**Additional Authors:**  
Joao Ellera Gomes, MD, PhD; Rodrigo Klaflke Martini, MD

7:02 am  Intermediate-Term Results Following First Metatarsal Cheilectomy  
**Presenting Author:**  
Bradly W. Bussewitz, DPM  
*Westerville, Ohio*  
**Additional Authors:**  
Macaira Dyment, DPM; Christopher F. Hyer, DPM

7:04 am  Radiographic Assessment of Medial Cuneiform Opening Wedge Osteotomy for Flatfoot Correction  
**Presenting Author:**  
Deborah Ann Castaneda, MD  
*Los Angeles, California*  
**Additional Authors:**  
David B. Thorarson, MD; Timothy P. Charlton, MD

7:06 am  Multiple Metatarsal Osteotomies for Joint-Preserving Forefoot Reconstruction  
**Presenting Author:**  
James W. Bogener, MD  
*Dallas, Texas*  
**Additional Author:**  
James W. Brodsky, MD
7:08 am  Long Term Clinical Outcomes of Total First Metatarsophalangeal Joint Implants
Presenting Author:
Lowell S. Weil, Sr., DPM
Des Plaines, Illinois
Additional Authors:
Lowell Weil, Jr., DPM; Wenjay Sung, DPM

7:10–7:20 am  Discussion

7:20 – 8:10 am  PART 3, SYMPOSIUM ON PERI-TALAR INSTABILITY
How to address the unbalanced total ankle
Moderator: Mark E. Easley, MD
Durham, North Carolina

7:20 am  Pre-operative Planning and Surgical Technique:
How do I balance my ankles?
Jin Woo Lee, MD
Seoul, South Korea

7:30 am  Management of the Varus Ankle Deformity in Ankle Replacement
Mark S. Myerson, MD
Baltimore, Maryland

7:40 am  TAR as a Spacer for Ankle/Subtalar Joint Instability
Beat Hintermann, MD
Liestal, Switzerland

7:50 am  Total Ankle Replacements in Mal-aligned Ankles:
Do I need a good lawyer?
James K. DeOrio, MD
Durham, North Carolina

8:00 am  Discussion

8:10 - 8:30 am  Outgoing Presidential Talk
Keith L. Wapner, MD
Philadelphia, Pennsylvania

8:30 – 8:45 am  Incoming Presidential Talk
Judith F. Baumhauer, MD, MS, MPH
Rochester, New York

8:45 – 9:15 am  Leonard J. Goldner and Roger A. Mann and Award Papers
Thomas H. Lee, MD, Program Chair
Westerville, Ohio

8:45 am  Leonard J. Goldner Award Paper
Changes in Gait Mechanics Two Years Following Total Ankle Replacement
Presenting Author:
Robin M. Queen, PhD
Durham, North Carolina
Additional Authors:
Justin De Biasio, BA; Robert J. Butler, DPT, PhD; James K. DeOrio, MD;
Mark E. Easley, MD; James A. Nunley, MD
8:53 am  
Roger A. Mann Award Paper  
Load Response of the Tarsal Bones in Patients with Flatfoot Deformity:  
In Vivo 3D Study  
Presenting Author:  
Masamitsu Kido, MD  
Kyoto, Japan  
Additional Authors:  
Kazuya Ikoma, MD, PhD; Kan Imai, MD, PhD; Masahiro Maki, MD, PhD;  
Ryota Takatori, MD, PhD; Daisaku Tokunaga, MD, PhD; Nozomu Inoue, MD, PhD;  
Toshikazu Kubo, MD, PhD  

9:01 - 9:15 am  Discussion  

9:15 – 9:45 am  
PRESIDENTIAL GUEST SPEAKER  
Introduction by Keith L. Wapner, MD, President  
Mr. John Fielder  
Colorado Photographer  
Denver, Colorado  

9:45 – 10:20 am  Break / Visit Exhibit Hall  
10:20 – 10:30 am  Presidential and Program Chair Announcements 
Keith L. Wapner, MD  
Thomas H. Lee, MD  

