

Auditorium A

7:50

Welcome

First Session: Society Invited AFFAS**Posterior Malleolus****Moderator 1** Christian Bastías, MD**Moderator 2** Daniel Niño Gómez, MD

08:00 - 08:10	Speaker AFFAS	Naoki Haraguchi, MD	Understanding Posterior Malleolus Fracture
08:10 - 08:20	Speaker AFFAS	Santiago Eslava, MD	When and How to Fix Posterior Malleolus Fracture, 360° View
08:20 - 08:30	Discussion		

OCD**Moderator 1** Felipe Alloza, MD

08:30 - 08:40	Speaker AFFAS	Jin Woo Lee, MD	Prognostic Factors of Clinical Outcomes After Bone Marrow Stimulation in Osteochondral lesions of the Talus (OCD)
08:40 - 08:50	Speaker AFFAS	Gabriel Khazen, MD	Agreed, but Microfracture is still my first choice
08:50 - 09:00	Discussion		

Second Session: Society Invited AOFAS

Controversies

Severe Cavus Foot Deformity**Moderator 1** Mark Easley, MD**Moderator 2** Mario Khun Adames, MD

09:00 - 09:10	Speaker AOFAS	Mark Myerson, MD	I can fix it without subtalar fusion
09:10 - 09:20	Speaker AOFAS	Emilio Wagner, MD	Subtalar fusion is required
09:20 - 09:30	Discussion		

TAR			
Moderator 1		Charles Saltzman, MD	
Moderator 2		Giovanni Carcuro, MD	
09:30 - 09:40	Speaker AOFAS	Mark Easley, MD	Risk factors in total ankle replacement
09:40 - 09:50	Speaker AOFAS	Santiago Guerrero, MD	TAR and talar dome bone defect : replacement or fusion ?
09:50 - 10:00	Discussion		

10:00 - 10:30	Coffee Break		
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The Mysterious Subtalar Joint			
Moderator 1		Mark Myerson, MD	
Moderator 2		Andres Keller, MD	
10:30 - 10:40	Speaker AOFAS	Charles Saltzman, MD	Subtalar joint motion after Ankle fusion
10:40 - 10:50	Speaker AOFAS	Constantine Demetracopulos, MD	How to improve subtalar fusion rates
10:50 - 11:00	Discussion		
11:00 - 12:00	Free Papers		

12:00 - 13:30	Lunch Break		
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Third Session: Society Invited EFAS

Hallus Rigidus

Moderator 1 Yves Tourné, MD			
Moderator 2 Diego Zanolli, MD			
13:30 - 13:40	Speaker EFAS	Antonio Viladot, MD	Osteotomies for Hallux rigidus
13:40 - 13:50	Speaker EFAS	Juan Yañez, MD	Hallux Rigidus My Way
13:50 - 14:00	Discussion		

PTTD

Moderator 1 Yves Tourné, MD			
Moderator 2 Diego Zanolli, MD			
14:00 - 14:10	Speaker EFAS	Beat Hintermann, MD	PTTD and naviculocuneiform joint collapse : Fusion or not ?
14:10 - 14:20	Speaker EFAS	César de César, MD	How important is the first ray correcting hindfoot deformities ?
14:20 - 14:30	Discussion		

Lisfranc Classification

Moderator 1 Antonio Viladot, MD			
Moderator 2 Marco Costa, MD			
14.30 - 14.40	Speaker EFAS	German Joanas, MD	My approach
14:40 - 14:50	Speaker EFAS	Stefan Rammelt, MD	My approach
14:50 - 15:00	Discussion		

Syndesmosis			
	Moderator 1	Joao Carvalho Neto, MD	
	Moderator 2	Julio López Etchegoyen, MD	
15:00 - 15:10	Speaker EFAS	Stefan Rammelt, MD	Tibial incisura anatomy : risk factors for syndesmotic injury and malreduction
15:10 - 15:20	Speaker EFAS	Beat Hintermann	Diagnosis and outcomes of subtle syndesmosis injuries
15:20 - 15:30		Discussion	

15:30 - 16:00	Coffe Break		
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Fourth Session

I always did it this way, why it failed this time?			
	Moderator 1	Cristian Ortiz, MD	
	Moderator 2	Martinus Richter, MD	
16:00 - 16:10		Mark Myerson, MD	Clinical Case
16:10 - 16:15		Discussion	
16:15 - 16:25		Caio Nery, MD	Clinical Case
16:25 - 16:30		Discussion	
16:30 - 16:40		Mark Easley, MD	Clinical Case
16:40 - 16:45		Discussion	
16:45 - 16:55		Sergio Fernández, MD	Clinical Case
16:55 - 17:00		Discussion	

