Dear Colleagues,

On behalf of the European Hip Society, it is our pleasure to welcome you to the 8th Masterclass in Arthroplasty Surgery Thessaloniki, from 17th - 19th December 2021. This year the event will run as an Ortho Olympics with the topic: Advances in Arthroplasty: What’s new in complex adult reconstruction & robotic technologies?

Our distinguished colleagues from USA, South America and Japan will kick off the cyber lectures on Day 1 and our expert European surgeons will compete on Day 2, encouraging an Ortho Olympic atmosphere with lively debate to find the winning continent. Day 3 will conclude with live video surgery and case presentations focused on complex primary, arthroplasty revision hip and revision knee from our national experts of the Hellenic Hip and Knee Society.

All distinguished teams will present both data as well as video surgeries and time will be dedicated to discussion between the experts. The course will be intense and insightful as always, and we are proud to announce the first Larry Dorr Gold Medal Award in memory of our esteemed colleague and legend of hip surgery worldwide, presented by Prof. John Callaghan.

As always, our primary aim is to technically educate orthopaedic specialists to gain an invaluable insight into joint arthroplasty and revision from the world leaders.

Best regards,

Eleftherios Tsiridis
MAST President
EHS President Elect
President Hellenic Hip and Knee Society

Jean-Alain Epinette
EHS Past President
Scientific Committee

Matthew Abdel
Stanislav Bondarenko
Jean-Alain Epinette
Panos Gikas
Efstathios Kenanidis
Athanasios Kostakos
Javad Parvizi
Oliver Marin-Peña
B. Willem Schreurs
Ran Schwarzkopf
Fritz Thorey
Rashid Tikhilov
A. Mazhar Tokgözoğlu
Eleftherios Tsiridis
Anchormen - Experts Panel

**Chairman:**

**Eleftherios Tsiridis, MD, PhD**

**Experts Panel**

**Vasilios Bitounis, MD, PhD**

**Georgios Drosos, MD, PhD**

**Jean-Alain Epinette, MD, PhD**

**Theofilos Karachalios, MD, PhD**
Scientific Program

Friday, December 17th 2021

13:00-13:30

BRIGHAM AND WOMEN’S HOSPITAL
HARVARD MEDICAL SCHOOL
Boston MA time 07:00-07:30

Data behind Robotic Total Hip Arthroplasty
Antonia Chen

Video: Robotic Total Hip Arthroplasty Demonstration
Jeff Lange

13:30-14:00

QUEEN MARY HOSPITAL
HONG KONG
Hong Kong time 20:30-21:00

Data: Vitamin D & perioperative outcomes
Lewis P.K. Chan

Video: Patient-specific 3D printing Technology makes Difficult Arthroplasty Easy
Vincent Chan

Data: 1-stage revision for Peri-prosthetic Joint Infection - Asian Perspectives
Tao Li

14:00-14:30

ORTHOCAROLINA HIP AND KNEE CENTER
NC
NC time 08:00-08:30

Data: Increased rates of acute kidney injury in two-stage compared with one stage exchange for PJI: results from a prospective randomized controlled trial
Jesse Otero, Michael Valenzuela

Video: How to perform a successful 1-stage exchange: The OrthoCarolina method
Ben Wooster
Friday, December 17th 2021

