



# 24th

## ANNUAL CONGRESS

20-23 September, 2011

Theme:

**Bridging the gap between innovation  
and evidence-based practice in Arthroplasty**

Location:

**Concert Building, Bruges (Brugge),  
Belgium, Europe**

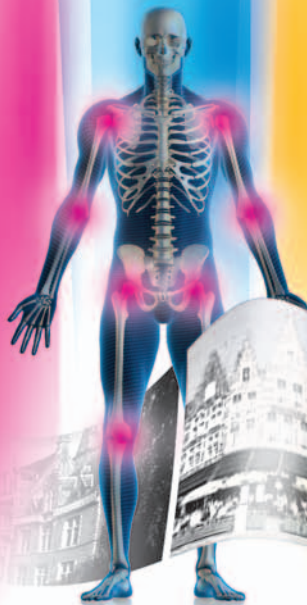
**Important deadlines:**

Submission of abstracts: **May 15th, 2011**

Submission of full papers for the awards: **May 15th, 2011**

Notification of acceptance of the abstract for the program: **July 1st, 2011**

Discounted early registration: **July 15th, 2011**



International Society for Technology in Arthroplasty 2011

# Invitation



In association with the Belgian and Dutch  
Orthopaedic Societies

Dear Colleagues,

It is with pleasure that we are inviting you to the 24th annual congress of the International Society for Technology in Arthroplasty, which is to be held in Brugge, Belgium at 21-23 September, 2011. ISTA'11 is a meeting for orthopaedic surgeons, scientists, engineers, allied health and representatives from orthopaedic industry. The goal of the meeting is to promote transfer of knowledge in the field of arthroplasty in the broadest thinkable sense.

The theme of this year's meeting is 'Bridging the gap between innovation and evidence based practice in arthroplasty', which demonstrates our initiative to address the incompatibilities that are often present between innovation of orthopaedic implants on the one hand and evidence based practice on the other. Renowned speakers are invited to address this issue from their perspective. Furthermore, key-experts will inform you about the most recent developments related to technology and clinical performance in arthroplasty. and we will organize dedicated sessions on Computer

Assisted Orthopaedic Surgery in conjunction with the International Society of CAOS. Further scientific high-lights of the meeting are the presentation of the ISTA's Life-Time Achievement Award, the HAP Paul award and the Biomechanics and Biomaterials Student awards.

The venue is situated in the heart of the beautiful city of Brugge, which is included in the UNESCO list of the World Heritage. The city radiates beauty, history and romance and we guarantee that your presence will be a memorable experience.

The organizing committee is putting together an exciting scientific as well as a social program. We are looking forward to receiving your submissions for the award papers, abstracts for the open program, and, most of all, we are looking forward to welcoming you personally in Bruges!

Nico Verdonshot PhD  
Johan Bellemans PhD MD  
Jan Victor PhD MD  
*Meeting Co-Directors*

# Scientific program

## 1. HIP AND KNEE ARTHROPLASTY

- Knee Mechanics
- Hip Mechanics
- Alternative Bearing Materials in THA
- Ethnic and Gender Issues in Arthroplasty
- Patellar Resurfacing Issue
- Bearing Mobility Issues
- Hip Resurfacing
- High Demand Issues

## 3. NON ARTHROPLASTY PROCEDURES/ISSUES

- Peri-prosthetic Fracture Management
- Cartilage Repair/Regeneration
- Complication Management
- Hip Disease: Non Arthroplasty Options
- Knee Disease: Non Arthroplasty Options

## 2. ENABLING TECHNOLOGIES

- Computer Navigation in Joint Replacement
- Minimal Invasive Surgical Techniques
- Sensor Technology in Arthroplasty
- Computer simulations
- Musculo-skeletal modeling
- Imaging Technology
- Robotics
- Evidence Based Medicine
- Functional analyses

## 4. SPINE, SHOULDER AND SMALL JOINT ARTHROPLASTY

- Spinal Fusion vs. Disc Replacement
- Shoulder Complications and Arthroplasty Options
- Ankle Complications and Arthroplasty Options