Friday

Auditorium A

06:50 - 07:00	Opening Ceremony
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Sports injuries

Moderator 1 Cristian Ortiz, MD			
Moderator 2 Diego Zanolli, MD			
07:00 - 07:08	Speaker FLAMECIPP	Hector Masaragian, MD	Endoscopic treatment in Posterior Tibial tendon and spring ligament injuries
07:08 - 07:16	Speaker NAFFAS	Eric Ferkel, MD	Arthroscopic Treatment of Soft Tissue Lesion of the Ankle and Subtalar Joint
07:16 - 07:24	Speaker AFFAS	Satoru Ozeki, MD	Reconstruction surgery for ligament injuries of the foot and ankle in athlete
07:24 - 07:32	Speaker EFAS	Kris Buedts, MD	Operative versus Nonoperative Treatment of Achilles Tendon Rupture
07:32 - 07:40	Guest speaker	Federico Uselli, MD	Operative Treatment of Ligamentous Injuries at the Ankle
07:40 - 07:46	Free paper 524	Leonardo Moraes, MD	Anatomical structures at risk in proximal fifth metatarsal fracture fixation: A cadaver study
07:46 - 07:52	Free paper 334	Naoki Haraguchi, MD	Aggressive fixation of osteochondral lesions of the talus
07:52 - 07:58	Free paper 338	Gonzalo Bastias, MD	Monopodal versus bipodal radiologic examination for unstable subtle ligamentary lisfranc injuries
07:58 - 08:30	Discussion		

Auditorium B

Cartilage Defects

Moderator 1 Martinus Richter, MD			
Moderator 2 Satoshi Yamaguchi, MD			
07:00 - 07:08	Speaker FLAMECIPP	Jorge Filippi MD	The role of bone marrow stimulation
07:08 - 07:16	Speaker NAFFAS	John Kennedy, MD	What Biological Augmentation Works for Cartilage Defects
07:16 - 07:24	Speaker AFFAS	Jin Woo Lee, MD	Updates on the osteochondral lesion of talus based on the longterm followup
07:24 - 07:32	Speaker EFAS	Markus Walther, MD	AMIC for Cartilage Defects
07:32 - 07:40	Guest speaker	Niek Van Dijk, MD	Actual Evidence in for Treatment of Cartilage Defects
07:40 - 07:46	Free paper 25	Markus Walther, MD	Systematic review and meta-analysis of the amic procedure using chondro gide® for osteochondral lesions of the talus
07:46 - 07:52	Free paper 137	Matteo Guelfi, MD	international trends in the diagnosis and treatment of talar osteochondral lesions: A global survey among foot and ankle surgeons
07:52 - 07:58	Free paper 179	Tomoji Matsuo, MD	Morphological features of atraumatic osteochondral lesions of the talus
07:58 - 08:04	Free paper 484	Yoshiharu Shimozone, MD	Clinical and radiological outcomes of autologous osteochondral transplantation with micronized allograft cartilage matrix augmentation for osteochondral lesions of the talus
08:04 - 08:30	Discussion		

Forefoot Deformities			
Moderator 1		Mark Myerson, MD	
Moderator 2		Cristian Ortiz, MD	
08:30 - 08:38	Speaker FLAMECIPP	Caio Nery, MD	Complications in lesser toes and plantar plate surgery: what now ?
08:38 - 08:46	Speaker NAFFAS		3D Correction of Bunions – The Only Way to Go
08:46 - 08:54	Speaker AFFAS	Ryuzo Okuda, MD	Operative treatment for severe hallux valgus with metatarsus adductus
08:54 - 09:02	Speaker EFAS	Marino Delmi, MD	Lesser Metatarsal Osteotomies
09:02 - 09:10	Guest speaker	James Nunley, MD	Evidence in Plantar Plate Repair
09:10 - 09:16	Free paper 180	Gin Way Law, MD	Bunion surgery in symptomatic hallux valgus for patients with diabetes mellitus: A matched-pair study
09:16 - 09:22	Free paper 184	Maria Cöster, MD	Hallux rigidus-osteoarthritis of the first mtp joint. Surgical and patient-reported results from swefoot
09:22 - 09:28	Free paper 473	Scott Ellis, MD	The modified lapidus procedure is an effective tool to change pronation of the first ray in patients with hallux valgus
09:28 - 10:00	Discussion		