Scientific Program

14:30-15:00

**CHEF (CEMENTED HIP EDUCATION FOUNDATION), KYOTO BRANCH (HF) AND HAMAMATSU BRANCH (TI) JAPAN**

*Japan time 22:30-23:00*

Data: Bilateral Crowe 4

**Hiroshi Fujita**

Video: Acetabular reconstruction with impaction bone grafting for primary THA

**Tosiki Iwase**

15:00-15:15

**Coffee break**

15:15-15:45

**NYU LANGONE HEALTH ORTHOPAEDIC HOSPITAL**

*NY time 09:15-09:45*

Data: Monoblock tapered stems for complex femoral reconstruction

**Ran Schwarzkopf**

Video: Complex Acetabular reconstruction with cup in cup technique

**Morteza Meftah, Ran Schwarzkopf**

15:45-16:15

**ROTHMAN ORTHOPAEDIC INSTITUTE**

*Philadelphia time 09:45-10:15*

Data: Diagnosis of PJI: What is New

**Javad Parvizi**

Video: THA performed through direct anterior approach

**Javad Parvizi**
Friday, December 17th 2021

Scientific Program

16:15-16:45

**MAYO CLINIC MINNESOTA**

*Minnesota time 09:15-09:45*

Data: Cones, Sleeves and Stems: How to Manage Bone Loss and Optimize Fixation

**Daniel Berry**

Video: Extensor Mechanism Disruptions: A Synthetic Mesh Reconstruction

**Matthew Abdel**

16:45-17:15

**HOSPITAL FOR SPECIAL SURGERY NY**

*NY time 10:45-11:15*

Video: Complex Knee revision with augments and cones

**Peter Sculco**

Data: Paper eccentric reaming using offset reamers

**Peter Sculco**

17:15-17:30

**Coffee break**

17:30-18:00

**RUSH UNIVERSITY MEDICAL CENTER CHICAGO**

*Chicago time 10:30-11:00*

Data: Outpatient Hip and Knee Arthroplasty

**Craig Della Valle**

Video: Managing a Complex Varus Knee

**Craig Della Valle**
Scientific Program

Friday, December 17th 2021

18:00-18:30  ITALIAN HOSPITAL IN BUENOS AIRES ARGENTINA
Argentina time 14:00-14:30

Data: 10 year results with a short stem with cervicomethaphyseal fixation
Martin Buttaro

Video: Custom made 3D acetabular implants in complex revision
THA: surgical technique
Martin Buttaro

18:30-19:00  DUKE UNIVERSITY
NC time 12:30-13:00

Data: MSIS metanalysis: Single vs. Multiple Doses of Prophylatic Antibiotics in Arthroplasty Surgery
Ryan Sean

Video: Use of the tibial tubercle osteotomy in the complex stiff primary and revision arthroplasty
William Jiranek

19:00-19:30  SATELLITE LECTURE
Please see page 23

19:30-19:45  Break
Friday, December 17th 2021

**INSTITUTE FOR LOCOMOTION, AIX-MARSEILLE UNIVERSITY**  
*FRANCE*  
*France time 19:45-20:15*

Data: The rising concern of obesity in Hip & Knee Arthroplasty  
**Jean Noël Argenson**

Video: A stepwise algorithm to gain exposure in revision Total Knee Arthroplasty  
**Maxime Fabre-Aubrespy**

**JIS ORTHOPEDICS MEDICAL CENTER, NEW ALBANY**  
*OHIO*  
*Ohio time 14:15-14:45*

Data: Lessons Learned from 12,000 Outpatient Total Joint Arthroplasties  
**Adolph V. Lombardi**

Video: Revision of a failed Unicompartmental Knee Arthroplasty in an Outpatient Setting  
**Adolph V. Lombardi**
Saturday, December 18th 2021

Scientific Program

**CET time**

**09:00-09:30**  
**HOSPITAL UNIVERSITARIO DEXEUS**  
**SPAIN**  
*Spain time 09:00-09:30*

Data: Practical recommendations to avoid complications in your first 30 Hip Arthroscopies  
**Oliver Marin-Peña**

Video: Surgical management of a Massive Prominent Antero-inferior Iliac Spine in weightlifting athlete  
**Oliver Marin-Peña**

**09:30-10:00**  
Data: Periacetabular osteotomy in mild dysplastic patients: global and personal experience  
**Manuel Fernández Ribas**

Video: Dual Mobility Total Hip Arthroplasty implantation by means minimal invasive tissue sparing Direct Superior Approach  
**Vittorio Bellotti**

**10:00-10:30**  
**FONDAZIONE POLIAMBULANZA, BRESCIA**  
**ITALY**  
*Italy time 10:00-10:30*

Data: From mechanical navigation to robotic optimization of the limb alignment in TKR: an exciting pathway  
**Francesco Benazzo**

Video: Hip replacement in severe DDH: the advantages of a bi-conical, modular stem  
**Loris Perticarini**
### Scientific Program

**Saturday, December 18th 2021**

**CET time**

**10:30-11:00**

**LYON NORTH UNIVERSITY HOSPITAL & CROIX ROUSSE HOSPITAL**

**FRANCE**

*France time 10:30-11:00*

- **Data:** Preop 3D imaging and Artificial Intelligence in TKA
  - **Sebastian Lustig**

- **Video:** Management of patellar instability in revision TKA
  - **Cécile Batailler**

**11:00-11:15**

**Coffee break**

**11:15-11:45**

**INTERNATIONAL CENTER FOR ORTHOPEDICS ATOS HOSPITAL & ST. JOSEFS KRANKENHAUS**

**GERMANY**

*Germany time 11:15-11:45*

- **Data:** Robotics in modern Total Hip Replacement
  - **Fritz Thorey**

- **Video:** Robotic assisted MIS Total Hip Replacement
  - **Marco Ezechiel**

**11:45-12:15**

**RADBOUD MEDICAL CENTRE**

**NETHERLANDS**

*Netherlands time 11:45-12:15*

- **Data:** Long-term results of femoral component revision with impaction bone-grafting and a cemented stem: twenty year data of 208 revisions
  - **B. Willem Schreurs**