10:30 - 11:10 am  
Paper Session 9:  Obesity  
Moderator:  Xu Wang, MD  
Shanghai, China  

10:30 am  
International Federation of Foot and Ankle Societies Award Paper  
Total Ankle Replacement in Obese Patients: Functional Outcome,  
Weight Change, and Component Stability in 118 Consecutive Patients  
Presenting Author:  Alexej Barg, MD  
Liestal, Switzerland  
Additional Authors:  Markus Knupp, MD; Andrew E. Anderson, PhD; Beat Hintermann, MD  

10:40 am  
The Influence of Obesity on the Outcome of Total Ankle Arthroplasty  
Presenting Author:  Amit Amin, FRCS(Orth)  
Toronto, Ontario, Canada  
Additional Authors:  Ellie Pinsker, BA&Sc; Josh Mayich, MD; Timothy R. Daniels, MD  

10:46 am  
Does Increased Weight Alter Ankle Mechanics and Spatial Temporal Gait  
Mechanics in Healthy Controls?  
Presenting Author:  Robin M. Queen, PhD  
Durham, North Carolina  
Additional Authors:  Alicia N. Abbey, BS, ATC; Robert J Butler, DPT, PhD; James A. Nunley, MD  

10:53 am  
Mean BMI in Overweight and Obese Patients Does Not Decrease After  
Successful Ankle Reconstruction  
Presenting Author:  Murray J. Penner, MD  
Vancouver, British Columbia, Canada  
Additional Authors:  Hossein Pakzad; Alastair Younger, MBChB; Kevin J. Wing, MD  

10:59 -11:10 am  Discussion
11:10 am  
**Calcaneal Fixations: Extensile versus Sinus Tarsi Mini-incision Approach – Early Outcome Evaluation**  
**Presenting Author:** Patrick J. Maloney, MD  
Danville, Pennsylvania  
**Additional Authors:** Gerard J. Cush, MD; Wade R. Smith, MD; James C. Widmaier, MD; Steven A. Lillmars, DO; Kaan Irgit, MD; Blake E. Moore, MD

11:16 am  
**Minimal Invasive Fixation of Displaced Calcaneal Fractures Through a Limited Sinus Tarsi Approach – A Controlled, Prospective CT Based Study**  
**Presenting Author:** Tomasz Nosewicz, MD  
Liestal, Switzerland  
**Additional Authors:** Markus Knupp, MD; Lilianna Bolliger, MSc; Beat Hintermann, MD

11:22 am  
**Foot Kinematics after Unilateral Calcaneal Fracture: Results of a Motion Analysis Study Using A Multi-Segment Foot Model**  
**Presenting Author:** Sebastian Mueller, MD  
Heidelberg, Germany  
**Additional Authors:** Christina Keil, MD; Falko Frank; Sebastian Wolf, PhD

11:28 – 11:35 am  
**Discussion**

11:35 – 12:35 pm  
**PART 4, SYMPOSIUM ON PERI-TALAR INSTABILITY**  
**Is a crooked talus the source of strange feet cases?**  
**Moderator:** Steven L. Haddad, MD  
Glenview, Illinois

11:35 am  
**Subtalar Instability: Diagnosis and Treatment**  
Alexej Barg, MD  
Liestal, Switzerland  
Charles L. Saltzman, MD  
Salt Lake City, Utah

11:55 am  
**Peritalar Instability: Fact or fiction:**  
Beat Hintermann, MD  
Liestal, Switzerland

12:05 pm  
**Talar Orientation in Cavovarus Feet**  
Bruce J. Sangeorzan, MD  
Seattle, Washington

12:15 pm  
**Treatment of Asymmetric Osteoarthritis of the Ankle Joint**  
Markus Knupp, MD  
Liestal, Switzerland

12:25 pm  
**Discussion**

12:35 – 1:05 pm  
**Speed Paper Session 11:**  
**Moderator:** Robert D. Santrock, MD  
Columbia, South Carolina
12:35 pm  Negative Wound Pressure Therapy Induces Endothelial Progenitor Cell Mobilization in Patients with Diabetic Foot Infection  
Presenting Author:  
Dong Yeon Lee, MD, PhD  
Seoul, Republic of Korea  
Additional Authors:  
Ho Sung Hahn, MD; Won Joon Yoo, MD, PhD