Total Ankle Replacement			
Moderator 1		Beat Hintermann, MD	
Moderator 2			
08:30 - 08:38	Speaker FLAMECIPP	Giovanni Carcuro, MD	Ankle replacement in valgus deformity
08:38 - 08:46	Speaker NAFFAS	Mark Easley, MD	Where Are We Now with Fixed Bearing Prostheses
08:46 - 08:54	Speaker AFFAS	Yasuhito Tanaka, MD	Total Ankle Arthroplasty Combined with Total Talar Prosthesis
08:54 - 09:02	Speaker EFAS	Victor Valderrabano, MD	Evidence for New Designs
09:02 - 09:10	Guest speaker	Jirun Apinun, MD	Mobile versus Fixed Bearing – Where is the Evidence?
09:10 - 09:16	Free paper 292	Yoo Jung Park, MD	Management of periprosthetic osteolysis after total ankle arthroplasty
09:16 - 09:22	Free paper 322	James Brodsky, MD	Long term functional outcomes after total ankle arthroplasty
09:22 - 09:28	Free paper 44	Roxa Ruiz, MD	The effect of exchange of a mobile-bearing into a fixed-bearing total ankle system on coronal plane balancing
09:28 - 09:34	Free paper 272		Total ankle arthroplasty as day case surgery - How safe and effective it is.
09:34 - 10:00	Discussion		

10:00 - 10:30	Coffee Break
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Supramalleolar Osteotomy			
Moderator 1		Thomas Lee, MD	
Moderator 2		Marino Delmi, MD	
10:30 - 10:38	Speaker FLAMECIPP	Pablo Wagner, MD	Distal Tibia deformity correction with intramedullary nail
10:38 - 10:46	Speaker NAFFAS	Andrea Veljkovic, MD	Supramalleolar Osteotomies for TAR OCD Lesiones
10:46 - 10:54	Speaker AFFAS	Hong Geun Jung, MD	Supramalleolar osteotomy for the osteoarthritis of the ankle
10:54 - 11:02	Speaker EFAS	Kris Buedts, MD	Technique 3D-guided supramalleolar dome ostetomy
11:02 - 11:10	Guest speaker	Beat Hintermann, MD	Evidence for Supramalleolar Osteotomies
11:10 - 11:16	Free paper 78	Fabian Krause, MD	The effect of subtalar motion on calcaneal osteotomies
11:16 - 11:22	Free paper 281	Naoki Haraguchi, MD	Low tibial osteotomy combined with ankle mortise reconstruction for advanced osteoarthritis of the ankle
11:22 - 11:28	Free paper 290	Woo-chun Lee, MD	CT analysis of cystic osteochondral lesion of the talus after realignment surgery
11:28 - 12:00	Discussion		

12:00 - 14:00	Workshop - Lunch
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10:00 - 10:30	Coffee Break
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Gastroc-/Achilles-/Soleus Lengthening			
Moderator 1		James Nunley, MD	
Moderator 2		Federico Usueli, MD	
10:30 - 10:38	Speaker FLAMECIPP	Luis Hermida, MD	Gastroc lengthening in chronic achilles tendinopathy and plantar fasciitis
10:38 - 10:46	Speaker NAFFAS	James DeOrio, MD	Achilles Lengthening in TAR
10:46 - 10:54	Speaker AFFAS	Ewe Juan Yeap, MD	Endoscopic Gastrocnemius Recession: an Evolution from Open Surgery
10:54 - 11:02	Speaker EFAS	Arne Burssens, MD	Evidence-Based Assessment of Gastroc-/Achilles-/Soleus-Length
11:02 - 11:10	Guest speaker	Mark Myerson, MD	Evidence for Gastroc-/Achilles-/Soleus Lengthening
11:10 - 11:16	Free paper 321	Kelly Stéfani, MD	Isolated gastrocnemius tightness: Impact on foot diseases
11:16 - 11:22	Free paper 509	Nicolò Martinelli, MD	Micro fractured and purified adipose tissue graft (Lipogems®) in the treatment of chronic plantar fasciitis: A prospective, uncontrolled preliminary study
11:22 - 12:00	Discussion		