- **Video:** Technique of acetabular reconstruction using a custommade 3D printed implant
  - **Wim Rijnen**
### Saturday, December 18th 2021

**Scientific Program**

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<th>Time</th>
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| 12:15-12:45| Imperial College London, United Kingdom        | *Data: Instability and arthrosis: combined bi-unii and acl reconstruction for the worn out athlete as an alternative to Total Knee Arthroplasty*  
**Justin Cobb**  
*Video: Anatomic ceramic hip resurfacing with PSI guides: video presentation and functional outcome using gait analysis*  
**Rima Nasser** |
| 12:45-13:15| R.R. Vreden Russian Research Institute of Traumatology and Orthopaedics, Russia  
*Russia time 14:45-15:15* | *Data: THA for arthritis following complex acetabular fracture*  
**Rashid Tikhilov**  
*Video: THA in High Hip dislocation*  
**Igor Shubnyakov** |
| 13:15-13:45| Break                                         |                                                                                           |
| 13:45-14:15| Valdoltra Orthopedic Hospital, Slovenia       | *Data: Mid-term results of abductor mechanism insufficiency after THA with local muscle transfer?*  
**Rihard Trebše**  
*Video: IT aided PAO with a difficult case presentation*  
**Rene Mihalič** |
Saturday, December 18th 2021

Scientific Program

14:15-14:45  HOSPITAL CUF DESCOPERTAS AND HOSPITAL CURRY CABRAL  
PORTUGAL  
Portugal time 13:15-13:45

Data: Arthroscopic treatment of tumor-like lesions of the hip
Pedro Dantas

Video: The clamshell osteotomy: technique to correct complex diaphyseal Malunions
Sérgio Gonçalves

14:45-15:15  HACETTEPE UNIVERSITY FACULTY OF MEDICINE  
TURKEY  
Turkey time 16:45-17:15

Data: Re-revision of the hip
A. Mazhar Tokgözoğlu

Video: Complex re-revision of knee
A. Mazhar Tokgözoğlu

15:15-15:45  SYTENKO INSTITUTE OF SPINE AND JOINT PATHOLOGY  
UKRAINE  
Ukraine time 16:15-16:45

Video: THA at congenital dislocation of the hip after Shanz-Illizarov hip reconstruction osteotomy
Stanislav Bondarenko

Data: Primary Total Knee Arthroplasty in patients with severe varus/valgus deformity
Ahmed Amine Badnaoui
Saturday, December 18th 2021

Scientific Program

15:45-16:15  
**STANFORD CALIFORNIA**
**California time 06:45-07:15**

Data: Update on the American Joint Replacement Registry  
James Huddleston

Video: Exposure in Revision TKA  
James Huddleston

16:15-16:30  
**Coffee break**

16:30-17:30  
**SATellite SYmposium**
*Please see page 24*
Saturday, December 18th 2021

Scientific Program

17:30-18:30  LARRY DORR AWARD

Obituary by Prof. Eleftherios Tsiridis,
Professor and Chairman of Orthopaedic Surgery, AUTH Medical School, Thessaloniki, Hellas, President EHS Elect

Brief Statement by Mrs Marilyn Dorr

Award Presentation by Prof. John J. Callaghan,
Lawrence and Marilyn Dorr Chair Emeritus and Professor Emeritus of the Department of Orthopaedics and Biomedical Engineering, University of Iowa

LARRY DORR AWARD SCIENTIFIC COMMITTEE

Dr. Jean-Alain Epinette
Dr. Eleftherios Tsiridis
Dr. B. Willem Schreurs
Dr. Vasilios Bitounis
Dr. Theofilos Karachalios

18:30-19:30  SATELLITE SYMPOSIUM

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HELLENIC HIP AND KNEE SOCIETY

08:00-08:30
1ST ORTHOPAEDIC DEPARTMENT, G. GENNIMATAS GENERAL HOSPITAL
ATHENS
Greece time 09:00-09:30

Data: Acetabular reconstruction with bone impaction grafting and a cemented cup. Presentation of the experience and results of our clinic
George Kyriakopoulos

Video: Presentation of two hip and knee revision cases with large bone defects treated with oncological prosthesis
Konstantinos Kateros

08:30-09:00
3RD ACADEMIC ORTHOPAEDIC DEPARTMENT, KAT HOSPITAL
NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
Greece time 09:30-10:00

Data: Implant sonication in the diagnosis and treatment of periprosthetic infections
Spyridon Pneumatikos