12:37 pm  Increased Risk of Tibial Shaft Fracture Associated with Half-Pin Use in Circular Ring External Fixation among Patients with Charcot Neuroarthropathy  
Presenting Author:  
Scot A. Youngblood, MD  
Charlotte, North Carolina  
Additional Authors:  
Norman Waldrop, MD; Carroll P. Jones, III, MD; W. Hodges Davis, MD

12:39 pm  Alcohol Injection for Morton's Neuroma: Does it really hit the spot? A 5-year Follow-up  
Presenting Author:  
Palanisamy Ramesh, FRCS (Orth)  
Surrey, United Kingdom  
Additional Authors:  
Tom White; Sabahat Gurdezi; , B Pharm MBBS MRCS

12:41 pm  Hallux Valgus Reconstruction in Rheumatoid Arthritis  
Presenting Author:  
John Chao, MD  
Dallas, Texas  
Additional Authors:  
James W. Brodsky, MD; Stephen L. Tocci, MD; Daniel A. Charlick, MD; Christian T. Royer, MD

12:43 pm  Plantar Fascia Specific Stretching Exercise Vs. Corticosteroid Injection for the Treatment of Chronic Proximal Plantar Fasciitis: A Prospective Randomized Study  
Presenting Author:  
Chauncey Kester Lao Lim, MD  
Manila, Philippines  
Additional Author:  
Emiliano B. Tablante

12:45 pm  A Multi-Axis Robotic Platform and Testing Protocol for Evaluating in Vitro Biomechanics of the Foot  
Presenting Author:  
Jaymes D. Granata, MD  
Columbus, Ohio  
Additional Authors:  
Gregory C. Berlet, MD; Rahul Ghotge, MS; Yuan Li, PhD; Brian P. Kelly, PhD; Denis J. Diangelo, PhD

12:47 pm  Effect of Strict Infection Control Policies on Infection Rates in Elective Foot and Ankle Surgery  
Presenting Author:  
Andrew P. Molloy, FRCS Tr&Orth  
Liverpool, United Kingdom  
Additional Authors:  
Clifford Butcher, FRCS Tr&Orth; Damon Simmons, FRCS Tr&Orth; Marie Williams; Andrea Maddison
12:49 pm  Shoe-wear Recommendations Survey of American Orthopaedic Foot and Ankle Society Members
Presenting Author:
Elisa J. Knutsen, MD
Baltimore, Maryland
Additional Author:
Daniel C. Farber, MD

12:51 - 1:05 pm Discussion
1:05 – 1:20 pm AOFAS Business Meeting
1:30 – 3:30 pm Optional Industry Satellite Symposia (non-CME)

SATURDAY JULY 16, 2011
8:00 – 8:30 am Continental Breakfast
8:25 am Welcome / Announcements
Thomas H. Lee, MD, Program Chair
Westerville, Ohio
8:30 – 9:00 am Speed Paper Session 12: Arthritis
Moderator: Premjit S. Deol, DO
Golden, Colorado
8:30 am One Year Follow Up Efficacy of Intra-Articular Hyaluronic Acid Injection in Early Stage Ankle OA
Presenting Author:
Tae hun Kim, MD
Kyunggi-DO, South Korea
Additional Authors:
Seung Hwan Han, MD; Jun Jo, MD
8:32 am Histological Morphometry and Biomechanical Mapping of the Human Ankle
Presenting Author:
Olaf Buettner, MD
Basel, Switzerland
Additional Authors:
Victor Valderrabano, MD, PhD; Andre Leumann, MD; Magdalena Mueller Gerbl, PhD
8:34 am Functional Outcomes after Ankle Arthrodesis in Elderly Patients
Presenting Author:
Nicholas Lee Strasser, MD
Rochester, Minnesota
Additional Author:
Norman S. Turner, MD
8:36 am Functional Disabilities and Issues of Concern in Asian Patients Before TAA
Presenting Author:
Young Koo Lee, MD
Seoul, Korea
Additional Authors:
Kyung Tai Lee, MD, PhD; Jinsu Kim, MD; Heui Chul Gwak, MD; Jae Hyuck Choi, MD
8:38 am      Mobility TAR: The Canadian Experience  
              Presenting Author:  
              Amit Amin, FRCS(Orth)  
              Halifax, Nova Scotia, Canada  
              Additional Authors:  
              James Sproule, MD, MCh, FRCSI, FRCS; Terence Chin; Timothy R. Daniels, MD,  
              FRSCC; Alastair S. Younger, MBChB; Gordon Boyd;  
              Mark A. Glazebrook, MSc., PhD, MD, FRCS(C)

