

# 4<sup>th</sup> Masterclass in Arthroplasty Surgery

## **mis**

**Hip & Knee arthroplasty  
and related technology  
Current Concepts**

# MAST 4



World's  
**1<sup>st</sup> Virtual Reality  
Training Course  
in Arthroplasty**

[www.mastcourse.com](http://www.mastcourse.com)



Organized by: European Hip Society



Congress Secretariat

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**01-03  
DECEMBER 17**

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#### References

1. Wuestemann T, Bastian A, Schmidt W, et al. A novel technique for studying proximal femoral bone morphology for hip implant design. 56th ORS Annual Meeting, New Orleans, LA, USA, March 6-9, 2010. Poster #2217.
2. Wuestemann T, Bastian A, Parvizi J, et al. A novel tapered hip stem design optimized for femoral fit in a wide array of bone types. 12th EFORT Congress, Copenhagen, Denmark, 1-4 June 2011. Presentation. Fit based on 556 CT scans.

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Masterclass

# MARTHROPLASTY SURGERY

2017

Thessaloniki 4

*Dear Colleagues,*

*We warmly welcome you to the **MAST 4 Conference here in Thessaloniki**, once again at the stunning **Concert Hall, "Megaron Mousikis"**. This year, our special focus is MIS Arthroplasty and related techniques and technologies. The programme also includes presentations regarding the full spectrum of current hip and knee arthroplasty and revision concepts by renowned national and international faculty.*

*As from this year, the MAST conference has achieved International status and is co-organised by EHS (The European Hip Society), as well as being honoured again **by the auspices of EFORT** (The European Federation of National Associations of Orthopaedics and Traumatology).*

*The **MAST** conference runs simultaneously this year with the first international virtual reality training course, "VITRO 1" (Virtual Training Orthopaedics 1), where we are offering our participants the unique opportunity to train in hip & knee arthroplasty surgery.*

*The **MAST 4** conference is a fantastic opportunity for you to exchange views on serious medical and surgical arthroplasty concepts, under the light of the latest research. The beautiful city of Thessaloniki is the Byzantine jewel of Greece and will capture your imagination with its lively atmosphere and numerous historical sites. We are very much looking forward to welcoming you.*

*Conference Chairmen*

**Eleftherios Tsiridis**  
MD, PhD, FACS, FRCS

**Berend Willem Schreurs**  
MD, PhD



# COMMITTEES

## Chairmen

Schreurs Berend Willem  
Tsiridis Eleftherios

## INTERNATIONAL FACULTY

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Tsikandylakis Georgios

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Digas George  
Drosos George  
Gkoutziomitrou Evangelia  
Ioannides George  
Kapetanos George  
Kenanidis Efstathios  
Koukoubis Theodosios  
Macheras George  
Makris Vasileios

Mavromatidis Savvas  
Nikolaou Vasileios  
Papadimitriou Konstantinos  
Papadopoulos Vasileios  
Petsatodis George  
Potoupnis Michael  
Sayegh Fares  
Topalis Chris  
Tsiridis Eleftherios  
Varveri Marianna

11.00-12.00 Registrations  
**Welcome and Housekeeping:** F. Sayegh, E. Tsiridis,  
**Introduction:** G. Kapetanios

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**12.00-13.00 Primary Knee Arthroplasty: Current Concepts**  
**Chairs:** F. Sayegh, Th Koukoubis, G. Ioannides, G. Drosos  
Uni-compartmental knee: fixed or mobile bearing  
**V. Nikolaou**  
MIS knee arthroplasty reality or Myth  
**E. Chronopoulos**  
Varus & valgus balancing  
**G. Tsikandylakis**  
Pain and blood management current concepts  
**A. Gianakos**  
PANEL DISCUSSION

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**13.00-14.00 Revision Total Knee Arthroplasty: Techniques & Complications**  
**Chairs:** V. Nikolaou, E. Chronopoulos, L. Poultsides, G. Petsatodis  
Revision TKA: tantalum cones vs DFR  
**G. Ioannides**  
Infection TKA: microbial profile and antibiotics  
**G. Drosos**  
TKA DVT prophylaxis: current concepts  
**F. Sayegh**  
Managing TKA stiffness post op  
**Th. Koukoubis**  
PANEL DISCUSSION

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**14.00-15.00 Revision Total Knee Arthroplasty: Registry Results & Complex Cases**  
**Chairs:** F. Sayegh, G. Ioannides, G. Drosos, G. Kapetanios  
Managing bone loss in TKA revision  
**G. Petsatodis**  
Registry results for Unis vs TKA  
**V. Nikolaou**  
Tribology updates on TKA polyethylene liners  
**L. Poultsides**  
TKA after tibial osteotomy or ACL reconstruction  
**S. Adam**  
PANEL DISCUSSION

**FRIDAY 1<sup>st</sup> DECEMBER 2017**

## **THE KNEE ARTHROPLASTY DAY**

*Maurice Saltiel Hall – Building M2*

**15.00-15.30 LIGHT LUNCH**

Chairs for Workshops I, II, III & IV:

Th. Koukoubis, F. Sayegh, G. Ioannides, G. Drosos, V. Nikolaou,  
E. Chronopoulos, L. Poultsides, G. Tsikandylakis, A. Gianakos,  
S. Adam, M. Potoupnis, C. Topalis, V. Makris.