Video: Primary THA for high DDH: a simple approach to a complex problem
John Vlamis

09:00-09:30
4TH ORTHOPAEDIC DEPARTMENT, KAT HOSPITAL ATHENS
Greece time 10:00-10:30

Data: THA for acetabular wall fracture, our experience. Technical considerations, literature review
Panagiotis Tsailas

Video: The surgical technique for a high congenital dislocation case with shortening osteotomy
Georgios Macheras
CET time

09:30-10:00  ACADEMIC ORTHOPAEDIC DEPARTMENT, GENERAL HOSPITAL OF PATRAS UNIVERSITY OF PATRAS
Greece time 10:30-11:00

Data: Comparison of two different design metaphyseal fitting short stems in total hip arthroplasty: experimental testing and short-term clinical outcomes
Irini Tatani

Video: A challenge hip arthroplasty revision in intrapelvic cup migration
Panagiotis Megas

10:00-10:15  Coffee break

10:15-10:45 2ND ACADEMIC ORTHOPAEDIC DEPARTMENT, KONSTANTOPOULEIO GENERAL HOSPITAL NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
Greece time 11:15-11:45

Data: Diagnosis of periprosthetic joint infections after total hip or knee arthroplasty: Comparison of classic conventional methods with next-generation sequencing
Emmanouil Avramidis

Video: Vanishing bone disease of the pelvis requiring a total hip replacement. A challenging case
Vasileios Nikolaou

10:45-11:15  ATHENS MEDICAL GROUP
ATHENS
Greece time 11:45-12:15

Data: Oncological prostheses for major hip revision
Vasileios Kontogeorgakos

Video: Omega approach
Vasilios Bitounis
CET time

11:15-11:45  
1ST ACADEMIC ORTHOPAEDIC DEPARTMENT, ATTIKON GENERAL HOSPITAL  
NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS  
Greece time 12:15-12:45

Data: Expandable Implants for Hip and Knee Reconstruction in children and young adults  
Panayiotis J. Papageopoulos

Video: 3D Custom-made Implants for Lower Limb Salvage Surgery  
Panayiotis J. Papageopoulos

11:45-12:15  
2ND ORTHOPAEDIC DEPARTMENT, G. GENNIMATAS GENERAL HOSPITAL  
ATHENS  
Greece time 12:45-13:15

Data: TKR in Cases of Severe Valgus - Knee Deformity  
Nikolaos Zacharakis

Video: Case Presentation: Cup-Cage Technique for Severe Acetabular Deficiencies  
Haridimos Tsibidakis

12:15-12:30  
Break

12:30-13:00  
2ND ORTHOPAEDIC DEPARTMENT, KAT HOSPITAL  
ATHENS  
Greece time 13:30-14:00

Data: Congenital Dislocation of the Hip  
Dimitrios Pallis

Video: Case Presentation: THR following multiple surgeries in a 56-years old woman with Congenital Dislocation of the Hip  
Stamatos Papadakis, Georgios Macheras
Scientific Program

Sunday, December 19th 2021

CET time

13:00-13:30

ACADEMIC ORTHOPAEDIC DEPARTMENT, GENERAL HOSPITAL OF ALEXANDROUPOLIS
DEMOCRITUS UNIVERSITY OF THRACE

Greece time 14:00-14:30

Data: Recent data from Academic Orhopaedic Department of Alexandroupolis
Konstantinos Tilkeridis

Video: Videosurgery «THR-TKR revision surgery»
Georgios Drosos

13:30-14:00

ACADEMIC ORTHOPAEDIC DEPARTMENT, GENERAL HOSPITAL OF LARISSA
UNIVERSITY OF THESSALY

Greece time 14:30-15:00

Data: Individualised TKA
Theofilos Karachalios

Video: Augmented reality in TKA
Theofilos Karachalios
Sunday, December 19th 2021

Scientific Program

14:00-15:15

3RD ACADEMIC ORTHOPAEDIC DEPARTMENT,
PAPAGEORGIOU HOSPITAL
ARISTOTLE UNIVERSITY OF THESSALONIKI
Greece time 15:00-16:15

Data: Same day Bilateral TKA: Whom, When and How?
Lazaros Poultsides

Video: Star approach the new piriformis preserving minipoanterior approach
Eleftherios Tsiridis

Data: Short cemented Exeter stems for hip dysplasia: survival and PROMS at 10 years follow up
Efstathios Kenanidis

Video: Megaprothesis for re-revision hip arthroplasty
Panos Gikas
Satellite Symposiums
Satellite Lectures
19:00-19:30  SATELLITE LECTURE