8:40 am      Tibio-Talo-Calcaneal Arthrodesis with Retrograde Intramedullary Nail  
              vs Ankle Arthrodesis: Clinical and Functional Balance  
              Presenting Author:  
              Federico Giuseppe Usuelli, MD  
              Milan, Italy  
              Additional Authors:  
              Alberto Leardini, DPhil; Rossano Milani; Mariagrazia Benedetti, PhD;  
              Francesco Malerba, MD

8:42 am      Does the Tourniquet Time Influence the Complication Rate of TAR?  
              Presenting Author:  
              Dan H. Boack, MD  
              Berlin, Germany

8:44 am      Prospective Analysis of Arthrodesis of Ankle and Subtalar Joints with  
              a Retrograde, Intramedullary Compressing Nail  
              Presenting Author:  
              James W. Brodsky, MD  
              Dallas, Texas  
              Additional Author:  
              Gregorio Verschae, MD

8:46 am      Arthroscopic Subtalar Arthrodesis  
              Presenting Author:  
              Naren G. Gurbani, MD  
              Capistrano Beach, California

8:48 – 9:00 am      Discussion

9:00 – 9:20 am      Speed Paper Session 13:  
              Mechanics  
              Moderator:  
              Todd A. Irwin, MD  
              Ann Arbor, Michigan

9:00 am      The Change of Three-Dimensional Kinematics of the Hindfoot with  
              Stage II, III, And IV of PTTD  
              Presenting:  
              Kan Imai, MD, PhD  
              Kyoto, Japan  
              Additional Authors:  
              Kazuya Ikoma, MD, PhD; Masahiro Maki, MD, PhD; Masamitsu Kido, MD;  
              Ryota Takatori, MD, PhD; Daisaku Tokunaga, MD, PhD; Nozomu Inoue, MD, PhD;  
              Toshikazu Kubo, MD, PhD

9:02 am      The Effect of Medializing Calcaneal Osteotomy on Hindfoot Alignment in the  
              Reconstruction of Adult Acquired Flatfoot Deformity  
              Presenting Author:  
              Jeremy Chan, BS  
              New York, New York  
              Additional Authors:  
              Benjamin Williams, BS; Elizabeth Young, BS; Carolyn Sofka, MD; Jonathan T. Deland,  
              MD; Scott J. Ellis, MD
9:04 am  
**Functional Outcome of Endoscopic Plantar Fasciotomy**  
**Presenting:** Lucas J. Bader, MD  
New York, New York  
**Additional Author:** Martin J. O’Malley, MD

9:06 am  
**Revision Surgeries after Total Ankle Replacement**  
**Presenting Author:** Beat Hintermann, MD  
Liestal, Switzerland  
**Additional Author:** Alexej Barg, MD

9:08 am  
**Comparison of Fixation Method and Outcome In 182 Tibiotalocalcaneal Fusions**  
**Presenting Author:** Anthony Perera, MBChB MRCS MFSEM PGDip (Med Law) FRCS(Orth)  
Cardiff, Wales, United Kingdom  
**Additional Authors:** Oscar Mendoza, MD; Roxa Ruiz, MD; Michael Lutz, MD; Mark S. Myerson, MD