### **WORKSHOP I**

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**15.30-18.30 Exeter Hip Course:**  
practical training in Cemented THA

### **WORKSHOP II**

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**15.30-18.30 Primary TKA CR & PS Course:**  
practical training

### **WORKSHOP III**

**Heraeus**

**15.30-18.30 Customised Spacers Course:**  
Stage I Infection Revision

*Library Hall – Building M2*

### **WORKSHOP IV**

**15.30-18.30 Virtual Reality:**  
THA & TKA Course

**08.30-09.00**    **Day Welcome & Housekeeping:** F. Sayegh, E. Tsiridis  
**Introduction The Legacy of MAST conference:** A. Christodoulou  
**Brief Introduction The Hague EHS 2018:** President B. W. Schreurs

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**09.00-09.45**    **MIS THA: Video Steps for Success**  
Chairs: B. W. Schreurs, J.A. Epinette, S. Overgaard, S. Sturridge  
  
MIS Direct Anterior  
**G. Macheras**  
  
MIS Anterolateral  
**G. Diga**  
  
MIS Superpath  
**G. Drosos**  
  
MIS Direct Superior  
**E. Tsiridis**  
  
MIS THA and Anaesthesia:  
**E. Goutziomitrou, M. Varveri**  
  
PANEL DISCUSSION

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**09.45-10.45**    **Total Hip Arthroplasty: Modern Era of Hip Surgery**  
Chairs: G. Macheras, G. Diga, G. Drosos, A. Christodoulou  
  
Advantages of MIS THA  
**A. Gianakos**  
  
Complications MIS THA  
**S. Sturridge**  
  
Robotic Navigation MAKO-plasty THA current concepts  
**L. Poultsides**  
  
Monoblock Vitamin E sockets for primary THA  
**E. Chronopoulos**  
  
VR training in MIS THA the way forward  
**E. Kenanidis**  
  
FEA Modeling Analysis and THA  
**M. Moazen**  
  
PANEL DISCUSSION



## THE HIP ARTHROPLASTY DAY

*Maurice Saltiel Hall – Building M2*

**10.45-11.30**

### **Revision Total Hip Arthroplasty: Removing Implants & Dual Mobility Concept**

Chairs: L. Poultsides, B. W. Schreurs, S. Overgaard, E. Chronopoulos

Dual mobility in young patients and revision cases

**J.A. Epinette**

Classification Paprosky for socket and femur

**S. Sturridge**

Tricks to remove the socket

**E. Tsiridis**

Tricks to remove the stem

**G Tsikandylakis**

PANEL DISCUSSION

**11.30-12.00**

**COFFEE BREAK**

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**12.00-12.45**

### **Revision Total Hip Arthroplasty: Reconstruction Techniques TM vs Graft**

Chairs: S. Sturridge, S. Overgaard, L. Poultsides, G. Tsikandylakis

Reconstruction using TM augments for socket

**G. Digas**

Reconstruction of the femur: IG or Uncemented long

**B. W. Schreurs**

THA reconstruction after acetabular fractures:

**S. Darmanis**

Cement in cement revision

**J. Charity**

PANEL DISCUSSION

**12.45-14.00**

### **THA Complications & Registry Data**

Chairs: G. Macheras, G Digas, S. Darmanis, S. Sturridge,  
**A. Beletsiotis**

Immunoallergy and ALVAL in modularity

**J.A Epinette**

Periprosthetic fractures acetabulum and femur

**J. Charity**

Risk factors for deep infection in THA and the prognosis

**S. Overgaard**

Dutch Registry Results (Hip)

**B. W. Schreurs**

Danish Registry Results (Hip)

**S. Overgaard**

Arthroplasty Registry Thessaloniki- Registry Results

**E. Kenanidis**

Nursing View of fast Track THA

**K. Papadimitriou, S. Mavromatidis, V. Papadopoulos**

PANEL DISCUSSION

**14.00-15.00**

### **LIGHT LUNCH**

**Chairs for Workshops III, IV, V, VI:**

G. Macheras, Th. Koukoubis, F. Sayegh, G. Ioannides, G. Drosos,  
V. Nikolaou, E. Chronopoulos, L. Poultsides, G Tsikandylakis,  
A. Gianakos, S. Adam, M. Potoupnis, J. Charity, S. Darmanis,  
S. kenanidis, S. Sturridge, C. Topalis, V. Makris

### **WORKSHOP III**

**Heraeus**

**15.00-18.00**

### **Customised Spacers Course:**

Stage I Infection Revision

### **WORKSHOP V**

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**15.00-18.00**

### **THA Revision Course:**

Augments, Cup-Cage, ETO, Modular Tapered Stems, Impaction Grafting,  
Figure of 7