Chair: Eleftherios Tsiridis

Postoperative Pain Management: Current concepts
Efstathios Kenanidis

*Sponsored by* [Menarini Hellas]
Saturday, December 18th 2021

**Satellite Symposiums**

**SATELLITE SYMPOSIUM**

**Persona®: the maturity of a personalized knee system**

**16:30**

Description of the system

_Eleftherios Tsiridis_

**16:38**

Clinical data at 9 years

_Francesco Benazzo_

The COBOTIC surgery: ROSA® knee system

**16:46**

What it is, what it does: philosophy and ethics of the robotic surgery

_Francesco Benazzo_

**16:54**

Relive surgery

_Eleftherios Tsiridis_

Telerehabilitation today: hype or hope? mymobility®

**17:04**

Description of the tool

_Eleftherios Tsiridis_

**17:14**

Clinical data

_Francesco Benazzo_

**17:22**

Discussion

**17:30**

Course closure

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**SATELLITE SYMPOSIUM**

CONTINUUM CARE FROM PRIMARY TO REVISION AND SINGLE RADIUS

**Faculty**

_Christina Stukenborg-Colsman_

_Eleftherios Tsiridis_

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**A**

Abdel Matthew  
Andrew A. and Mary S. Sugg Professor of Orthopedic Surgery, Consultant, Division of Hip and Knee Reconstruction, Mayo Clinic, Rochester, MN, USA

Argenson Jean Noel  
Professor and Chairman of Orthopedic Surgery, Medical Director of the Institute for Locomotion, Marseille University Hôpital, France

Avramidis Emmanouil  
Academic Fellow, Orthopaedic Surgeon, 2nd Orthopaedic Department, National and Kapodistrian University of Athens, Konstantopouleio General Hospital, Athens, Greece

**B**

Badnaoui Ahmed Amine  
Orthopaedic Surgeon, Department of Joint Pathology, Sytenko Institute of Spine and Joint Pathology, National Ukrainian Academy of Medical Sciences, Ukraine

Batailler Cécile  
Orthopaedic Surgeon, Croix Rousse Hospital, Hospices civils de Lyon, Lyon, France

Bellotti Vittorio  
Consultant Hip Surgeon, Hip Surgery Unit, ICATME - Hospital, Universitario Dexeus, Barcelona, Spain

Benazzo Francesco  
Professor of Orthopedics and Traumatology, Chairman, Chirurgia Protesica ad Indirizzo robotico Fondazione Poliambulanza, Brescia, Italy

Berry Daniel  
L.Z. Gund Professor of Orthopedic Surgery, Mayo Clinic, Rochester, MN, USA

**Bitounis Vasilios**  
M.D. Bristol, FRCS Ed-PhD Orthopaedic Surgery, Athens, Greece

**Bondarenko Stanislav**  
Associate Professor, Department of Joint Pathology, Sytenko Institute of Spine and Joint Pathology, National Ukrainian Academy of Medical Sciences, EHS Secretary General, SICOT National Delegate of Ukraine

**Buttarro Martin**  
Chief Surgeon, Hip Unit “Carlos E. Ottolenghi” Institute of Orthopedics and Traumatology, Associate Professor, School of Medicine, Board Member of CONICET, Institute of Translational Medicine and Biomedical Engineering (IMTIB), Italian Hospital in Buenos Aires, Argentina

**C**

Chan Lewis  
Division Chief, Associate Consultant, Division of Joint Replacement Surgery, Department of Orthopaedics and Traumatology, Queen Mary Hospital, Honorary Clinical Assistant Professor, Department of Orthopaedics and Traumatology, Li Ka Shing Faculty of Medicine, University of Hong Kong

Chan Vincent  
Resident Specialist, Department of Orthopaedics and Traumatology, Queen Mary Hospital, Hong Kong

Chen Antonia  
Associate Professor at Harvard Medical School, Director of Arthroplasty Research, Department of Orthopaedic Surgery, Brigham and Women’s Hospital, Boston MA, USA
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Cobb Justin
Chair in Orthopaedic Surgery, Imperial College London, UK

Dantas Pedro
Orthopaedic Surgeon, Hospital CUF Descobertas and Hospital Curry Cabral, Lisbon, Portugal

Della Valle Craig
Professor of Orthopaedic Surgery, Chief, Division of Adult Reconstructive Surgery, Rush University Medical Center, Chicago, USA

Drosos Georgios
Professor of Orthopaedics, Democritus University of Thrace, Director Academic Orthopaedic Department, University General Hospital of Alexandroupolis, Alexandroupolis, Greece