12:00 - 14:00	Workshop - Lunch
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Flatfoot			
Moderator 1		Yves Tourne, MD	
Moderator 2		Mark Easley, MD	
14:00 - 14:08	Speaker FLAMECIPP	Jose Sanhudo, MD	Peroneus brevis transfer in PTTD
14:08 - 14:16	Speaker NAFFAS	Steve Haddad, MD	Deltoid Reconstruction in Flat Foot
14:16 - 14:24	Speaker AFFAS		Approach and treatment of the adult acquired flatfoot deformity
14:24 - 14:32	Speaker EFAS	Antonio Viladot, MD	Subtalar Arthrorisis: Indications and Results
14:32 - 14:40	Guest speaker	Constantine Demetracopulos, MD	Evidence in Flatfoot Treatment
14:40 - 14:46	Free paper 109	Mohamed Abd-ella, MD	Modified lateral column lengthening osteotom, a cadaveric study of structures at risk
14:46 - 14:52	Free paper 537	Rómulo Silva, MD	Analysis of the prevalence of pes planus in patients submitted to hallux valgus correction surgery: is there any correlation?
14:52 - 14:58	Free paper 318	Gabriel Ferraz, MD	The ponseti method in children with clubfoot after walking age? Systematic review and metanalysis of observational studies
14:58 - 15:30	Discussion		

Ankle / Subtalar Fusion			
Moderator 1		Peter Bock, MD	
Moderator 2		Manuel Pellegrini, MD	
14:00 - 14:08	Speaker FLAMECIPP	Santiago Guerrero, MD	Early weight bearing after ankle fusion with plate
14:08 - 14:16	Speaker NAFFAS	Bruce Sangeorzan, MD	Results of Open Ankle Fusion
14:16 - 14:24	Speaker AFFAS	Jae Hoon Ahn, MD	Arthroscopic Subtalar fusion
14:24 - 14:32	Speaker EFAS	Ian Winson, MD	Arthroscopic Ankle Fusion
14:32 - 14:40	Guest speaker	Gabriel Khazen, MD	Evidence for Ankle and Subtalar Fusion
14:40 - 14:46	Free paper 46	Woo-Chun Lee, MD	Joint preservation surgery for varus ankle arthritis with large talar tilt using repositional subtalar arthrodesis
14:46 - 14:52	Free paper 508	Giorgio Raggi, MD	Arthroscopic ankle arthrodesis in high risk patients: A comparison study
14:52 - 14:58	Free paper 568	Chamanni Rungprai, MD	Outcomes and complications of open versus posterior arthroscopic subtalar arthrodesis: A prospective randomized multicenter study
14:58 - 15:30	Discussion		

15:30 - 16:00	Coffee Break
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Minimally Invasive Surgery (MIS)			
Moderator 1		Joao Carvalho Neto, MD	
Moderator 2		Jae Hoon Ahn, MD	
16:00 - 16:08	Speaker FLAMECIPP	Mario Olivari, MD	Crossover Toe. Treatment with MIS
16:08 - 16:16	Speaker NAFFAS	Alastair Younger, MD	Arthroscopy in Foot and Ankle Surgery: Beyond the Ankle
16:16 - 16:24	Speaker AFFAS	Inderjeet Singh Rikhranj, MD	MIS in Forefoot Surgery
16:24 - 16:32	Speaker EFAS	Manfred Thomas, MD	Technique for Minimally Invasive Forefoot Surgery
16:32 - 16:40	Guest speaker	Peter Bock, MD	Evidence in Minimally Invasive Forefoot Surgery
16:40 - 16:46	Free paper 269	Sofia Carlucci, MD	Is obesity a risk factor in percutaneous hallux valgus surgery?
16:46 - 16:52	Free paper 688	Moses Lee, MD	Learning curve of third-generation percutaneous chevron akin osteotomy using the cumulative summation test
16:52 - 17:30	Discussion		

15:30 - 16:00	Coffee Break
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New Surgical Procedures			
Moderator 1		Ryuzo Okuda, MD	
Moderator 2		Mario Kuhn Adames, MD	
16:00 - 16:08	Speaker FLAMECIPP	Emilio Wagner, MD	First proximal rotational osteotomy for Hallux Valgus treatment
16:08 - 16:16	Speaker NAFFAS	Judy Baumhauer, MD	Cartilage Replacement in 1st MTP Arthritis
16:16 - 16:24	Speaker AFFAS	Xiangyang Xu, MD	A New Minimally Invasive Method for Anatomic Reconstruction of the Lateral Ankle Ligaments
16:24 - 16:32	Speaker EFAS	Andy Goldberg, MD	Examples for New Procedures that Never Became Evident
16:32 - 16:40	Guest speaker	William McGarvey, MD	Examples for New Procedures that Became Evident
16:40 - 16:46	Free paper 172	Tiago Baumfeld, MD	Synthetic ligamentplasty has similar results to classic transarticular screws in a lisfranc cadaveric model
16:46 - 16:52	Free paper 495	Yuki Tochigi, MD	A novel endoscopic subtalar ligament reinforcement technique for forestalling residual hindfoot instability following scar debridement in sinus tarsi syndrome
16:52 - 16:58	Free paper 639		A novel technique for moderate hallux valgus correction: The bc osteotomy.
16:58 - 17:30	Discussion		