### ISTA Life-Time Achievement Award

*Professor Tony Unsworth started his career in 1969 at Leeds University, and has been working at Durham University since 1976, where he is Director of the Centre for Biomedical Engineering and Research Director for the Faculty of Science. His research area is the tribology of human and artificial joints, but he has also published on aspects of rehabilitation of the upper limb. He has been awarded the Tribology Silver Medal (1972), the Donald Julius Groen Prize, the James Clayton Prize (1999) and in 2005 he was awarded the James Alfred Ewing Medal of the Institution of Civil Engineers for his research into the Tribology of human and artificial human joints. He has published over 300 papers and given circa 100 lectures at international venues.*

## Congress program

### Tuesday, Sept. 20, 2011

18.30: Welcome reception City Hall, Bruges

### Wednesday, Sept. 21, 2011

08.30 - 17.00: Scientific Session

18.00 - 20.00: Posters Session

### Thursday, Sept. 22, 2011

08.30 - 16.00: Scientific Session

16.00 - 17.00: Award Session

19.30: Award dinner at Provincial Court, Bruges

### Friday, Sept. 23, 2011

08.00 - 16.00: Scientific Session

# Registration

REGISTRATION FEES FOR THE ISTA 2011 ARE LISTED BELOW.

## THE PROFESSIONAL REGISTRATION FEE INCLUDES

- Final Program and Abstract book (with CD)
- Access to the research electronically
- Reception, lunches and coffee breaks
- Admission to all oral scientific lectures
- Admission to the poster session
- Admission to the exhibit hall

## CME ACCREDITATION

The 24th Annual Congress of the International Society for Technology in Arthroplasty is planned and organized in accordance with the policies of the European Accreditation Council for Continuing Medical Education (EACCME). The EACCME is an institution of the European

Union of Medical Specialists (UEMS), [www.uems.be](http://www.uems.be). EACCME approved credits are recognized by the American Medical Association for conversion to AMA PRA Category 1 Credit™.

CATEGORY	UNTIL JULY 15, 2011	JULY 16 – AUGUST 15, 2011	FROM AUGUST 16, 2011
Professional	€ 450	€ 500	€ 550
ISTA member	€ 400	€ 450	€ 500
Fellow/Resident/ Allied Health	€ 200	€ 250	€ 275
Graduate Student	€ 200	€ 250	€ 300

## Accommodation

Due to the specific historical charm of the city of Bruges (Brugge), we made a selection of different hotels close (walking distance) to the congress location (Concert Hall). Please consult the website ([www.istaonline.org](http://www.istaonline.org)) to find the different hotel possibilities with the ISTA negotiated rates (reduced rates). You will also find the contact/booking details of each hotel for direct booking of your accommodation.

## Airport Transfer

A pre-bookable transfer service from Brussels Airport (Zaventem) to Bruges will be provided at an interesting rate. Information will be communicated to all registered participants in due time.

# Bruges, one of the most beautiful cities in Europe...



It was a justified motive that prompted UNESCO in 2000 to include the entire historical city centre on the World Heritage list. Walking along the maze of winding cobbled alleys and romantic canals, you imagine yourself to be in medieval times. The wealth of museums is a striking image of this city's stirring history.

Bruges is also home to contemporary culture, such as the new Concert Hall, which is one of the most prominent music complexes in Flanders.

The restaurants in Bruges which offer gastronomic cuisine and the exclusive hotels are a true feast for those who enjoy the good things in life.

**Join us to explore this medieval beauty...**

## ISTA supported social events:

**Reception** Tuesday, September 20, 2011 | City Hall, Bruges.

**Award dinner** Thursday, September 22, 2011 | Provincial Court, Bruges.

Participation fee 60 € per person | On-line pre-booking only.

*Participation fee for the Award dinner is NOT included in the registration fee.*

# Organizing committee

## Local Organizers:

Nico Verdonshot  
Johan Bellemans  
Jan Victor  
Dennis Janssen  
Wim Schreurs  
Pieter Spierings

## ISTA Board members:

John Hollingdale	<i>President</i>
Richard D. Komistek	<i>First Past President</i>
Won Yong Shon	<i>Second Past President</i>
Robert M. Streicher	<i>Secretary General</i>
Hani Haider	<i>Program Director</i>
Jeff Taylor	<i>Chief Financial Officer</i>
Joseph Fetto	<i>Board Member</i>
Claude Rieker	<i>Board Member</i>
Mike Tuke	<i>Board Member</i>
Shinro Takai	<i>Board Member</i>
Scott A. Banks	<i>Board Member</i>

**INTERNATIONAL SOCIETY FOR TECHNOLOGY IN ARTHROPLASTY**

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