9:10 – 9:20 am  
**Discussion**

9:20 – 10:15 am  
**Sins of our Father or Like Father, Like Son?**  
An inter-generational case-based Symposium  
**Moderator:** David R. Richardson, MD  
Southhaven, Mississippi  
**Panelists:**  
E. Greer Richardson, MD  
Memphis, Tennessee  
James K. DeOrio, MD  
Durham, North Carolina  
Matthew J. DeOrio, MD  
Owens Cross Roads, Alabama  
Roger A. Mann, MD  
Oakland, California  
Jeffrey A. Mann, MD  
Oakland, California  
G. James Sammarco, MD  
Cincinnati, Ohio  
V. James Sammarco, MD  
Cincinnati, Ohio

10:15 – 10:35 am  
**Break**

10:35 – 11:25 am  
**Paper Session 14:**  
Ankle  
**Moderator:** Jeffrey S. Feinblatt, MD  
Oregon City, Oregon

10:35 am  
**Operative versus Nonoperative Treatment of Unstable Lateral Malleolar Fractures: A Randomized, Multicenter Trial**  
**Presenting Author:** David Sanders, MD, FRCSC  
London, Ontario, Canada  
**Additional Authors:** Christina Tieszer, MSc; Bradley Corbet; Canadian Orthopedic Trauma Society
10:41 am  
**Outcome Following the Failed Anatomical Reduction of Ankle Fractures**  
Presenting Author:  
Andrew P. Molloy, FRCS Tr & Orth  
*Liverpool, United Kingdom*  
**Additional Authors:**  
Stephen J. Lipscombe, MBChB, BSc Physiology; Kasia Studnicka, MBChB

10:47 am  
**A Biomechanical Comparison of an Open Versus Arthroscopic Approach for the Treatment of Lateral Ankle Instability**  
Presenting Author:  
Mark C. Drakos, MD  
*Providence, Rhode Island*  
**Additional Authors:**  
Steve B. Behrens, MD; David Paller, MS; Eve Hoffman; Sarath Koruprolu, MS; Christopher W. Digiovanni, MD

10:53 am  
**Prospective Randomized Trial Comparing Two Options of Severe Ankle Sprain Treatments**  
Presenting Author:  
Marcelo Pires Prado, MD  
*Sao Paulo, Brazil*  
**Additional Authors:**  
Alberto A. M. Mendes, MD; Daniel T. Amodio, MD; Tulio D. Fernandes, PhD; Gilberto L. Camanho, PhD

11:00 am  
**Arthroscopic ATFL repair for Chronic Ankle Instability with Suture Anchor Technique**  
Presenting Author:  
Eung-soo Kim  
*Seoul, Republic of Korea Additional Authors:*  
Kyung Tai Lee, MD, PhD; Young Koo Lee, Assistant Professor

11:06 am  
**Radiographic Measurement of Medial Distal Tibial Angle, Part II: Influence of Ankle Position (Rotation, Dorsiflexion/Plantarflexion) and Radiograph Technique on Obtained Results**  
Presenting Author:  
Alexej Barg, MD  
*Liestal, Switzerland*  
**Additional Authors:**  
Charles L. Saltzman, MD; Michael D. Harris, BS; Heath B. Henninger, PhD; Beat Hintermann, MD; Andrew E. Anderson, PhD

11:12 – 11:25 am  
**Discussion**

11:25 - 12:00 pm Paper  
**Session 15: Diabetes**  
Moderator:  
Palanisamy Ramesh, MS, MCh  
*Kingston, Surrey, United Kingdom*

11:25 am  
**Four-Stage Regimen for Operative Treatment of Diabetic Foot Ulcer with Deformity**  
Presenting:  
Martinus Richter, MD, PhD  
*Coburg, Bavaria, Germany*  
**Additional Author:**  
Stefan Zech, MD
11:31m  Photoplethysmography and Continuous-Wave Doppler Ultrasound as a Complementary Test of Ankle Brachial Index in Detection of Stenotic Peripheral Arterial Disease
Presenting Author:
Dong Yeon Lee, MD, PhD
Seoul, Korea
Additional Authors:
Doo Hyun Noh, MD; Won Joon Yoo, MD, PhD