Free Papers			
Moderator 1		Diego Zanolli, MD	
Moderator 2		Eduardo Fuentes, MD	
17:30 - 17:36	Free paper 301	Moses Lee, MD	metal artifact reduction sequence (mars) mri for the evaluation of total ankle arthroplasty: a cadaveric study
17:36 - 17:42	Free paper 115	David Pedowitz, MD	Short-term outcomes and complications of the cadence total ankle arthroplasty at 2 year follow-up
17:42 - 17:48	Free paper 289	Timothy Daniels, MD	Two-year outcomes of total ankle replacement with the cadence total ankle replacement system
17:48 - 17:54	Free paper 87	Roman Susdorf, MD	Total ankle replacement: what are the reasons for revision?
17:54 - 18:00	Free paper 443	Yui Akiyama, MD	Clinical outcomes of total ankle arthroplasty with total talar prosthesis
18:00 - 18:06	Free paper 492	Jungtae Ahn, MD	Comparison of total ankle arthroplasty and ankle arthrodesis in end-stage haemophilic arthropathy of the ankle: Retrospective study of 29 case
18:06 - 18:12	Free paper 498	Hiroaki Kurokawa, MD	Effect of preoperative femorotibial angle (FTA) on postoperative outcomes of total ankle arthroplasty (TAA)
18:12 - 18:18	Free paper 510	Nicolò Martinelli, MD	In vivo kinematics of the total metal total ankle arthroplasty with trans-fibular approach
18:18 - 18:24	Free paper 526	Georg Hauer, MD	Survival rate of total ankle arthroplasty: A comparative analysis of clinical studies and national arthroplasty registers
18:24 - 18:30	Free paper 479	Scott Ellis, MD	Position of the tibial nerve in patients indicated for total ankle arthroplasty
18:30 - 18:50	Discussion		
20:00	Award Ceremony		

Free Papers			
Moderator 1		Francisco Rondon, MD	
Moderator 2		Gabriel Khazen, MD	
17:30 - 17:36	Free paper 316	Kelly Stefani, MD	Relationship between polymorphism of receptor p2x7 and bone mineral density: A study on elderly patients with ankle fractures
17:36 - 17:42	Free paper 334	David Shepherd, MD	Syndesmotic stabilisation with tightrope and internal brace? Technique and clinical outcomes
17:42 - 17:48	Free paper 140	Christopher Kreulen, MD	A prospective, randomized investigation of syndesmosis injury fixation
17:48 - 17:54	Free paper 308	Edward Haupt, MD	Validation of the center-center technique for intraoperative syndesmosis fixation
17:54 - 18:00	Free paper 280	Akaradech Pitakveerakul, MD	Radiographic parameters in gravity stress view of the ankle: Normative data
18:00 - 18:06	Free paper 497	Chamnanni Rungprai, MD	Comparison of syndesmotic malreduction rate following trans-syndesmotic screw fixation in ser versus per type ankle fracture: A prospective analytic study
18:06 - 18:12	Free paper 542	Nacime Mansur, MD	Computed tomography in ankle fractures: Modify diagnostic, conduct and surgical planning
18:12 - 18:18	Free paper 543	Joaquin Palma, MD	A new intraoperative measurement that predicts ankle syndesmotic joint malreduction
18:18 - 18:24	Free paper 634	Kar Hao Teoh, MD	Is it safe to weightbear a tibia-pro-fibula construct early when used in treating unstable osteoporotic bimalleolar ankle fractures: A biomechanical study?
18:24 - 18:30	Free paper 528	David Paglia, MD	The effect of topical vancomycin in diabetic fracture healing
18:30 - 18:50	Discussion		