Ezechieli Marco
Assoc. Professor for Orthopaedics, Head for Orthopedic and Trauma Surgery, St. Josefs Krankenhaus, Salzkotten, Germany

Epinette Jean Alain
Past President of the European Hip Society, Orthopaedic Surgeon, Clinique Medico-Chirurgicale, Orthopaedic Department, Bruay Labuissière, France

Fabre-Aubrespy Maxime
Orthopaedic Surgeon, Institute for locomotion, Sainte Marguerite Hospital, Aix-Marseille University, Marseille, France

Fujita Hiroshi
Director of Center for Hip and Knee Arthroplasty, Rakuyo Hospital, Kyoto, Japan

Gikas Panos
Consultant Orthopaedic Surgeon, Royal National Orthopaedic Hospital, UK

Gonçalves Sérgio
Orthopedic Surgeon, Pelvic and Hip Subspeciality at Hospital CUF Descobertas and Centro Hospitalar Universitário de Lisboa Central, Lisbon, Portugal

Huddleston James
Professor and Division Director, Adult Reconstruction, Department of Orthopaedic Surgery, Stanford University Medical Center, California, USA

Iwase Toshiki
Orthopaedic Surgeon, Department of Orthopedic Surgery, Hip and Knee Reconstruction and Arthroplasty Center, Hamamatsu Medical Center, Hamamatsu, Japan

Jiranek William
Professor and Vice Chair of Orthopaedics, Duke University School of Medicine, NC, USA

Karachalios Theofilos
Professor of Orthopaedic Surgery, University General Hospital of Larissa, School of Health Sciences, Faculty of Medicine, University of Thessalia, Greece

Kateros Konstantinos
Consultant Orthopaedic Surgeon, Director of 1st Orthopaedic Department, G.Gennimatas General Hospital, Athens, Greece
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**Kenanidis Efstatios**  
Associate Lecturer of the Academic Orthopaedic Department, Papageorgiou General Hospital, Aristotle University of Thessaloniki, Greece

**Kontogeorgakos Vasileios**  
Associate Professor of Orthopaedic Surgery, National and Kapodistrian University of Athens, Greece

**Kyriakopoulos George**  
Consultant Orthopaedic Surgeon, General Hospital of Livadeia, Greece

**Lange Jeff**  
Associate Orthopaedic Surgeon, Brigham and Women’s Hospital, Assistant Professor, Harvard Medical School, Boston MA, USA

**Li Tao**  
Department of Joint Surgery, The Affiliated Hospital of Qingdao University, Hong Kong

**Lombardi Adolph**  
Assistant Professor of Orthopaedic Surgery, President of JIS Orthopaedics, Ohio State University, New Albany, Ohio, USA

**Lustig Sébastien**  
Orthopaedic Surgeon, Knee and Hip Arthroplasty Surgery, Chair of the Arthritis and Joint Replacement Department, Lyon North University Hospital - Hospices Civils de Lyon, Lyon - France

**M**  
**Macheras Georgios**  
Chief Orthopaedic Surgeon, KAT Hospital, Athens, Greece

**Marin-Peña Oliver**  
Senior Consultant Hip-Knee Section, Orthopedic and Traumatology Department, Hospital Universitario Infanta Leonor, Madrid, Spain

**Meftah Mort**  
Clinical Associate Professor, Department of Orthopaedic Surgery, NYU Grossman School of Medicine, NYU Langone Health Orthopaedic Hospital, NY, USA

**Megas Panagiotis**  
Professor of Orthopaedic Surgery, University of Patras, Greece

**Mihalić Rene**  
Orthopaedic Surgeon, Valdoltra Orthopaedic Hospital, Ankaran, Slovenia

**N**  
**Nasser Rima**  
Assistant Professor of Orthopaedic Surgery, Lebanese American University, MSK lab Imperial College of London, UK

**Nikolaou Vasileios**  
Associate Professor of Orthopaedics, National and Kapodistrian University of Athens, 2nd Academic Department of Orthopaedics, Konstantopouleio General Hospital, Athens, Greece
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**O**

**Otero Jesse**  
Orthopaedic Surgeon, OrthoCarolina Hip and Knee Center, Atrium Health, Musculoskeletal Institute, Charlotte, North Carolina, USA

**P**

**Pallis Dimitrios**  
Attending Orthopaedic Surgeon, 2nd Department of Orthopaedics, KAT General Hospital, Athens, Greece

**Papadakis Stamatios**  
Orthopaedic Surgeon - Traumatologist, Head of the 2nd Orthopaedic Department, KAT General Hospital of Athens, Greece