**SATURDAY 2<sup>nd</sup> DECEMBER 2017**

## **THE HIP ARHTROPLASTY DAY**

*Maurice Saltiel Hall – Building M2*

### **WORKSHOP VI**



**15.00-18.00**    **TKA Revision Course:**  
Augments, CCK, stem & offset

*Library Hall – Building M2*

### **WORKSHOP IV**

**15.00-18.00**    **Virtual Reality:**  
THA & TKA Course

**20.00-22.00**    **FACULTY DINNER**

- 1. B. W. Schreurs, J.A. Epinette:** "EHS Updates"
- 2. E. Tsiridis:** "MastCourse Updates"
- 3. S. Sturridge, E. Tsiridis:** "Tsiridis Fellowships in Greece & the UK"

**08.00-08.30** **Multiple Choice Questions Test:**  
**Tsiridis Arthroplasty Fellowship**

**08.45-09.00** **Day Welcome & Housekeeping:** F Sayegh, E. Tsiridis  
**Brief Introduction Lille EHS 2020: President Elect** J.A. Epinette

**09.00-13.00** **Video Surgery Hip and Knee & Revision challenges**  
Chairs: F.Sayegh, B. W. Schreurs, J.A. Epinette, S. Sturridge,  
S. Overgaard, G. Petsatodis, L. Poultsides

Video live Surgery Hip & Knee Revision Cases

**G. Macheras**

Video live Surgery Hip & Knee Revision Cases

**G. Digas**

Video live Surgery Hip & Knee Revision Cases

**G. Drosos**

Video live Surgery TKA Revision CCK

**E. Tsiridis**

TKA Revision TC3

**E. Tsiridis**

TKA Revision PTR fully constrained

**E. Tsiridis**

Acetabular Revision Full TM socket and TM augments

**E. Tsiridis**

Revision socket Intra-abdominal Removal for discontinuity

**E. Tsiridis**

Revision THA ETO for Stem removal

**E. Tsiridis**

Impaction grafting for acetabular trauma

**E. Tsiridis**

Constrained Liner for instability

**E Tsiridis**

Distal femoral osteotomy for DDH valgus knee

**E. Tsiridis**

Revision THA using PFR implant for malunion & bone loss

**E. Tsiridis**

Cement in cement and Impaction Grafting

**J. Charity**

### WORKSHOP IV

**09.00-13.00** **Virtual Reality:**  
THA & TKA Course

# GENERAL INFORMATION

## VENUE

The Meeting will be held in Thessaloniki, at Thessaloniki Concert Hall.

The car parking of the concert hall will be available free of charge for all congress participants.

## DATE

The Meeting will be held on 1-3 December, 2017

## CERTIFICATE OF ATTENDANCE

Certificate of attendance will be given to each registered participant, at the end of the Meeting.

## MAST ICAROS FELLOWSHIP

MCQ (multiple choice questions) Mast Scholarship exams will identify 2 top delegates to be awarded the MAST Icaros Fellowship. The Mast fellows will have the opportunity to attend a 3-month surgical Fellowship with Dr. Tsiridis in Hip & Knee Arthroplasty and revision.

## EXETER HIP COURSE

The official cemented Exeter Hip Arthroplasty Course, accredited by the Exeter Team in the UK. Special certificate of attendance will be awarded to the selected delegates.

## SECRETARIAT AND TRAVEL AGENCY



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## LANGUAGE

ENGLISH is the official language of the Meeting.

## REGISTRATION FEES

REGISTRATION FEE IS FREE	0 €
WORKSHOP I: Exeter Hip Course: practical training in Cemented THA	30 €
WORKSHOP II: Primary TKA CR & PS Course: practical training	30 €
WORKSHOP III: Customised Spacers Course: Stage I Infection Revision	30 €
WORKSHOP IV: Virtual Reality: THA & TKA Course	50 €
WORKSHOP V: THA Revision Course: Augments, Cup-Cage, ETO, Modular Tapered Stems, Impaction Grafting, Figure of 7	50 €
WORKSHOP VI: TKA Revision Course: Augments, CCK, stem & offset	50 €

- **Registration fee includes:** Congress material with congress documents, Access to all sessions of the congress, Access to the exhibition hall, Coffee Breaks, Light Lunches, Certificate of attendance
- The above prices are exclusive of VAT 24%

## NOTES

NOTES

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A photograph of two women, one with blonde hair and one with dark skin, smiling and looking at a map outdoors. The blonde woman is wearing a yellow long-sleeved shirt, and the dark-skinned woman is wearing a red jacket. They are standing in front of a rocky riverbed with trees in the background. A blue and white geometric graphic is overlaid on the top left of the image.

# Stronger Together.

Zimmer Biomet was created to redefine musculoskeletal healthcare, and to help improve the lives of those we serve.

Our singular goal is to help achieve exceptional outcomes for patients, healthcare professionals, investors, our Team Members, and the communities in which we work.

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It reminds us that, together, we can achieve more...that greater success is possible when we work together in pursuit of our shared goals.

With our combined talents, technologies, capabilities, and cultures, we can do more than either company could have achieved alone. We have strengthened our ability to compete around the globe, and to bring growth to our community.

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