Saturday

Auditorium A

Tendon Problems			
Moderator 1		Joao Carvalho Neto, MD	
Moderator 2		Gaston Slulitel, MD	
07:00 - 07:08	Speaker FLAMECIPP	Roberto Zambelli, MD	Evaluating functional results after repair of Achilles tendon injuries : which tools should we use and why
07:08 - 07:16	Speaker NAFFAS	Mark Glazebrook, MD	Achilles Tendon Ruptures: Evidence-Based Care
07:16 - 07:24	Speaker AFFAS	Toshito Yasuda, MD	Surgical treatment for chronic Achilles tendon rupture
07:24 - 07:32	Speaker EFAS	Yves Tourne, MD	Evidence-Based Treatment of Achillodynia
07:32 - 07:40	Guest speaker	Selene Parekh, MD	Peroneal Tendon Disorders
07:40 - 07:46	Free paper 505	Alberto Bianchi, MD	Transtendinous approach calcaneoplasty versus endoscopic calcaneoplasty for insertional achilles tendinopathy
07:46 - 07:52	Free paper 525	Juan Sebastian Herrera Rodriguez, MD	Anatomic and cadaveric evaluation of the tenoscopy portals for the posterior tibial tendon and spring ligament, and arthroscopy of the talonavicular articulation
07:52 - 07:58	Free paper 539	Joaquin Palma, MD	Are patients presenting with an achilles tendon rupture at greater risk of rupturing their contralateral tendon? A retrospective cohort study with minimum 2-years follow-up
07:58 - 08:30	Discussion		

Auditorium B

Infections in Foot and Ankle			
Moderator 1			
Moderator 2		Jorge Filippi, MD	
07:00 - 07:08	Speaker FLAMECIPP	Ana King, MD	VAC in acute diabetic foot
07:08 - 07:16	Speaker NAFFAS	James DeOrio, MD	Management of Infected Total Ankle Replacement
07:16 - 07:24	Speaker AFFAS	Ki Sun Sung, MD	Pitfalls in dignosis and managementof foot and ankle infection including tuberculosis
07:24 - 07:32	Speaker EFAS	Matthias Walcher, MD	Management of Infections after reconstructive surgery
07:32 - 07:40	Guest speaker	Mandeep Dhillon, MD	Evidence in Surgical Treatment of Foot Infections
07:40 - 07:46	Free paper 91	Andrew Wines, MD	Comparison of topical skin adhesive and simple interrupted nylon sutures for wound closure in forefoot surgery:a prospective randomised controlled trial
07:46 - 07:52	Free paper 204	Gerardo Ledermann, MD	A novel intraoperative technique seeding morselized bone tissue into pediatric blood culture bottles improves microbiological diagnosis in patients with foot and ankle osteomyelitis
07:52 - 08:30	Discussion		

Basic science			
Moderator 1		Jirun Apinun, MD	
Moderator 2		Jin Woo Lee, MD	
08:30 - 08:38	Speaker FLAMECIPP	Tania Szejnfeld, MD	The impact of low Vitamin D affecting bone healing
08:38 - 08:46	Speaker NAFFAS	Sheldon Lin, MD	What It Takes for Bone Healing – New Adjuncts
08:46 - 08:54	Speaker AFFAS	Christopher J. Pearce, MD	Pathophysiology of Achilles Tendinopathy
08:54 - 09:02	Speaker EFAS	Claudio Balvedere, MD	Biomechanics of Total Ankle Replacement
09:02 - 09:10	Guest speaker	Charles Saltzman, MD	Examples for Clinical Relevance of Basic Science
09:10 - 09:16	Free paper 203	Miki Dalmau-Pastor, PhD	ATFL'S superior fascicle controls ankle internal rotation while its inferior fascicle controls talar anterior translation: a biomechanical study
09:16 - 09:22	Free paper 632	Jaeyoung Kim, MD	Correlation analysis between cortical bone thickness of tibia and fibular in simple radiographs and bone mineral density from DXA scan
09:22 - 10:00	Discussion		

10:00 - 10:30	Coffee Break		
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Foot Fracture Complications			
Moderator 1		Stefan Rammelt, MD	
Moderator 2		Thomas Lee, MD	
10:30 - 10:38	Speaker FLAMECIPP	Christian Bastías, MD	Treatment of non union and malunited talus fracture
10:38 - 10:46	Speaker NAFFAS	Markus Knupp, MD	Hindfoot Reconstruction After Tala AVN
10:46 - 10:54	Speaker AFFAS	Hyung Jin Chung, MD	Treatment of Midfoot & Forefoot Fracture Complications
10:54 - 11:02	Speaker EFAS	Sabine Ochman, MD	Treatment of Malunited Calcaneal Fractures
11:02 - 11:10	Guest speaker	Bavornrit Chuckpaiwong, MD	Treatment of Neglected Navicular Fractures
11:10 - 11:16	Free paper 376	Yuan Zhu, MD	Transfibular approach in treating malunited ankle fracture
11:16 - 11:22	Free paper 469	Jon Y. Kwon, MD	Soft tissue structures at risk with posterior-to-anterior screw fixation of the posterior malleolus fracture
11:22 - 11:28	Free paper 524	Akira Taniguchi, MD	Does the change of arch height by weight-bearing associate with the incidence of jones fracture?
11:28 - 12:00	Discussion		