**Papagelopoulos Panayiotis**  
President, International Society of Limb Salvage (ISOLS), Professor and Chairman, 1st Department of Orthopedics, National and Kapodistrian University of Athens, Attikon University General Hospital, Athens, Greece

**Parvizi Javad**  
James Edwards Professor of Orthopedic Surgery, Jefferson Medical College, Thomas Jefferson University, Philadelphia, Vice Chairman of Research, Rothman Institute, Director, Clinical Research, Rothman Institute, Philadelphia, USA

**Perticarini Loris**  
Orthopaedic Surgeon, Unità di Chirurgia Robotica e Traumatologia dello Sport - Fondazione Poliambulanza, Brescia, Italy

**Pneumatikos Spyridon**  
Professor of Orthopaedic Surgery, National and Kapodistrian University of Athens, Chairman of the 3rd Department of Orthopaedic Surgery, KAT Hospital, Athens, Greece

**Poultsides Lazaros**  
Assistant Professor of Orthopaedic Surgery, Aristotle University of Thessaloniki, Greece

**R**

**Ribas Manuel Fernández**  
Orthopaedic Surgeon, Unit for Hip Surgery, Department of Orthopedics and Traumatology - ICATME Foundation, Barcelona, Spain

**Rijnen Wim**  
Orthopedic Surgeon, Radboud University Medical Center, Nijmegen, The Netherlands

**S**

**Schreurs Wim**  
Professor on behalf of the Dutch Arthroplasty Registry, Orthopedic Surgeon Radboud umc, Nijmegen, the Netherlands

**Schwarzkopf Ran**  
Professor of Orthopaedic Surgery, Associate Chief Division of Adult Reconstruction, Director of Adult Reconstruction Research Center, Associate Director Orthopedic Residency Program, Department of Orthopedic Surgery, NYU Hospital For Joint Diseases, NYU Langone Orthopedic Hospital, NYU Langone Health, NY, USA

**Sculco Peter**  
Orthopaedic Surgeon, Hospital for Special Surgery, NY, USA

**Sean Ryan**  
Assistant Professor of Orthopaedic Surgery, Duke University School of Medicine, Durham, NC
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Shubnyakov Igor
Deputy Director of Vreden National Research Center of Traumatology and Orthopedics for working with regions, Professor of Traumatology and Orthopedics, St. Petersburg, Russia

Stukenborg-Colsman Christina
Professor of Orthopedic Surgery, Senior Consultant, Arthroplasty Department, University Orthopedic Hospital Hannover, Annastift MHH, Germany

Tatani Irini
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General Information

Masterclass Dates and Venue
December 17\textsuperscript{th} – 19\textsuperscript{th}, 2021
Porto Palace Hotel, Thessaloniki, Greece
(65, 26th Octovriou Avenue, T. +30 2310 504504, F. +30 2310 540384, E. info@portopalace.gr)

Official Language
English will be the official language of the Masterclass and no simultaneous translation will be provided.

E-Platform for online attendance
All online participation delegates will have at their disposal an e-platform offering the maximum possible interactivity which will facilitate participation to the masterclass and communication with other delegates as well as exhibitors.

Health Protocols for physical attendance
In accordance with the existing health protocols in Greece, kindly please note that participants who wish to enter the congress area and attend the congress physically, must present a certificate of full vaccination or a certificate of recovery from COVID-19 (valid not more than 180 days from the date of the first positive swab) to the congress secretariat upon their arrival. Concerning the COVID-safety protocols for travelers, please see details at the following link: https://travel.gov.gr/

QR code
It is mandatory for the delegates to show their congress QR code at the entrance of the Congress halls in order to have their attendance time for each session registered. Delegates registered for on line participation will receive their QR code and their log in details by e-mail.

CME Accreditation
The Masterclass has been granted 20 European CME credits (ECMEC\textsuperscript{®}s) by the European Accreditation Council for Continuing Medical Education (EACCME\textsuperscript{®}).

Certificate of attendance
According to the European Accreditation Council for Continuing Medical Education (EACCME\textsuperscript{®}), each medical specialist should claim only those credits that he/she actually spent in the educational activity. Certificates will be sent electronically after the end of the Masterclass.

Exhibition
There will be an exhibition of medical equipment and pharmaceutical products at the Congress Venue. There will also be a parallel e-exhibition at the e-platform for the online registration delegates.
General Information

Presentations
Available visual equipment for all presentations will be through power point presentation. Presentations must be sent by e-mail at the technical secretariat. The use of personal computers will not be feasible.

Registration fees
• The masterclass will be held in hybrid form featuring in person physical attendance or online participation.
• The number of in person registrants will be determined by the existing Greek Government Health Protocols in use at the time of the masterclass dates.
• First-come-first-served basis will apply to all in person participants.
• For online attendance, participants will receive their login details by e-mail before the masterclass starting date.