11:37 am  Plantar Plate Anatomy: Implications for Surgical Reconstruction
Presenting Author:
William T. Decarbo, DPM
Westerville, Ohio
Additional Authors:
Jaymes D. Granata, MD; Thomas H. Lee, MD; Gregory C. Berlet, MD

11:42 am  Anatomic Plantar Plate Repair Utilizing a Weil Metatarsal Osteotomy Approach
Presenting Author:
Wenjay Sung, DPM
Des Plaines, Illinois
Additional Authors:
Lowell Weil, Jr. DPM; Lowell Weil, Sr, DPM

11:48 – 12:00 pm  Discussion

12:00 –12:15 pm  Speed Paper Session 16: Ankle Fracture
Moderator:
Blake L. Ohlson, MD
Charleston, South Carolina

12:00 pm  Vascular Supply to the Ankle Syndesmosis
Presenting Author:
Kathleen E. McKeon, MD
St. Louis, Missouri
Additional Authors:
Rick W. Wright, MD; Jeffrey E. Johnson, MD; Jeremy J. McCormick, MD; Sandra E. Klein, MD

12:02 pm  Interpretation of Normal Foot and Ankle Radiographs by Emergency Room and Orthopaedic Clinicians
Presenting Author:
Ahsan Akhtar, MBChB, MRCS
Manchester, Lancashire, United Kingdom
Additional Authors:
James Davenport; Chris George; Simon Platt

12:04 pm  Risk Factors of Wound Complications after Open Reduction Internal Fixation of Ankle Fractures
Presenting Author:
Adam G. Miller, MD
Philadelphia, Pennsylvania
Additional Authors:
Steven M. Raikin, MD; Andrew Margules, BS

12:06 pm  Painful Hardware Removal Following Medial Malleolar Open Reduction Internal Fixation
Presenting Author:
Bradly W. Bussewitz, DPM
Westerville, Ohio
Additional Authors:
Shyler Demill, DO; Terrence M. Philbin, DO

12:08 – 12:15 pm  Discussion
12:15 – 12:35 am  Speed Paper Session 17: Ankle Replacement
Moderator: Joao De Carvalho Neto, MD
Sao Paulo, Brazil

12:15 pm  Simultaneous Bilateral Total Ankle Replacement: Outcome in 26 Patients Following for 2 – 10 Years
Presenting Author: Alexej Barg, MD
Liestal, Switzerland
Additional Authors: Andrew Anderson, MD; Markus Knupp, MD; Beat Hintermann, MD

12:17 pm  The Tibio-talar Stability of the INBONE™ Total Ankle Replacement Designs
Presenting Author: Gregory C. Berlet, MD
Westerville, Ohio

12:19 pm  Management of Infected Total Ankle Replacements
Presenting Author: Alan Zonno, MD
Baltimore, Maryland
Additional Author: Mark S. Myerson, MD

12:21 pm  Implant Placement Accuracy and Patient-Specific Surgical Guide Reproducibility Using Pre-Operative Navigation in Total-Ankle Arthroplasty
Presenting Author: Gregory C. Berlet, MD
Westerville, Ohio
Additional Authors: Murray J. Penner, MD; Steven L. Haddad, MD; W. Hodges Davis, MD; Robert B. Anderson, MD; Sarah Lancianese, PhD; Paul M. Stemniski; Richard M. Obert

12:23 pm  The Lateral Distal Tibial Articular Angle and Relationship to Talar Subluxation in TAR
Presenting Author: Andrea Nicole Veljkovic, MD
Iowa City, Iowa
Additional Authors: Peter Salat, MD; Charles L. Saltzman, MD; John E. Femino, MD; Phinit Phisitkul, MD; Ned Amendola, MD

12:25-12:35 pm  Discussion

12:35 – 12:40 pm  Closing Remarks and Adjourn
Thomas H. Lee, MD, Program Chair
Westerville, Ohio

06/21/2011
2011 AOFAS Keystone Final Agenda