Calcaneal and Talar Fractures			
Moderator 1		Christopher Kreulen, MD	
Moderator 2		Marcos Sakaki, MD	
08:30 - 08:38	Speaker FLAMECIPP	Gerardo Muñoz, MD	Arthroscopic assistance in talar body fracture: no more malleolar osteotomies
08:38 - 08:46	Speaker NAFFAS	John Kwon, MD	Evolution of Treatment of Calcaneal Fractures in the U.S.
08:46 - 08:54	Speaker AFFAS	Xudong Miao, MD	Progress on minimally invasive treatment for calcaneal fracture
08:54 - 09:02	Speaker EFAS	Johnny Frøkjær, MD	Treatment of Talar Neck Fractures
09:02 - 09:10	Guest speaker	Stefan Rammelt, MD	Actual Evidence for Calcaneal Fracture Treatment
09:10 - 09:16	Free paper 335	Gonzalo Bastias, MD	Intramedullary fibular fixation in patients with distal tibia and pilon fractures
09:16 - 09:22	Free paper 374	Masanori Taki, MD	A comparison between internal fixation and arthroscopic resection for painful secondary ossification center of the medial malleolus in athletes
09:22 - 10:00	Discussion		

10:00 - 10:30	Coffee Break		
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Ankle Instability			
Moderator 1		Selene Parekh, MD	
Moderator 2		Woo Chun Lee, MD	
10:30 - 10:38	Speaker FLAMECIPP	Sergio Abello, MD	Arthroscopic Brostrom : 10 years follow up
10:38 - 10:46	Speaker NAFFAS	Johnny Lau, MD	Medial Ankle Instability
10:46 - 10:54	Speaker AFFAS	Satoshi Yamaguchi, MD	Actual functional anatomy of the ankle ligaments
10:54 - 11:02	Speaker EFAS	Thanos Badekas, MD	Different Options for Lateral Ligament Reconstruction
11:02 - 11:10	Guest speaker	Bruce Cohen, MD	Evidence for the Treatment of Ankle Instability
11:10 - 11:16	Free paper 305	Carlos Villarroel, MD	Functional evaluation between patients operated for ankle instability with a lateral vs lateral-medial reconstruction
11:16 - 11:22	Free paper 529	Heui-chul Gwak, MD	Comparison of an open modified brostrom operation with and without an internal brace in chronic ankle instability
11:22 - 11:28	Free paper 637	Giovanni Carcuro, MD	Artrobrostrom knotless: Modified surgical technique for ankle instability
11:28 - 12:00	Discussion		

12:00 - 14:00	Workshop - Lunch
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Weight-bearing CT			
Moderator 1		Charles Saltzman, MD	
Moderator 2		Yasuhiro Tanaka, MD	
14:00 - 14:08	Speaker FLAMECIPP	Cesar de Netto, MD	WBCT in Flatfoot Deformity
14:08 - 14:16	Speaker NAFFAS	Alexej Barg, MD	WBCT in Syndesmotom Injuries
14:16 - 14:24	Speaker AFFAS	Woo Chun Lee, MD	The role of WBCT in lower limb alignment
14:24 - 14:32	Speaker EFAS	Francois Lintz, MD	WBCT for Hindfoot Alinment
14:32 - 14:40	Guest speaker	Martinus Richter, MD	Evidence for WBCT
14:40 - 14:46	Free paper 6	Martinus Richter, MD	Results of more than 17,000 scans with Weightbearing CT - Impact on costs, radiation exposure, and procedure time
14:46 - 14:52	Free paper 48	Woo-chun Lee, MD	Characteristics of medial gutter ankle arthritis on weight-bearing CT and plain radiograph
14:52 - 14:58	Free paper 447	Daniel Farber, MD	The role of weight-bearing computed tomography scan in hallux valgus
14:58 - 15:30	Discussion		