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Specialists</td>
<td>220€</td>
</tr>
<tr>
<td>Residents</td>
<td>150€*</td>
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<tr>
<td>Physiotherapists</td>
<td>70€*</td>
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<tr>
<td>Nurses</td>
<td>Free ***</td>
</tr>
<tr>
<td>Undergraduate Students</td>
<td>Free ***</td>
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</tbody>
</table>

Above rates include VAT 24%

*For final confirmation of your registration, proof of status must be submitted to the masterclass Organizing Secretariat for the following categories: Residents, Physiotherapists, Nurses, Undergraduate Students.

**Nurses and Undergraduate Students are not able to choose in person physical attendance.

Registration fees for in person physical attendance include:
• Admission to the scientific sessions
• Certificate of attendance
• Admission to the exhibition area
• Admission to the opening ceremony

Registration fees for online attendance include:
• Admission to all sessions on the e-platform
• e-Certificate of attendance
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- 6K employees and healthcare professionals
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References
6. National Joint Registry for England, Wales and Northern Ireland. 10th Annual Report 2013. Excerpt from Table 3.1: Kaplan-Meier estimated cumulative percentage probability of first revision (95% CI) of a primary total knee replacement by main type of implant brands at the indicated number of years after primary operation. Page 124.

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References
2. Weistmann T, Bastian A, Parnitz J, et al. A novel tapered hip stem design optimised for femoral fit in a wide array of bone types. 16th ICTOR Congress, Copenhagen, Denmark, 1-4 June 2011. Presentation. Fit based on 356 CT scans. A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not disseminate medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery. The information presented is intended to demonstrate the breadth of Stryker product offerings. A surgeon must always refer to the package insert, product label and/or instructions for use before using any Stryker product. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker products in your area. Stryker Corporation or its distance or other corporate affiliated entities own, use or have applied for the following trademarks or service marks: Accolade. Designed to fit more patients, designed to fit your approach. Stryker. All other trademarks are trademarks of their respective holders.

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References
* For the Mako Total Knee application, “cut less” refers to less soft tissue damage and greater bone preservation as compared to manual surgery.4,7 For the Mako Total Hip and Partial Knee applications, “cut less” refers to greater bone preservation as compared to manual surgery.4,7

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References: 1. Hazan, A., Perse, J., & Coover, P. (2019). The Future of Medical Robotics: A Deep Dive into the Procedures, Technologies & Companies Shaping the Revolution (2nd ed., Medical Devices, pp. 1-180, Rep.). Citi Research. All content herein is protected by copyright, trademarks and other intellectual property rights, as applicable, owned by or licensed to Zimmer Biomet or its affiliates unless otherwise indicated, and must not be redistributed, duplicated or disclosed, in whole or in part, without the express written consent of Zimmer Biomet. This material is intended for health care professionals. Distribution to any other recipient is prohibited. For indications, contraindications, warnings, precautions, potential adverse effects and patient counselling information, see the package insert or contact your local representative; visit www.zimmerbiomet.com for additional product information. Check for country product clearances and reference product specific instructions for use. Not for distribution in France. © 2021 Zimmer Biomet
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About Rontis Hellas

Rontis Hellas SA was established in 1986 by a group of leading professionals with a lengthy experience in the wider healthcare sector and a vision to provide the most innovative & trustworthy solutions to the market, aiming to become an international leader in the global healthcare industry.

During its initial steps, the company collaborated closely with renowned manufacturers of the international medical device industry in order to distribute their products and introduce their technologies in markets that lacked the appropriate knowhow, efficient logistics & supply chain. This is exactly when the collaboration between Rontis and Stryker started - a collaboration that went through several phases over the decades that followed.

From year 1998 to 2010, Rontis focused exclusively in the arthroplasty portfolio of Stryker. Later, after company’s restructuring during year 2011, Rontis Hellas SA became the exclusive distributor of Stryker’s complete portfolio in Greece & Cyprus which now includes Arthroplasty, Osteosynthesis, Sports Medicine, Spine & Interventional Pain as well as Capital Equipment, Medical (beds & stretchers) and Neurovascular line.

Following the acquisition of Mako from Stryker, Rontis Hellas integrated Mako Robotic assisted technology in its offering since year 2016.

Year 2021 is the 33rd continuous year of collaboration between the two companies. It’s incredibly rare to see a business partnership to stand the test of time like the partnership between Rontis and Stryker did. This only demonstrates the strong bonding & effective collaboration between the two entities.

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