15:30 - 16:00	Coffee Break
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12:00 - 14:00	Workshop - Lunch
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Treatment Charcot Arthropathy			
Moderator 1		Bavornrit Chuckpaiwong, MD	
Moderator 2		Bruce Cohen, MD	
14:00 - 14:08	Speaker FLAMECIPP	Noe De Marchi Neto, MD	Reconstructive surgery for Charcot Arthropathy
14:08 - 14:16	Speaker NAFFAS	Samuel Adams, MD	3D Printed Cages for Deformity Correction
14:16 - 14:24	Speaker AFFAS	Emiliano Tablante, MD	Diabetes/Charcot management in third world country
14:24 - 14:32	Speaker EFAS	Oliver Michelssen, MD	Management of Deformities in Charcot Arthropathy
14:32 - 14:40	Guest speaker	Christopher Kreulen MD	Evidence in Surgical Treatment in Charcot Arthropathy
14:40 - 14:46	Free paper 144	Juan Manuel Rio Ruh, MD	Diabetic ankle fracture complications: A meta-analysis
14:46 - 14:52	Free paper 371	Brian Martin, MD	Early results of a novel technique with intraosseous antibiotic loaded bone substitute in diabetic foot osteomyelitis
14:52 - 14:58	Free paper 518	Trapper Lalli, MD	Beaming screw midfoot charcot reconstruction with and without subtalar arthrodesis
14:58 - 15:30	Discussion		

15:30 - 16:00	Coffee Break
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Free Papers			
Moderator 1		Diego Zanolli, MD	
Moderator 2		Leonardo Lagos, MD	
16:00-16:06	Free paper 50	Woo-chun Lee, MD	Joint preservation surgery using tibialis posterior tendon transfer in varus ankle arthritis with large talar tilt
16:06-16:12	Free paper 530	Yasunari Ikuta, MD	Histopathological and radiographic features of the postoperative osteolysis surrounding the poly-l-lactic acid pin after the fixation of the osteochondral fragment for osteochondral lesion of the talus
16:12-16:18	Free paper 360	Riccardo Dambrosi, MD	We are not still ready for metal: 5-year clinical and radiological outcomes with all arthroscopic autologous matrix-induced chondrogenesis (at-amic) for the treatment of osteochondral talar defects
16:18-16:24	Free paper 377	Yuan Zhu, MD	osteochondral autograft transfer combined with periarticular osteotomy for the treatment of osteochondral defect of the talus in varus ankle
16:24-16:30	Free paper 483	Hyuck Sung Son, MD	Correlation of clinical outcomes and presence and severity of bone marrow edema after arthroscopic microfracture for osteochondral lesion of the talus
16:30-16:36	Free paper 32	Jong-kil Kim, MD	Effect of bone morphogenetic protein-2 with microfracture on osteochondral defect in a rabbits talus
16:36-16:42	Free paper 3	Martinus Richter, MD	Comparison matrix-associated stem cell transplantation (mast) with autologous matrix induced chondrogenesis plus peripheral blood concentrate (amic+pbcc) in chondral lesions at the ankle - a clinical matched-patient analysis
16:42-16:48	Free paper 2	Martinus Richter, MD	Total joint replacement of the first metatarsophalangeal joint with roto-glide as alternative to arthrodesis
16:48-16:54	Free paper 7	Martinus Richter, MD	EFAS score? Multilingual development and validation of a patient-reported outcome measure (prom) by the score committee of the European Foot and Ankle Society
16:54 - 17:15	Discussion		
17:15-17:30	Closing Remarks		

Free Papers			
Moderator 1		Francisco Rondón, MD	
Moderator 2		Gabriel Khazen, MD	
16:00-16:06	Free paper 315	Yantarat Sripanich, MD	Imaging in lisfranc injury: A systematic literature review
16:06-16:12	Free paper 485	Yantarat Sripanich, MD	Change in the C1-M2 distance after simulated purely ligamentous lisfranc injury as evaluated by weightbearing CT scans: A match-paired cadaveric study
16:12-16:18	Free paper 486	Yoshiharu Shimozono, MD	Early outcomes and complications of polyvinyl alcohol hydrogel implant for hallux rigidus
16:18-16:24	Free paper 141	Christopher Kreulen, MD	Biomechanical evaluation of an augmented medial capsular repair for hallux valgus
16:24-16:30	Free paper 646	Felipe Chaparro, MD	Anatomy of flexor hallucis longus and its relationship with hallux valgus. A cadaveric study
16:30-16:36	Free paper 519	Roberto Zambelli De Almeida Pinto, MD	Functional and quality of life assessment of patients with ankle ulcers subjected to complete achilles tendon resection
16:36-16:42	Free paper 302	Gemma González-lucena, MD	Validity of the spanish manchester-oxford foot questionnaire in patients with forefoot surgery
16:42-16:48	Free paper 339	Philip Frazer, MD	Trends in international foot and ankle research: A bibliometric analysis of four major journals
17:00-17:20	Discussion		
17:15-17:30	Closing Remarks		